

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015638.D
 Acq On : 19 Sep 2023 12:03
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

Quant Time: Sep 19 14:03:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 14:01:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	169276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	19106	10.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.520%#		
35) Dibromofluoromethane	7.716	113	17109	10.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.080%#		
50) Toluene-d8	10.179	98	60360	10.448	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.900%#		
62) 4-Bromofluorobenzene	12.483	95	23517	10.373	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	10741	9.626	ug/l	97
3) Chloromethane	2.113	50	13545	9.622	ug/l	99
4) Vinyl Chloride	2.247	62	15579	9.680	ug/l	95
5) Bromomethane	2.644	94	12895	10.392	ug/l	100
6) Chloroethane	2.790	64	11421	9.574	ug/l	100
7) Trichlorofluoromethane	3.119	101	26540	9.833	ug/l	94
8) Diethyl Ether	3.528	74	10851	9.427	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	16693	9.877	ug/l	95
10) Methyl Iodide	4.095	142	14452	9.604	ug/l	98
11) Tert butyl alcohol	4.942	59	41670m	72.750	ug/l	
12) 1,1-Dichloroethene	3.863	96	14356	9.640	ug/l	87
13) Acrolein	3.729	56	12353	43.307	ug/l	95
14) Allyl chloride	4.479	41	25789	9.471	ug/l	93
15) Acrylonitrile	5.168	53	41378	49.003	ug/l	99
16) Acetone	3.954	43	51693	51.862	ug/l	90
17) Carbon Disulfide	4.186	76	25785	8.913	ug/l	99
18) Methyl Acetate	4.485	43	32111	9.602	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	56862	9.375	ug/l	100
20) Methylene Chloride	4.716	84	31261	10.497	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	15893	9.337	ug/l	94
22) Diisopropyl ether	6.125	45	62575	9.549	ug/l	93
23) Vinyl Acetate	6.058	43	189396	46.827	ug/l	98
24) 1,1-Dichloroethane	6.015	63	34396	9.630	ug/l	97
25) 2-Butanone	6.990	43	74018	52.538	ug/l	99
26) 2,2-Dichloropropane	6.978	77	33346	10.215	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	21336	9.442	ug/l	95
28) Bromochloromethane	7.332	49	10012	10.332	ug/l	99
29) Tetrahydrofuran	7.350	42	38813	48.742	ug/l	94
30) Chloroform	7.509	83	37249	9.738	ug/l	97
31) Cyclohexane	7.783	56	25991	10.074	ug/l #	89
32) 1,1,1-Trichloroethane	7.704	97	29989	9.497	ug/l	98
36) 1,1-Dichloropropene	7.917	75	24495	9.723	ug/l	98
37) Ethyl Acetate	7.076	43	24356	9.693	ug/l	96
38) Carbon Tetrachloride	7.905	117	26212	9.586	ug/l	93
39) Methylcyclohexane	9.185	83	26379	9.467	ug/l	94
40) Benzene	8.161	78	73765	9.602	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	14839m	11.263	ug/l	
42) 1,2-Dichloroethane	8.234	62	25316	9.622	ug/l	95
43) Isopropyl Acetate	8.277	43	41385	9.642	ug/l	98
44) Trichloroethene	8.941	130	20755	9.673	ug/l	94
45) 1,2-Dichloropropane	9.216	63	20745	9.683	ug/l	98
46) Dibromomethane	9.307	93	13480	9.836	ug/l	92
47) Bromodichloromethane	9.496	83	28972	9.485	ug/l	99
48) Methyl methacrylate	9.295	41	17616	9.350	ug/l	89
49) 1,4-Dioxane	9.301	88	5465	201.856	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	130199	48.939	ug/l	93
52) Toluene	10.240	92	47600	9.611	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	30906	9.435	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	33204	9.417	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	19330	9.625	ug/l	99
56) Ethyl methacrylate	10.508	69	27715	9.364	ug/l #	89
57) 1,3-Dichloropropane	10.789	76	32359	9.608	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	48454	51.541	ug/l	97
59) 2-Hexanone	10.831	43	102374	50.156	ug/l	94
60) Dibromochloromethane	10.984	129	22462	9.581	ug/l	99
61) 1,2-Dibromoethane	11.087	107	18636	9.485	ug/l	97
64) Tetrachloroethene	10.721	164	22314	10.114	ug/l	97
65) Chlorobenzene	11.514	112	54512	9.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	21233	9.738	ug/l	97
67) Ethyl Benzene	11.593	91	94302	9.612	ug/l	99
68) m/p-Xylenes	11.703	106	70158	18.813	ug/l	96
69) o-Xylene	12.026	106	35225	9.633	ug/l	97
70) Styrene	12.044	104	58578	9.359	ug/l	98
71) Bromoform	12.203	173	14880	9.417	ug/l #	98
73) Isopropylbenzene	12.331	105	92548	9.440	ug/l	99
74) N-amyl acetate	12.142	43	34198	9.281	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	26450	9.694	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	16353m	7.471	ug/l	
77) Bromobenzene	12.605	156	23195	9.638	ug/l	95
78) n-propylbenzene	12.672	91	113682	9.545	ug/l	99
79) 2-Chlorotoluene	12.752	91	64293	9.470	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	78627	9.580	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	8177	8.832	ug/l	96
82) 4-Chlorotoluene	12.855	91	67634	9.543	ug/l	100
83) tert-Butylbenzene	13.075	119	68602	9.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	77739	9.466	ug/l	99
85) sec-Butylbenzene	13.252	105	102296	9.509	ug/l	99
86) p-Isopropyltoluene	13.367	119	85863	9.555	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	46168	9.670	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	45714	9.574	ug/l	97
89) n-Butylbenzene	13.697	91	80245	9.430	ug/l	98
90) Hexachloroethane	13.959	117	16278	9.386	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	42894	9.733	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5446	10.050	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	25954	9.354	ug/l	99
94) Hexachlorobutadiene	15.111	225	13693	9.637	ug/l	99
95) Naphthalene	15.233	128	65951	9.116	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23139	9.036	ug/l	97

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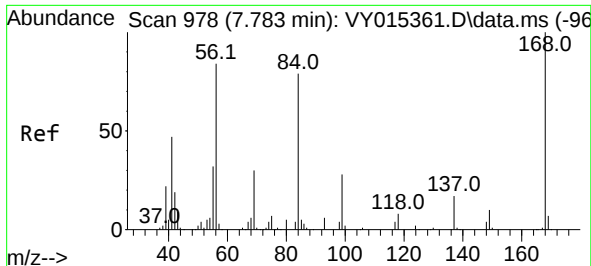
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

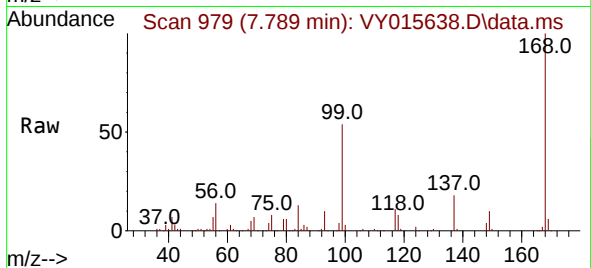
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015638.D
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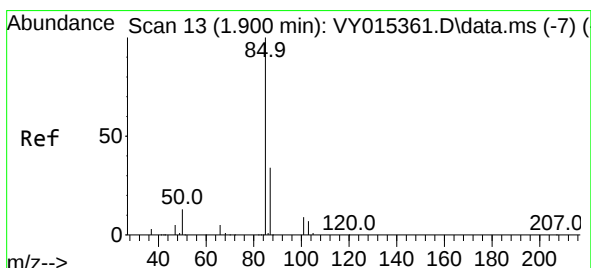
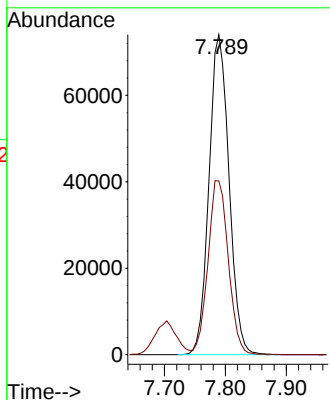
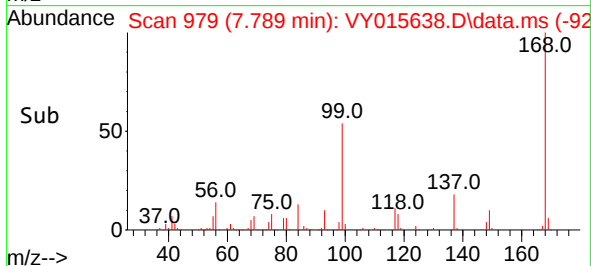
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 169270
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0

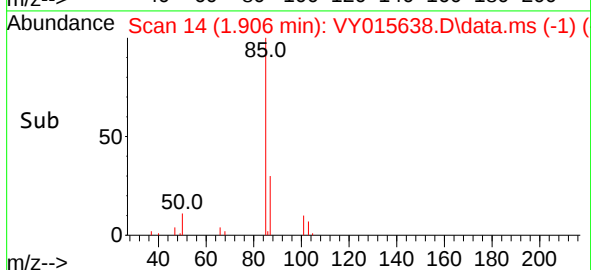
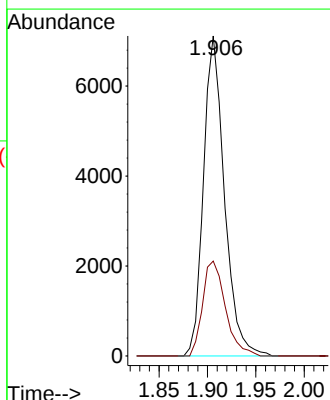
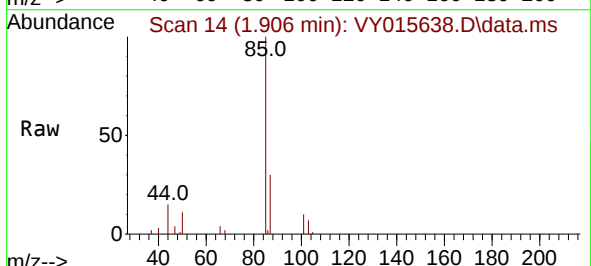
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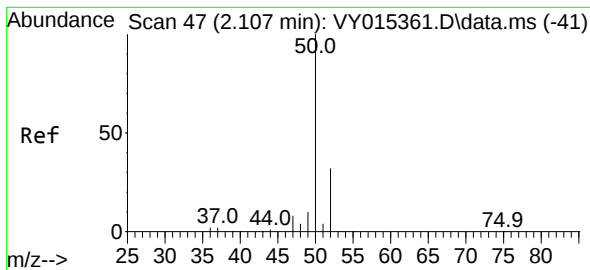
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#2
Dichlorodifluoromethane
Concen: 9.626 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion: 85 Resp: 10741
Ion Ratio Lower Upper
85 100
87 29.7 15.6 46.8





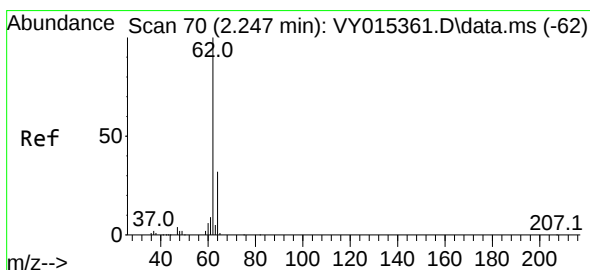
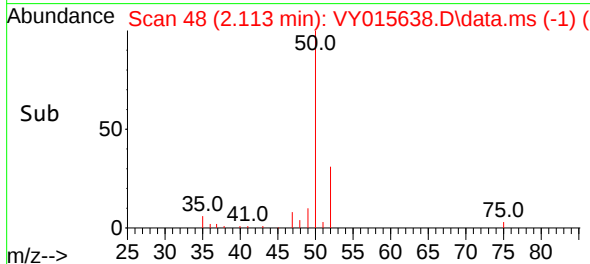
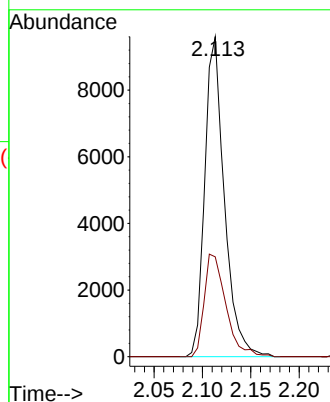
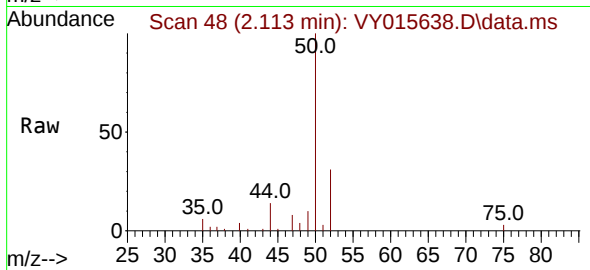
#3
Chloromethane
Concen: 9.622 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

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ClientSampleId :
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Tgt Ion: 50 Resp: 1354
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2

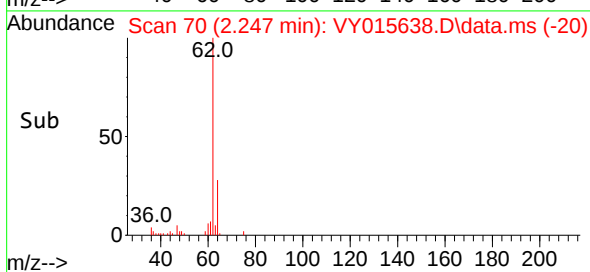
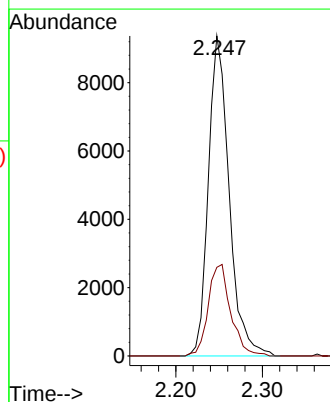
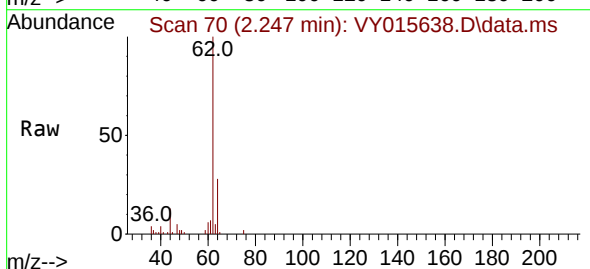
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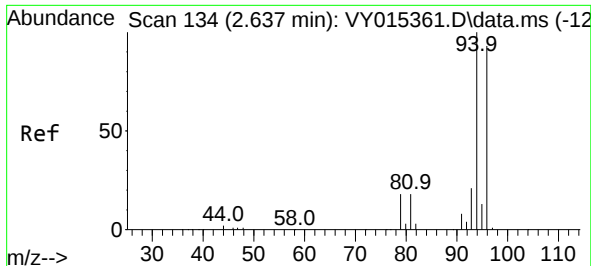
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Supervised By :Semsettin Yesilyurt 09/20/2023



#4
Vinyl Chloride
Concen: 9.680 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion: 62 Resp: 15579
Ion Ratio Lower Upper
62 100
64 27.7 24.3 36.5





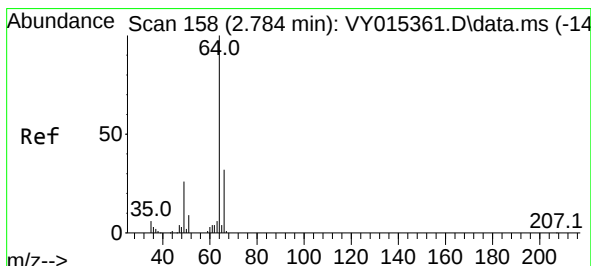
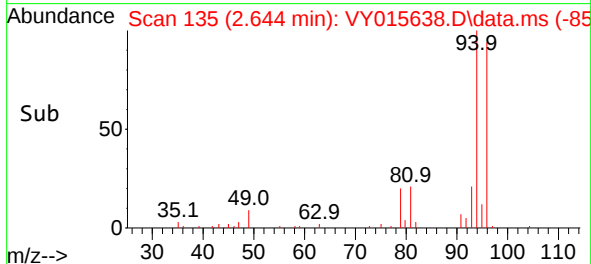
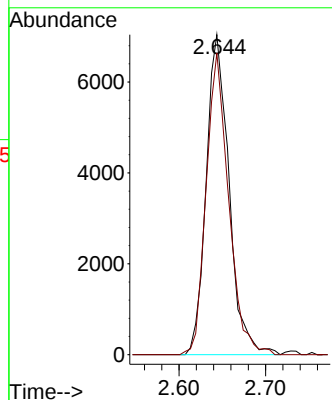
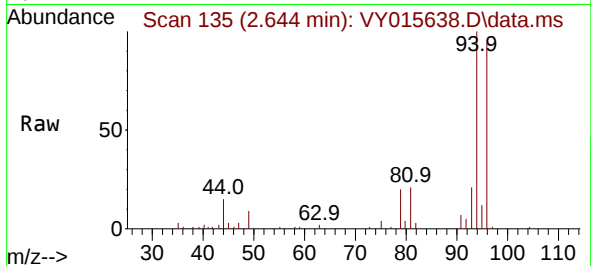
#5
Bromomethane
Concen: 10.392 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
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Tgt Ion: 94 Resp: 1289
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6

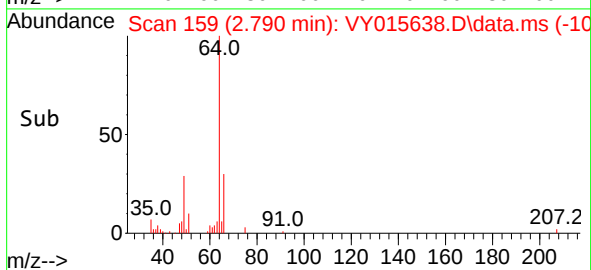
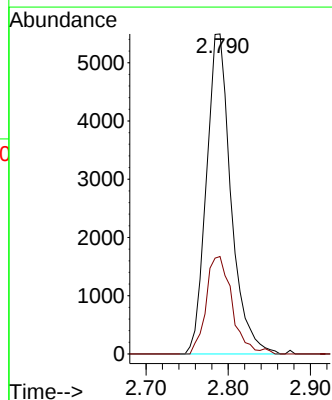
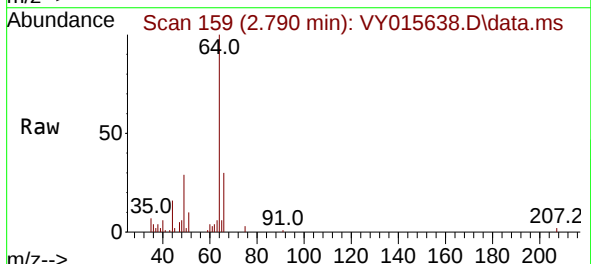
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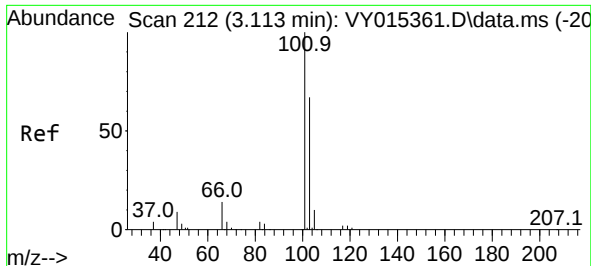
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#6
Chloroethane
Concen: 9.574 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015638.D
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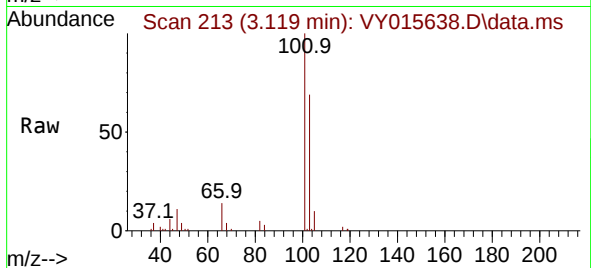
Tgt Ion: 64 Resp: 11421
Ion Ratio Lower Upper
64 100
66 30.5 24.4 36.6





#7
Trichlorofluoromethane
Concen: 9.833 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

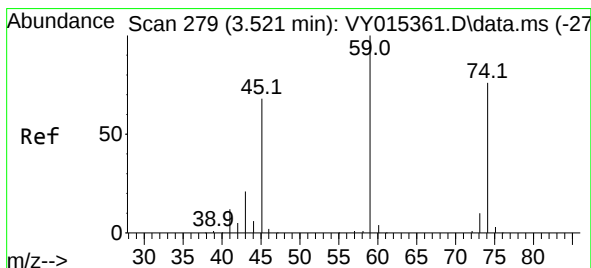
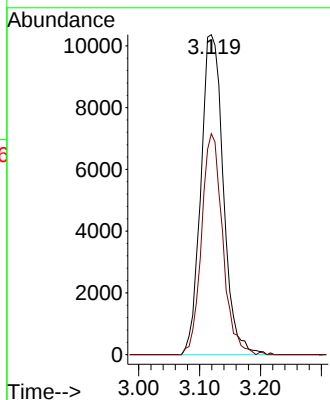
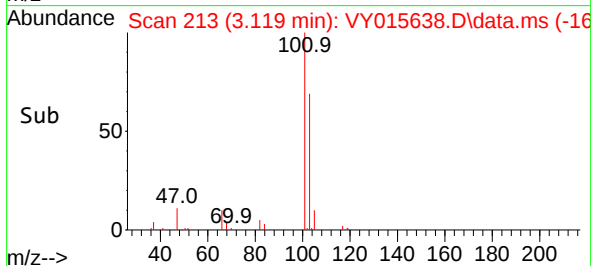
Instrument :
MSVOA_Y
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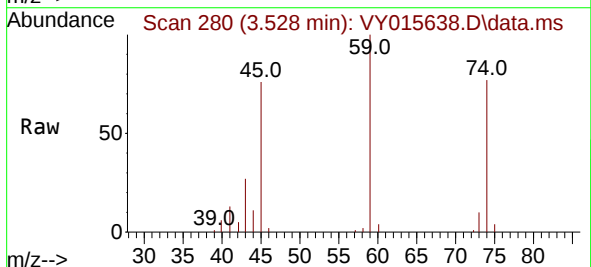
Tgt Ion:101 Resp: 26540
Ion Ratio Lower Upper
101 100
103 69.1 51.4 77.0

Manual Integrations
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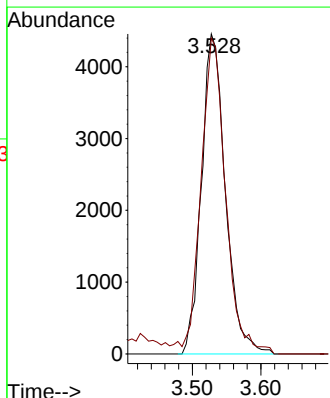
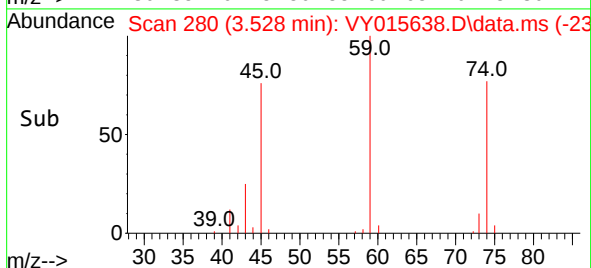
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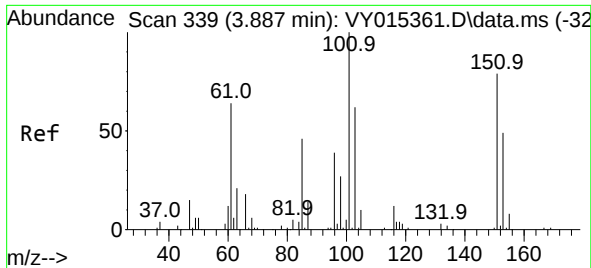


#8
Diethyl Ether
Concen: 9.427 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03



Tgt Ion: 74 Resp: 10851
Ion Ratio Lower Upper
74 100
45 101.7 51.5 154.5





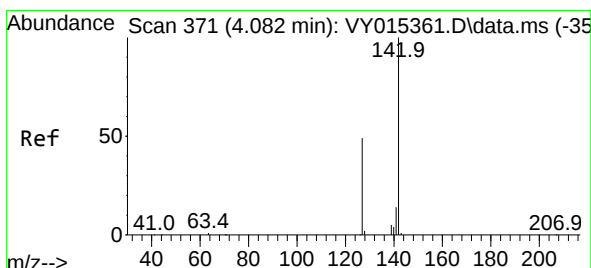
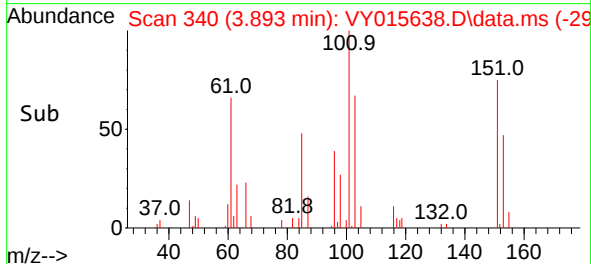
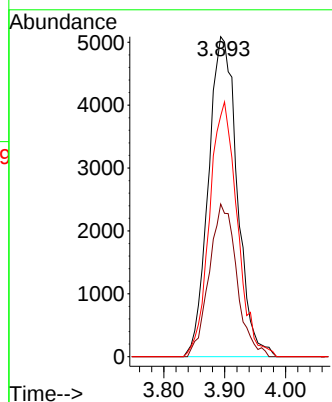
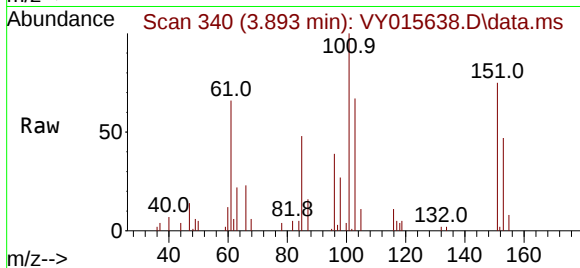
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.877 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 1669
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 76.6 67.0 100.6

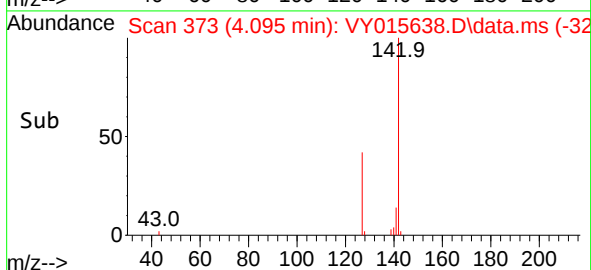
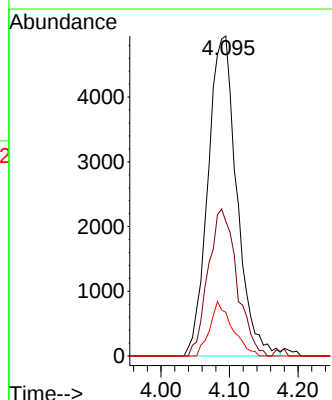
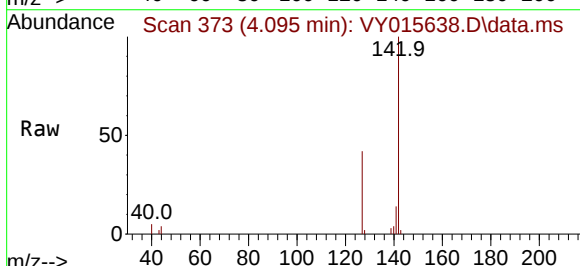
Manual Integrations
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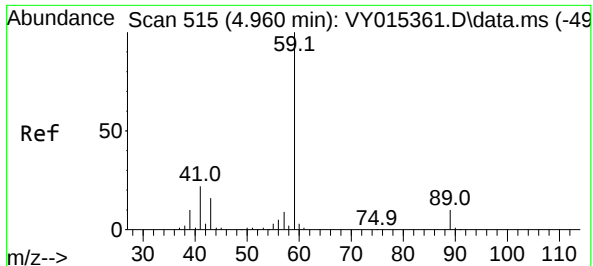
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#10
Methyl Iodide
Concen: 9.604 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion:142 Resp: 14452
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 13.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 72.750 ug/l m

RT: 4.942 min Scan# 515

Delta R.T. -0.012 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 59 Resp: 41670

Ion Ratio Lower Upper

59 100

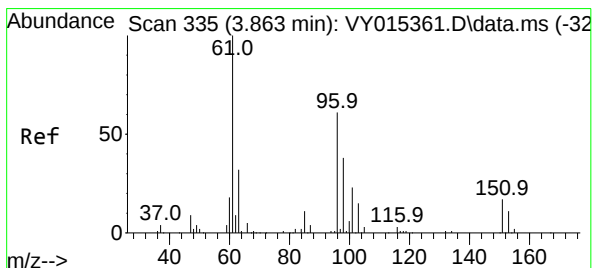
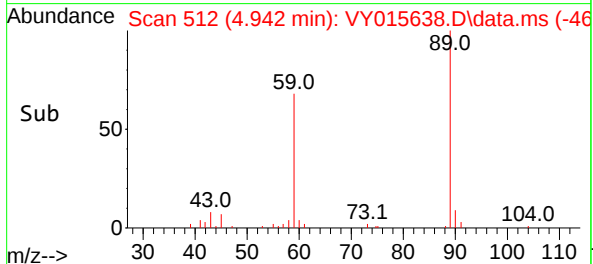
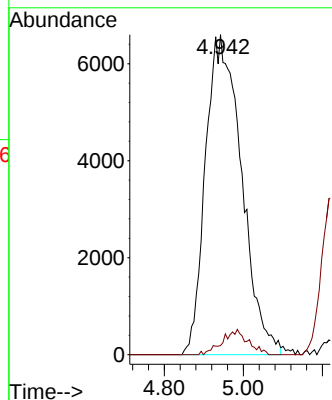
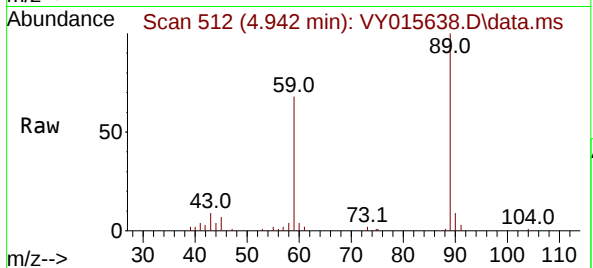
57 0.0 3.0 4.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#12

1,1-Dichloroethene

Concen: 9.640 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

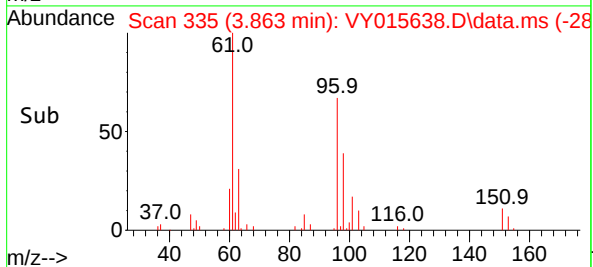
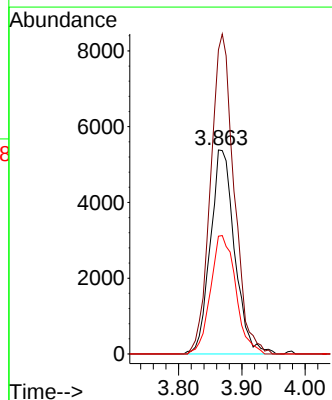
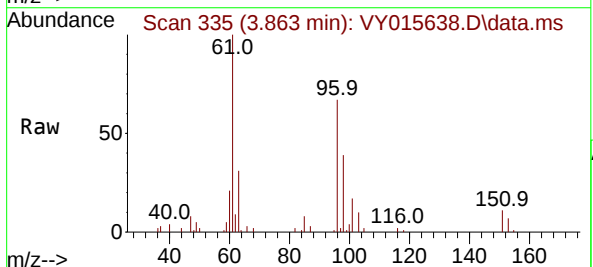
Tgt Ion: 96 Resp: 14356

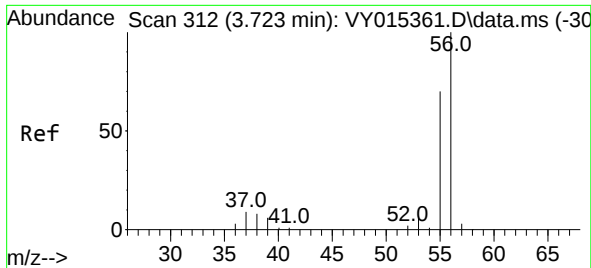
Ion Ratio Lower Upper

96 100

61 149.1 136.4 204.6

98 57.7 49.4 74.2





#13

Acrolein

Concen: 43.307 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 1235

Ion Ratio Lower Upper

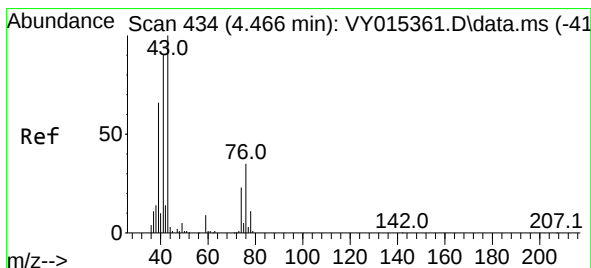
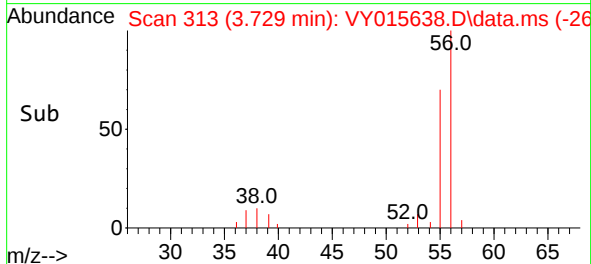
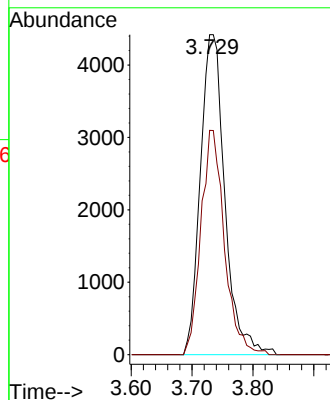
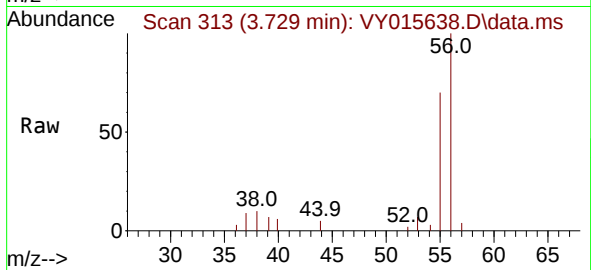
56 100

55 67.1 57.0 85.4

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Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#14

Allyl chloride

Concen: 9.471 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.007 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

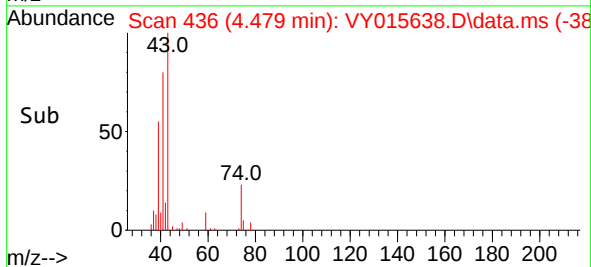
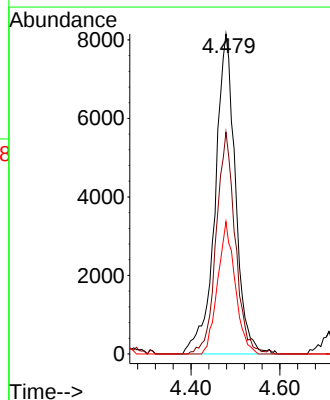
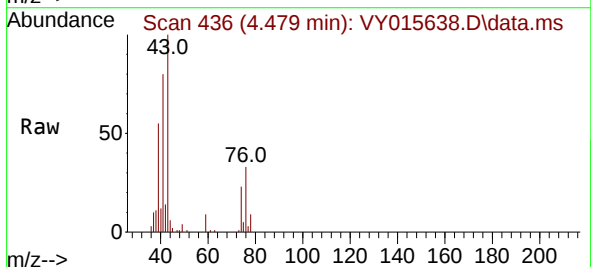
Tgt Ion: 41 Resp: 25789

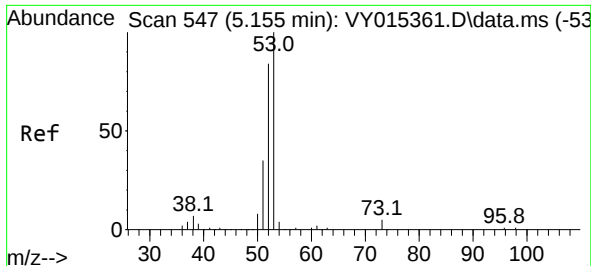
Ion Ratio Lower Upper

41 100

39 64.6 58.0 87.0

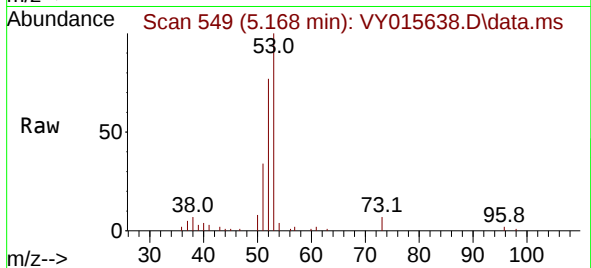
76 35.6 27.4 41.2





#15
Acrylonitrile
Concen: 49.003 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

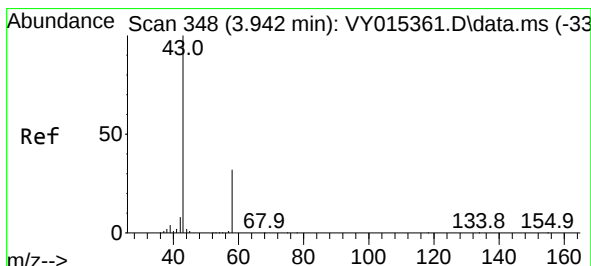
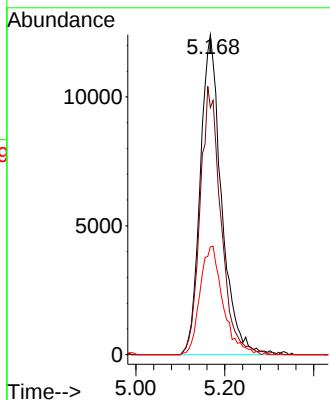
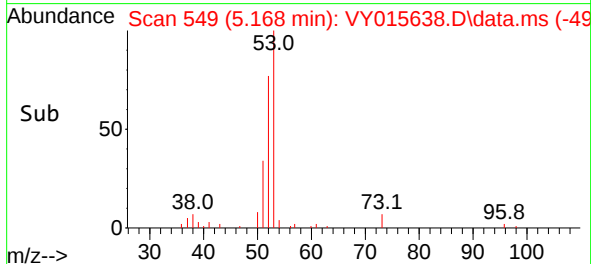
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 41378
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 36.6 29.8 44.6

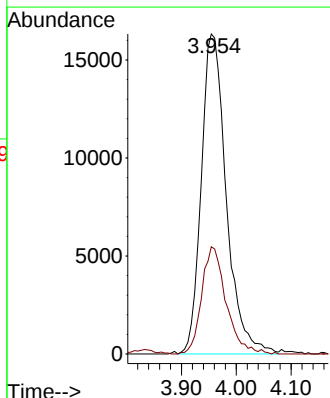
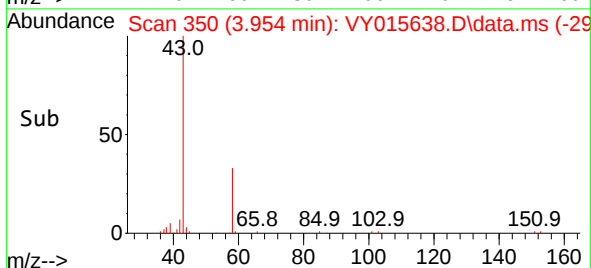
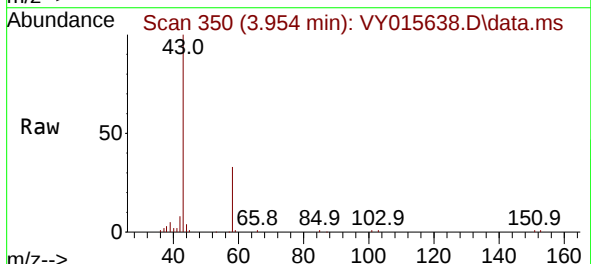
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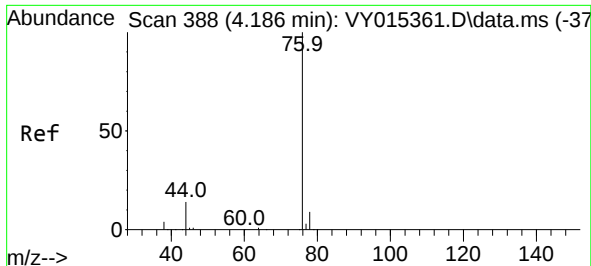
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#16
Acetone
Concen: 51.862 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

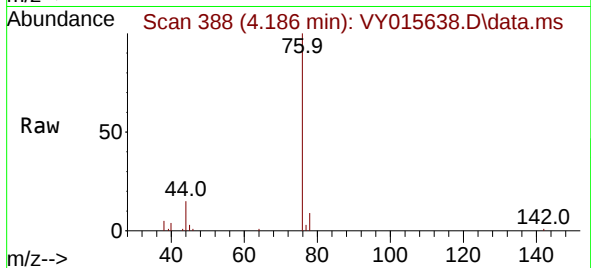
Tgt Ion: 43 Resp: 51693
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1





#17
Carbon Disulfide
Concen: 8.913 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

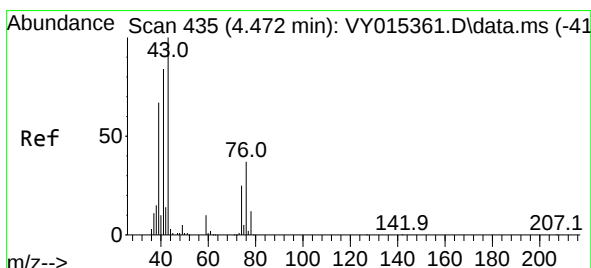
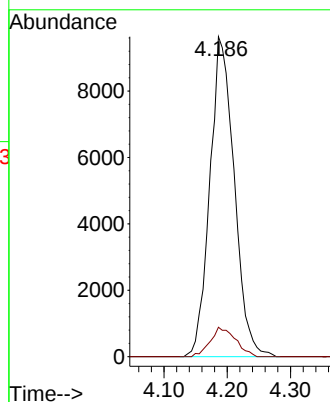
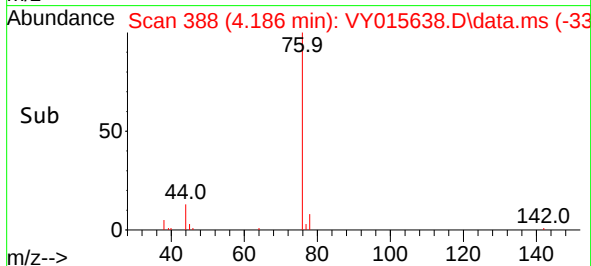
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



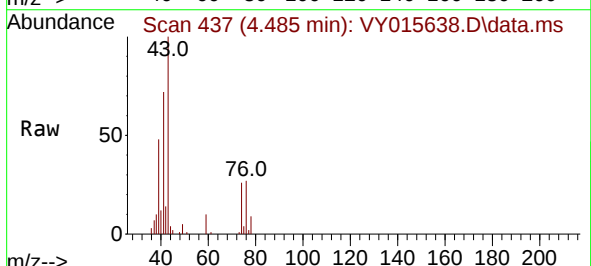
Tgt Ion: 76 Resp: 2578
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

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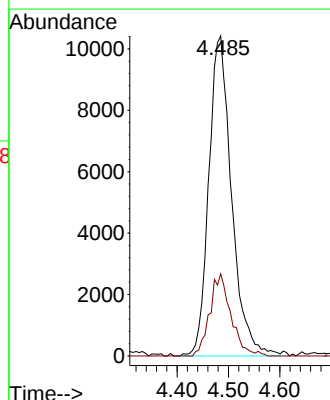
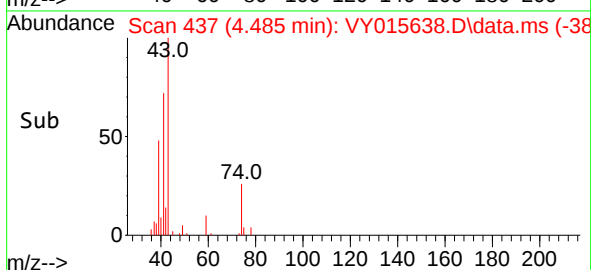
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

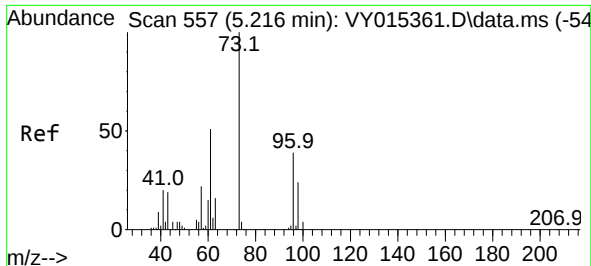


#18
Methyl Acetate
Concen: 9.602 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03



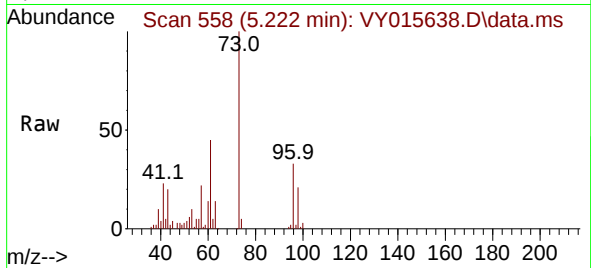
Tgt Ion: 43 Resp: 32111
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 9.375 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

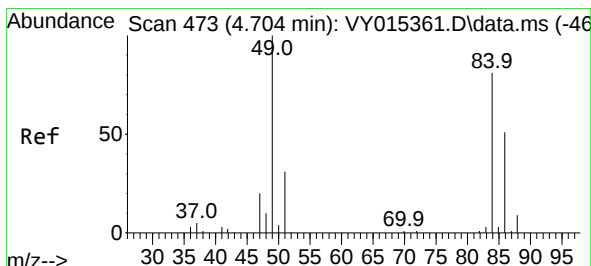
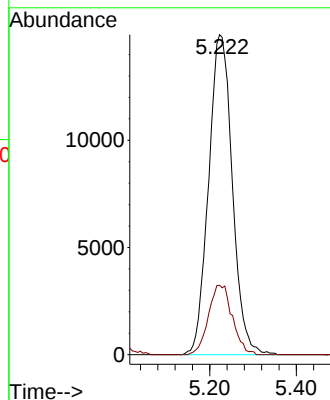
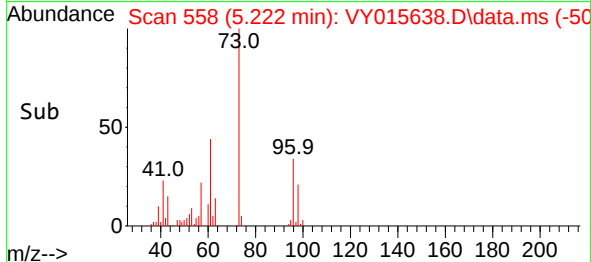
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



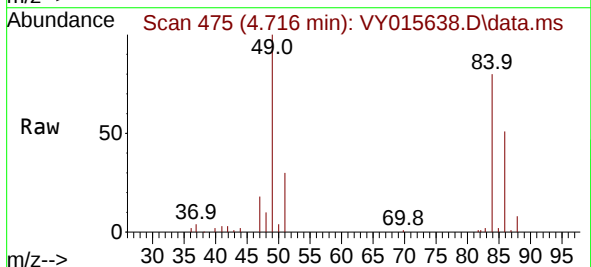
Tgt Ion: 73 Resp: 5686
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

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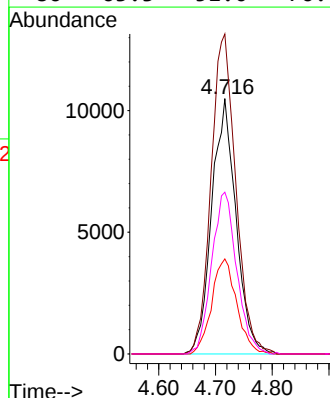
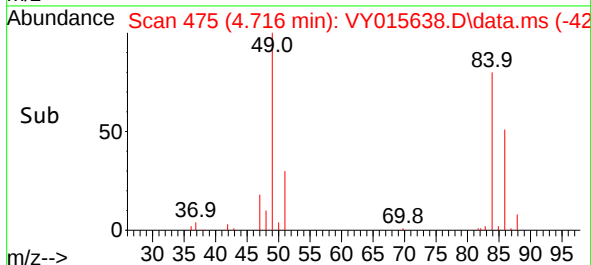
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

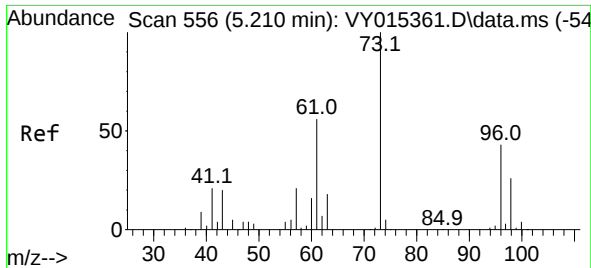


#20
Methylene Chloride
Concen: 10.497 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03



Tgt Ion: 84 Resp: 31261
Ion Ratio Lower Upper
84 100
49 125.3 106.9 160.3
51 37.3 33.2 49.8
86 63.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 9.337 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 1589

Ion Ratio Lower Upper

96 100

61 147.1 110.2 165.4

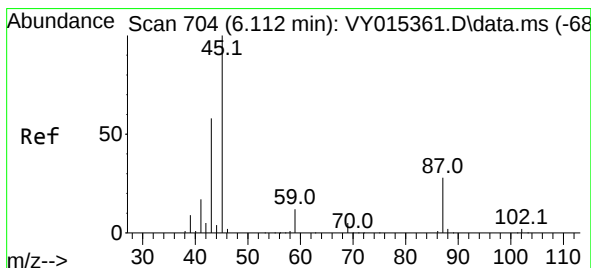
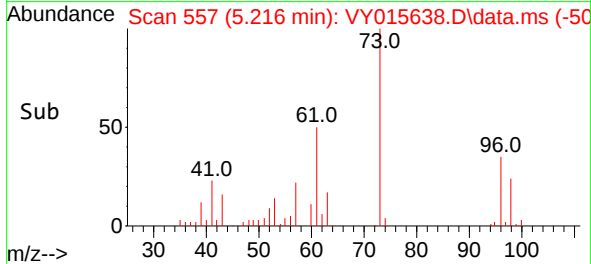
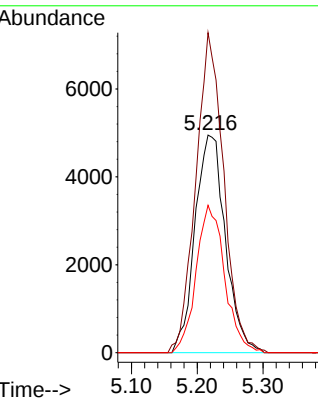
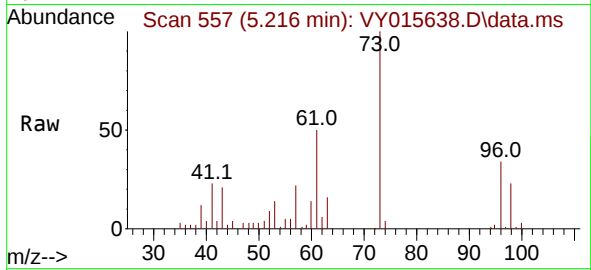
98 67.8 51.8 77.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#22

Diisopropyl ether

Concen: 9.549 ug/l

RT: 6.125 min Scan# 706

Delta R.T. 0.013 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Tgt Ion: 45 Resp: 62575

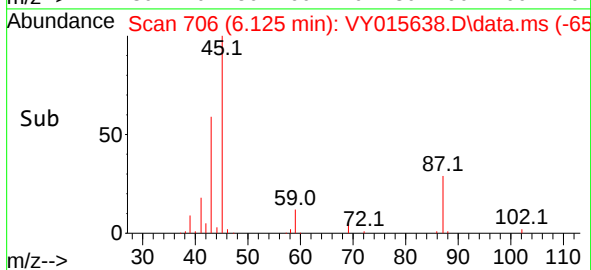
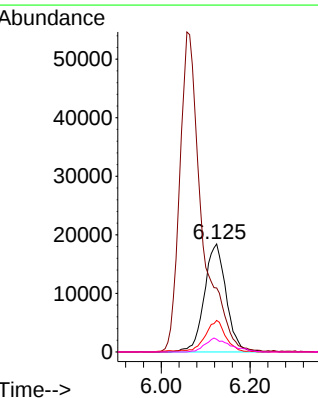
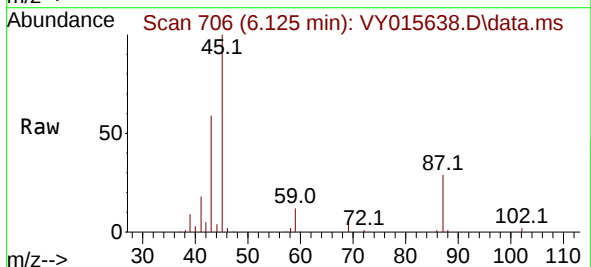
Ion Ratio Lower Upper

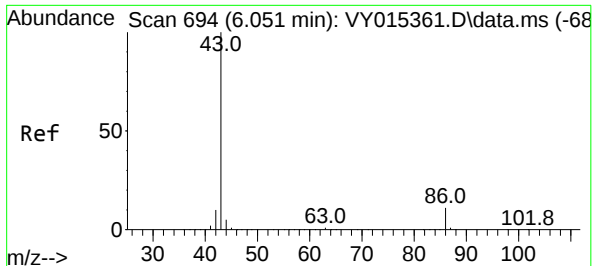
45 100

43 58.0 52.2 78.4

87 29.2 21.0 31.6

59 11.6 8.9 13.3





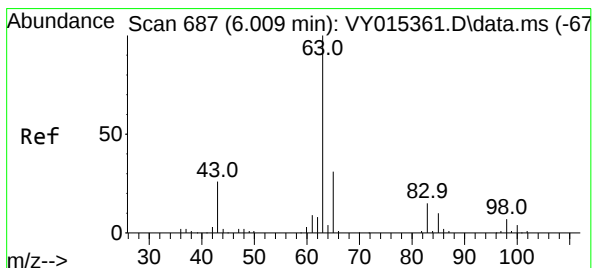
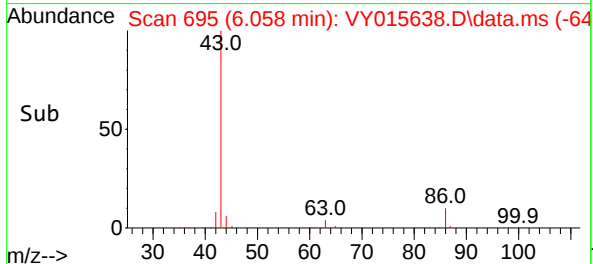
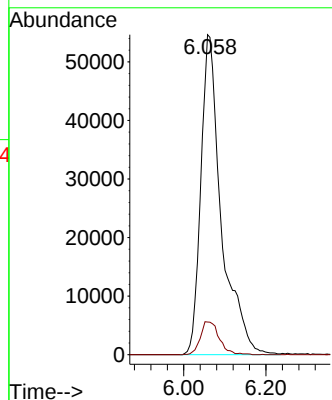
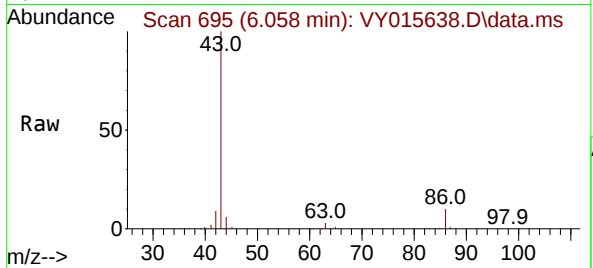
#23
 Vinyl Acetate
 Concen: 46.827 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015638.D
 Acq: 19 Sep 2023 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 189390
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.5 11.3

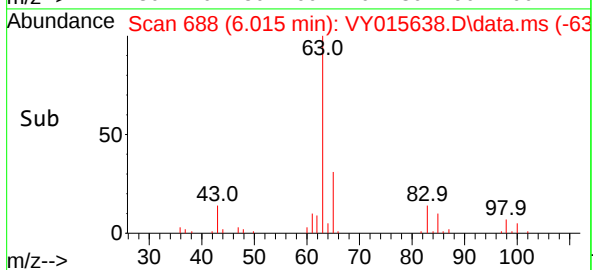
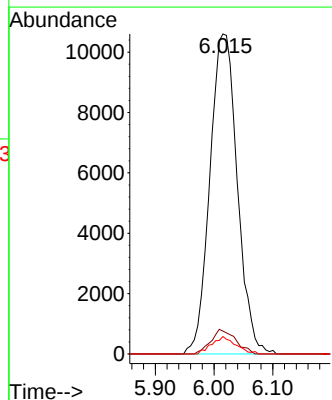
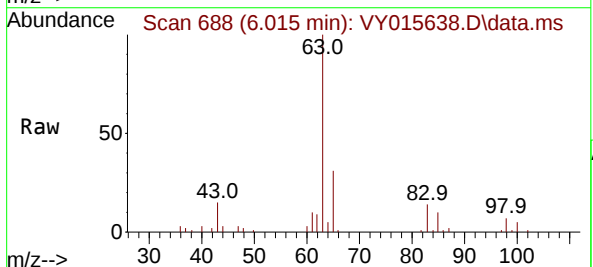
Manual Integrations
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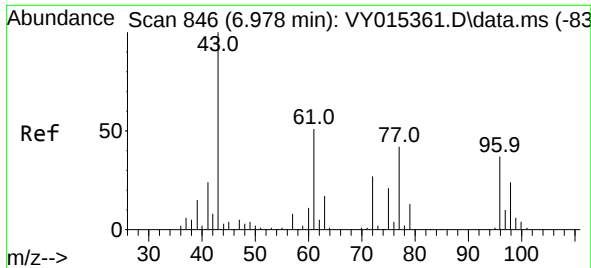
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#24
 1,1-Dichloroethane
 Concen: 9.630 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015638.D
 Acq: 19 Sep 2023 12:03

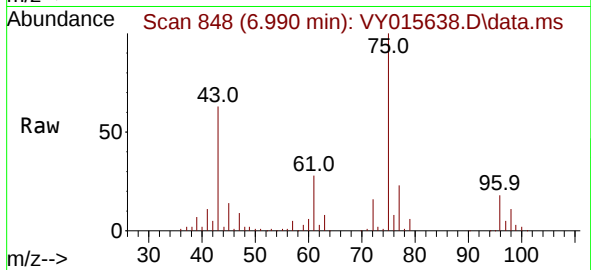
Tgt Ion: 63 Resp: 34396
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 5.4 1.8 5.5





#25
2-Butanone
Concen: 52.538 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

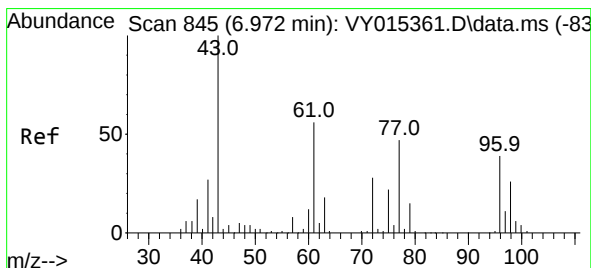
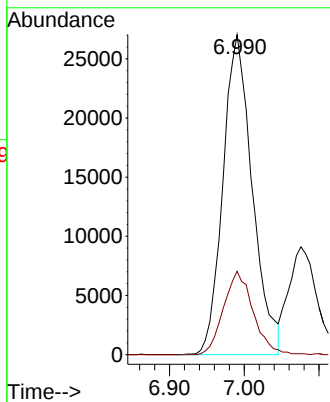
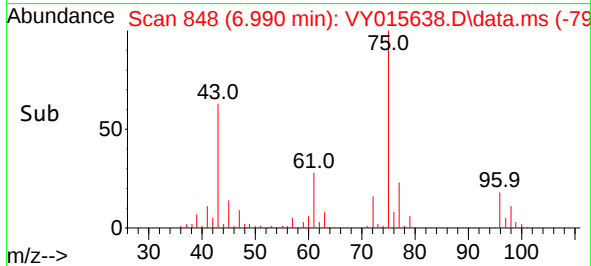
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 74018
Ion Ratio Lower Upper
43 100
72 26.1 20.5 30.7

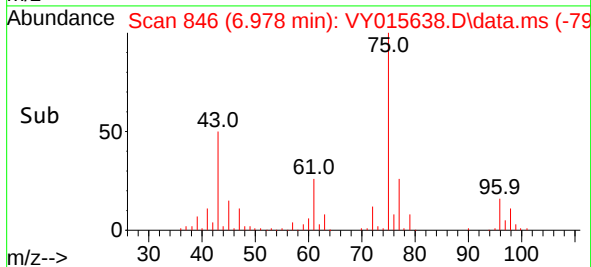
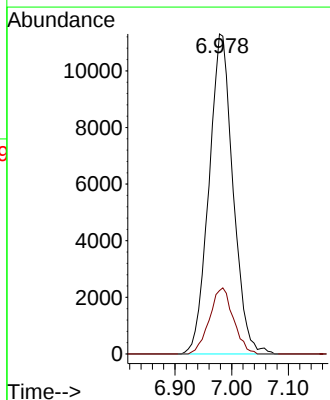
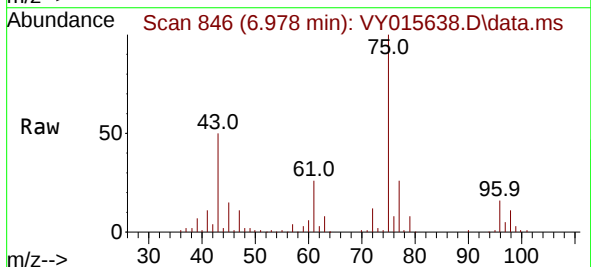
Manual Integrations
APPROVED

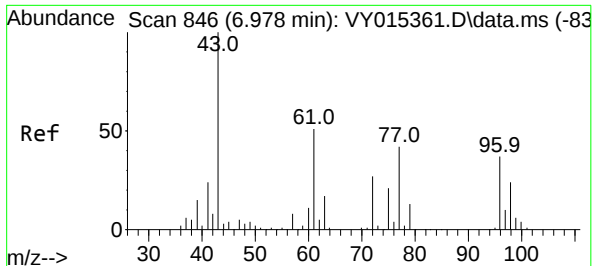
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#26
2,2-Dichloropropane
Concen: 10.215 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

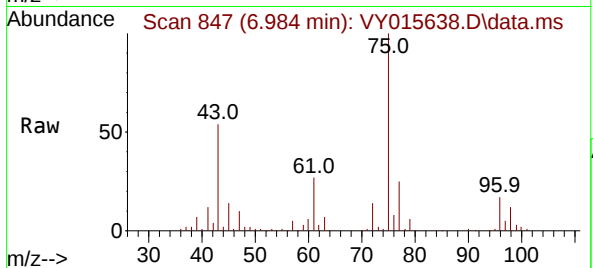
Tgt Ion: 77 Resp: 33346
Ion Ratio Lower Upper
77 100
97 20.5 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 9.442 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015638.D
 Acq: 19 Sep 2023 12:03

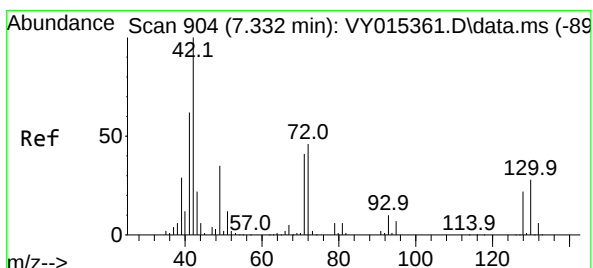
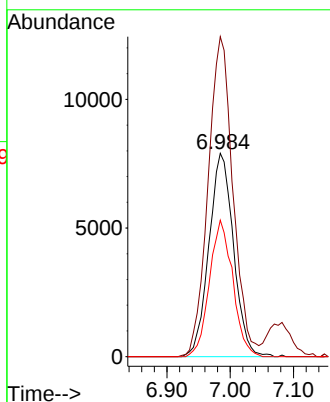
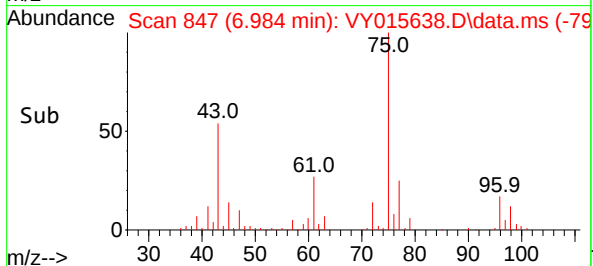
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 21330
 Ion Ratio Lower Upper
 96 100
 61 159.4 0.0 301.4
 98 63.7 0.0 130.4

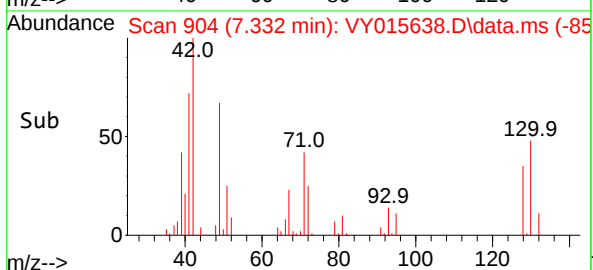
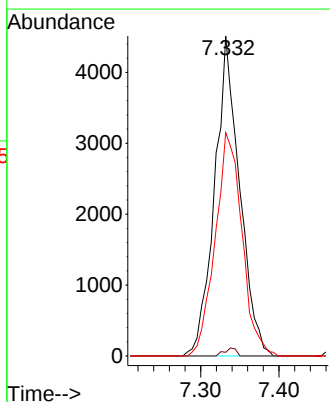
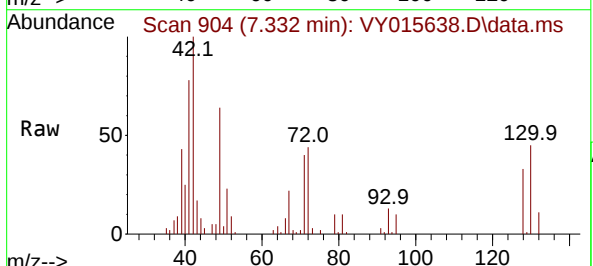
Manual Integrations
 APPROVED

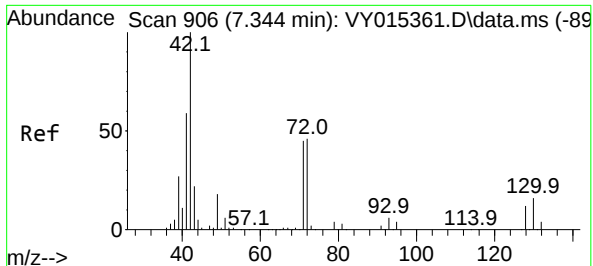
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#28
 Bromochloromethane
 Concen: 10.332 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015638.D
 Acq: 19 Sep 2023 12:03

Tgt Ion: 49 Resp: 10012
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 74.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 48.742 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

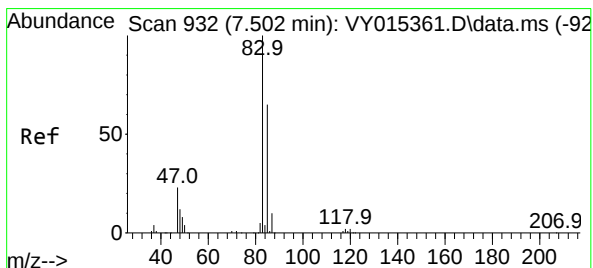
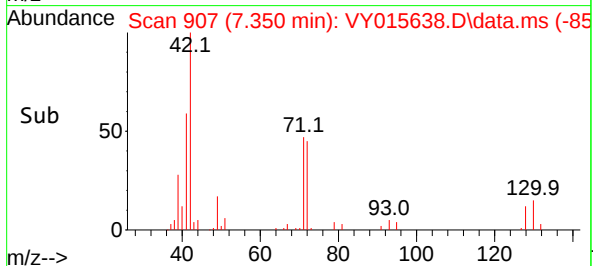
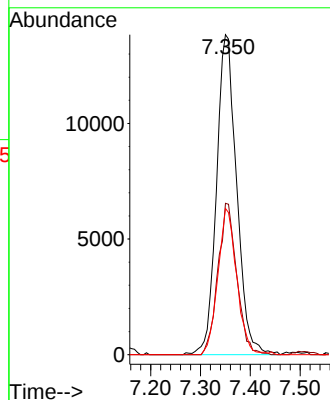
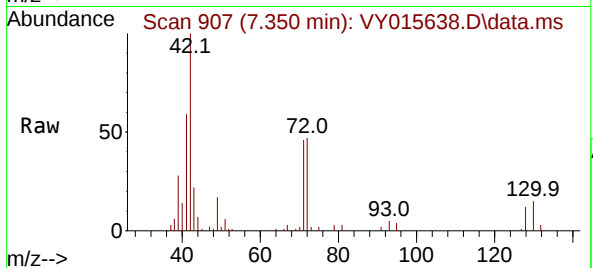
VSTDICC010

Tgt Ion:	42	Resp:	3881
Ion	Ratio	Lower	Upper
42	100		
72	44.3	32.8	49.2
71	42.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#30

Chloroform

Concen: 9.738 ug/l

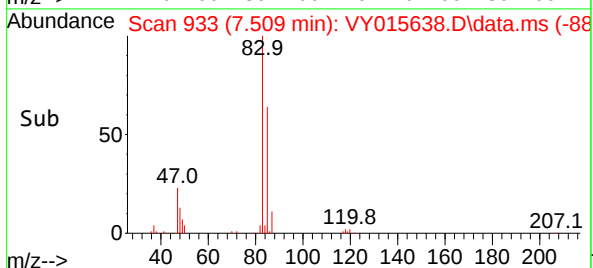
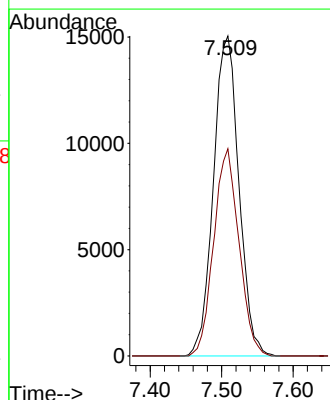
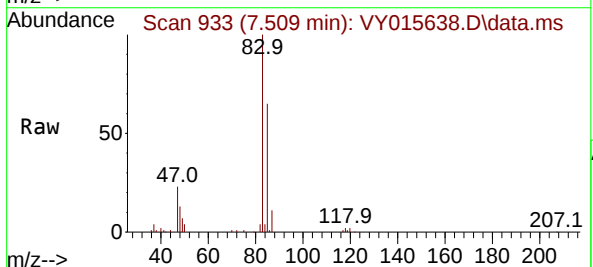
RT: 7.509 min Scan# 933

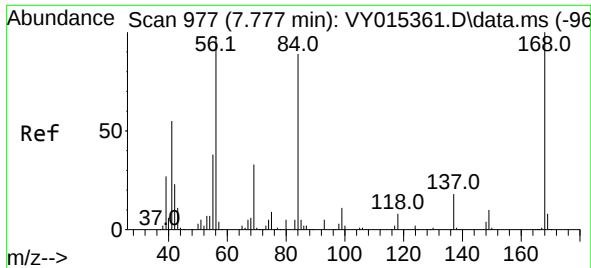
Delta R.T. 0.012 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

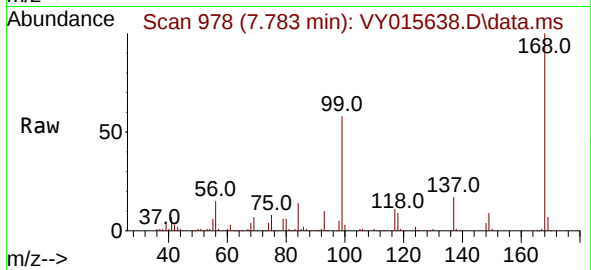
Tgt Ion:	83	Resp:	37249
Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.7	74.5





#31
Cyclohexane
Concen: 10.074 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

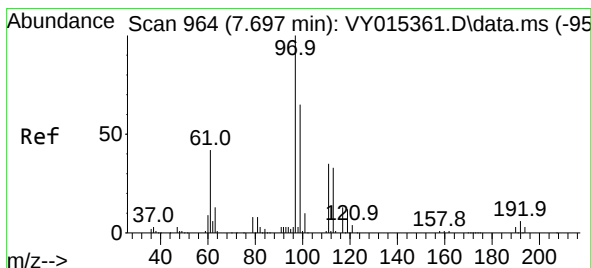
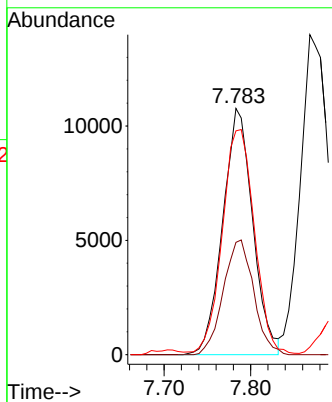
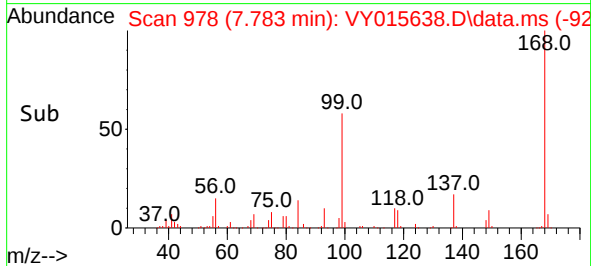
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



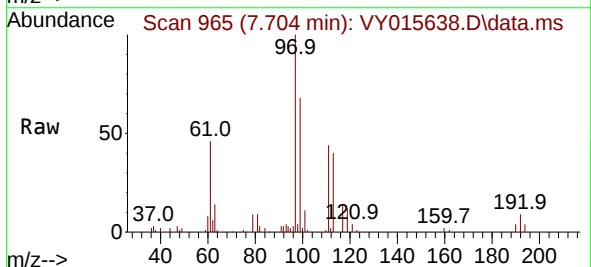
Tgt Ion: 56 Resp: 2599
Ion Ratio Lower Upper
56 100
69 45.6 27.8 41.6
84 89.5 66.4 99.6

Manual Integrations
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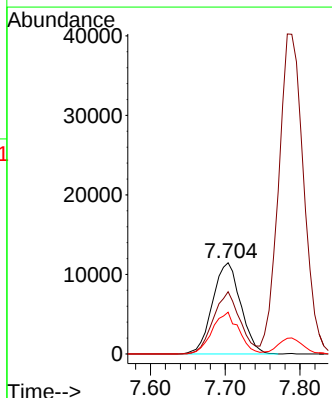
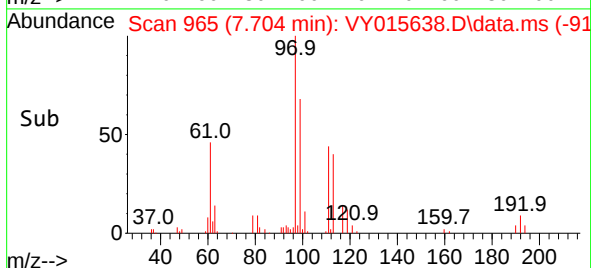
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

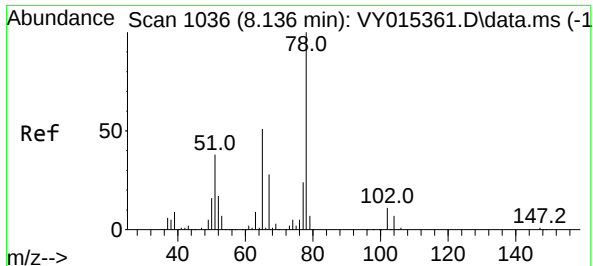


#32
1,1,1-Trichloroethane
Concen: 9.497 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03



Tgt Ion: 97 Resp: 29989
Ion Ratio Lower Upper
97 100
99 65.8 50.8 76.2
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 10.258 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 19100

Ion Ratio Lower Upper

65 100

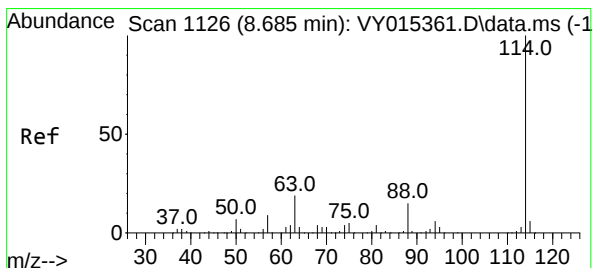
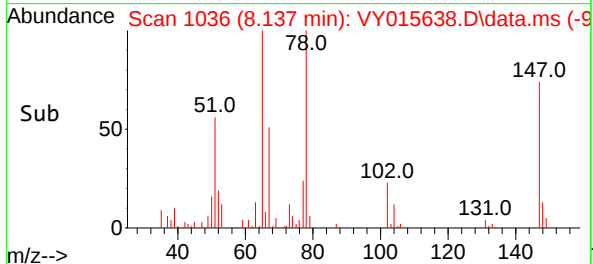
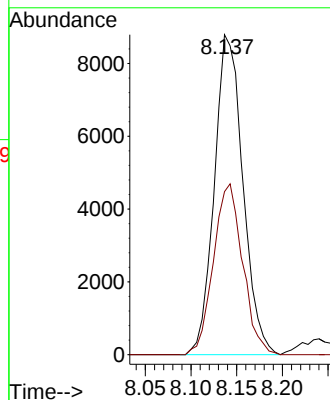
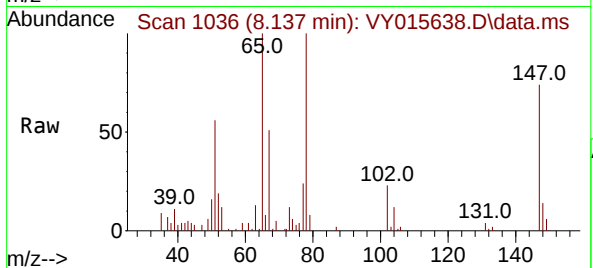
67 54.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

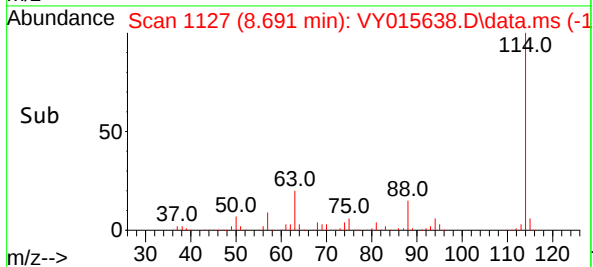
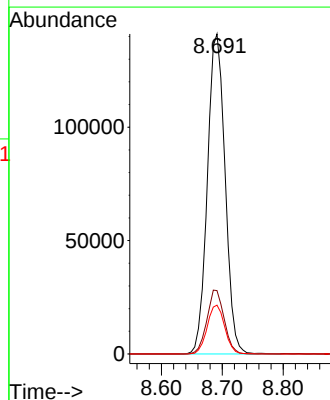
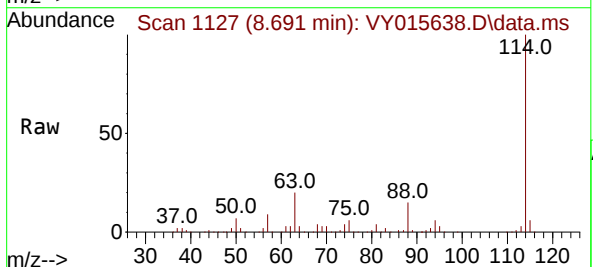
Tgt Ion:114 Resp: 284659

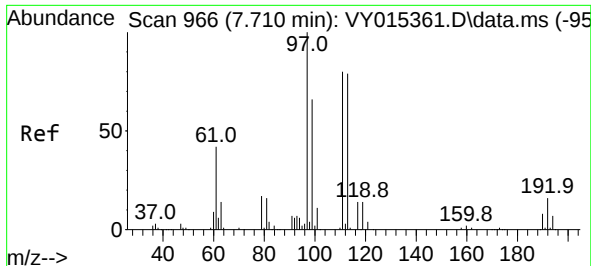
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

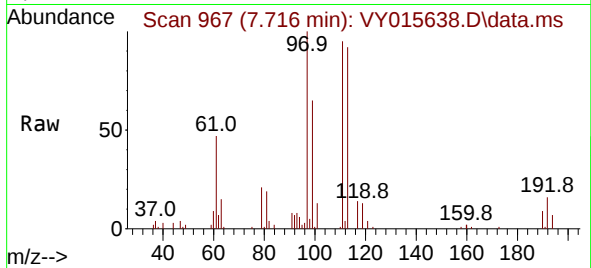
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 10.042 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

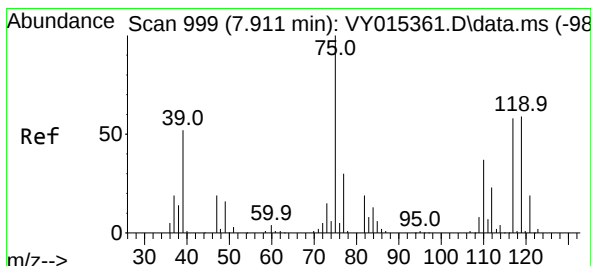
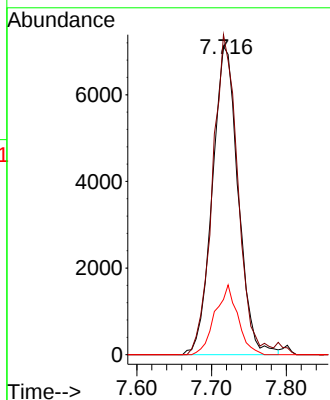
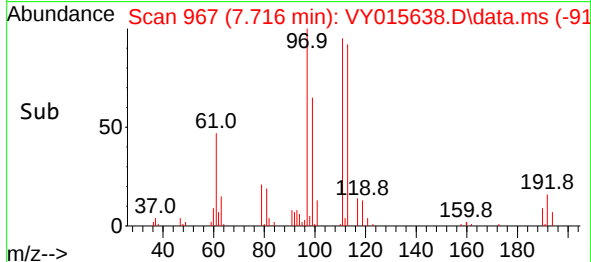
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:113 Resp: 17109
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.9 16.9 25.3

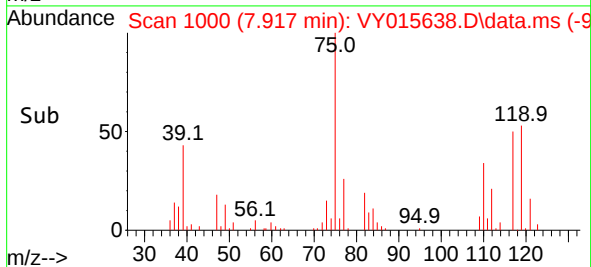
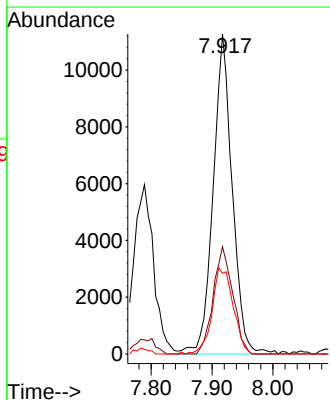
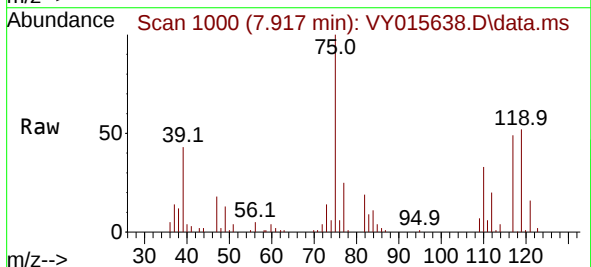
Manual Integrations
APPROVED

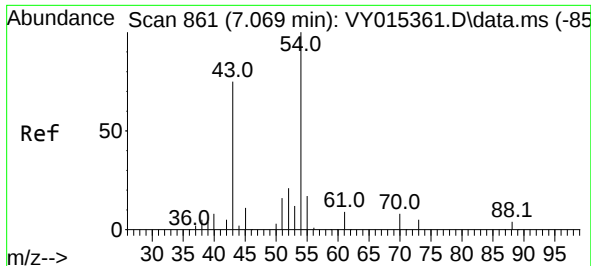
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#36
1,1-Dichloropropene
Concen: 9.723 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion: 75 Resp: 24495
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.5
77 29.8 24.4 36.6





#37

Ethyl Acetate

Concen: 9.693 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

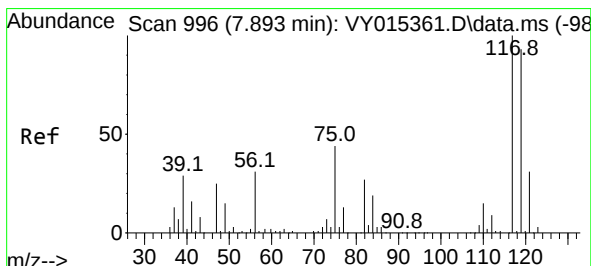
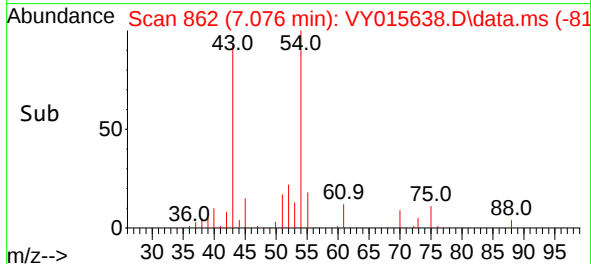
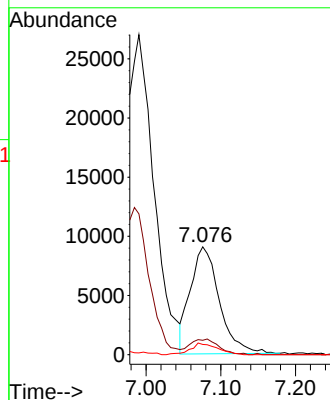
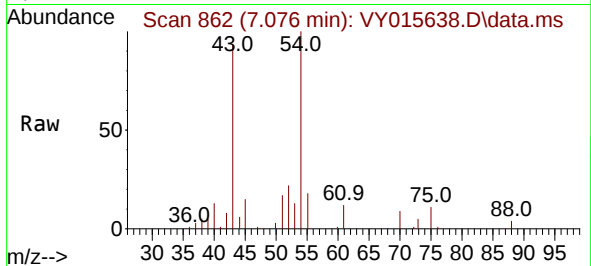
ClientSampleId :

VSTDICC010

Tgt Ion: 43	Resp: 2435
Ion Ratio	Lower Upper
43 100	
61 14.6	10.1 15.1
70 9.9	7.1 10.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#38

Carbon Tetrachloride

Concen: 9.586 ug/l

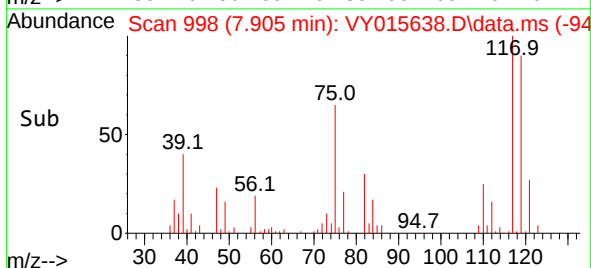
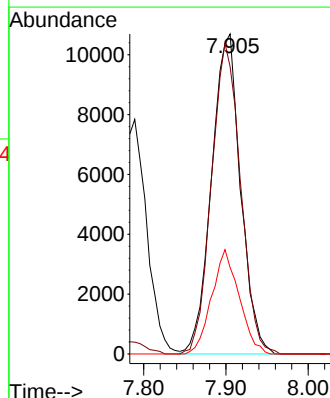
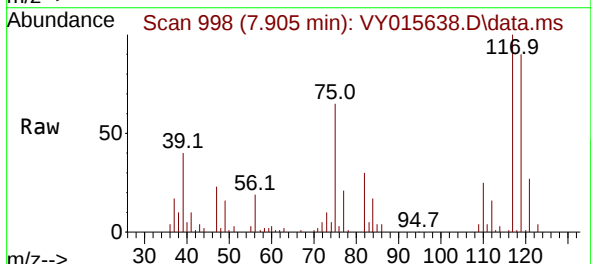
RT: 7.905 min Scan# 998

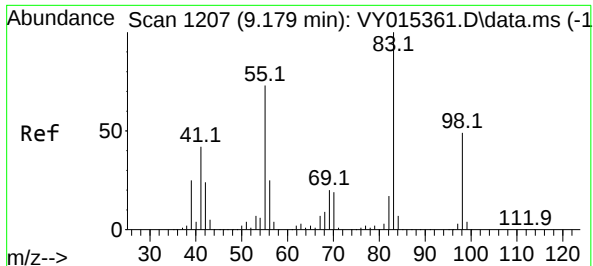
Delta R.T. 0.012 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Tgt Ion:117	Resp: 26212
Ion Ratio	Lower Upper
117 100	
119 89.7	76.4 114.6
121 27.0	25.8 38.6





#39

Methylcyclohexane

Concen: 9.467 ug/l

RT: 9.185 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

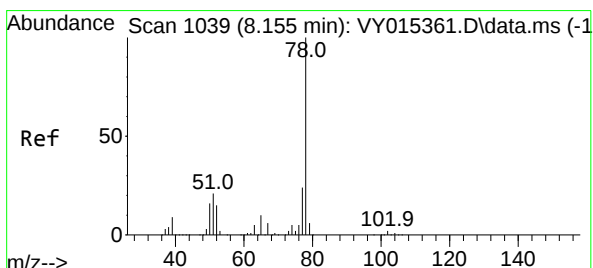
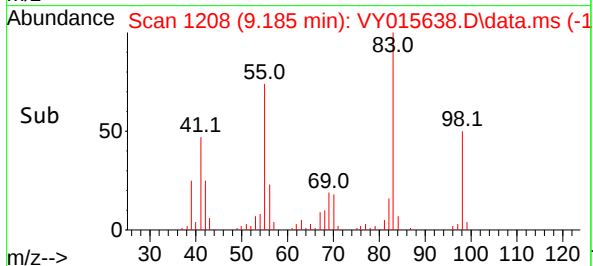
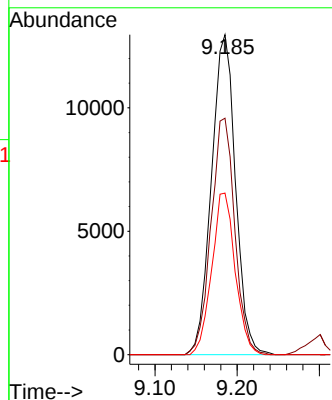
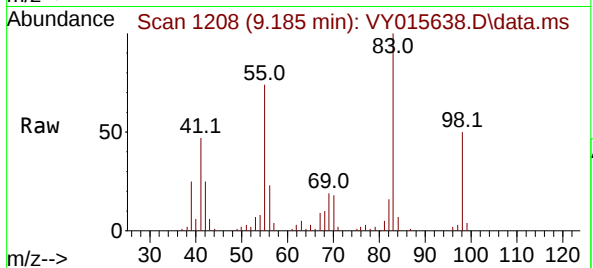
VSTDICC010

Tgt Ion: 83	Resp: 26379
Ion Ratio	Lower Upper
83	100
55	73.9 63.0 94.4
98	50.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#40

Benzene

Concen: 9.602 ug/l

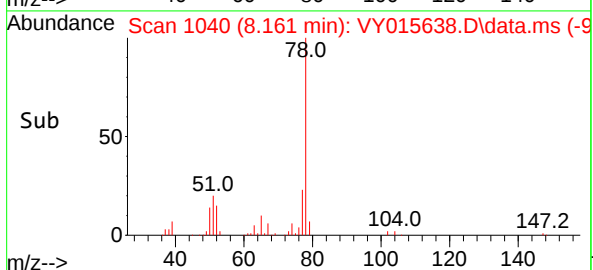
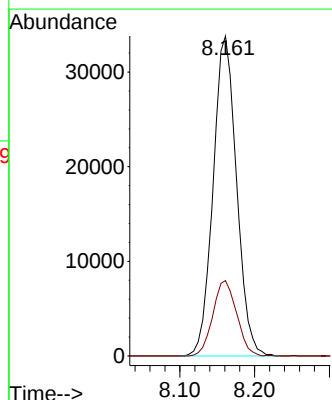
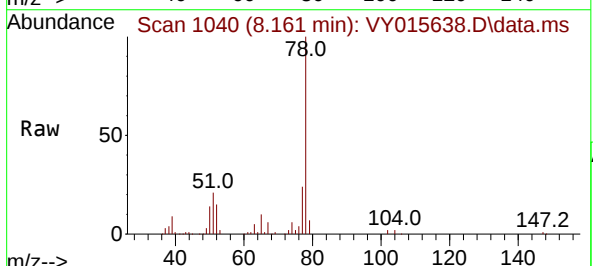
RT: 8.161 min Scan# 1040

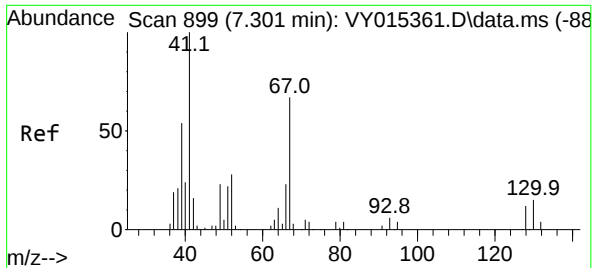
Delta R.T. 0.012 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

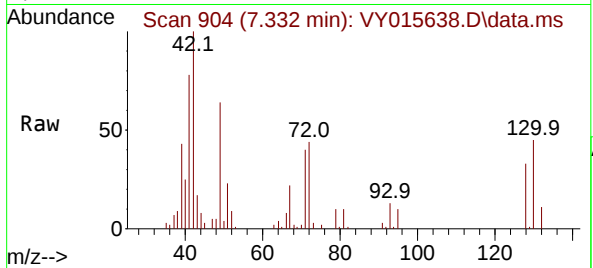
Tgt Ion: 78	Resp: 73765
Ion Ratio	Lower Upper
78	100
77	23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 11.263 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

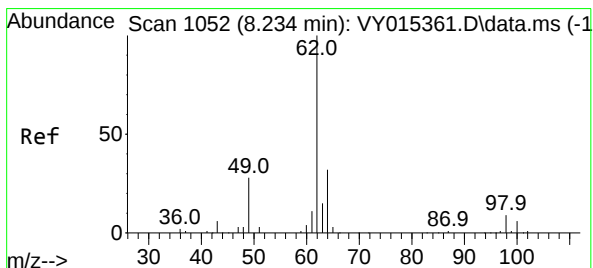
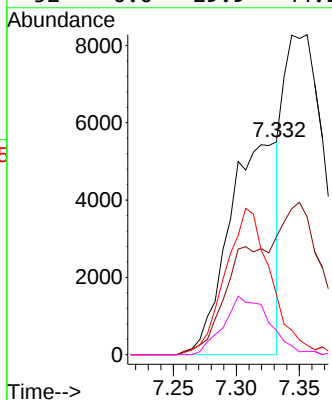
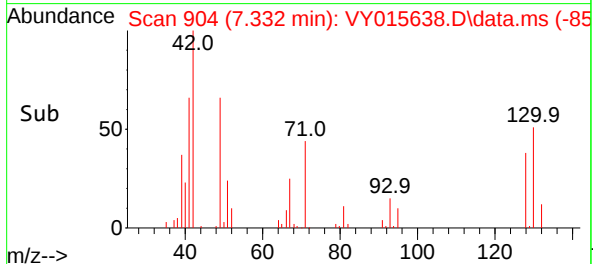
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 14839
Ion Ratio Lower Upper
41 100
39 67.8 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

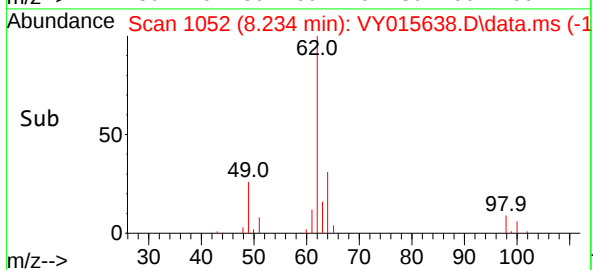
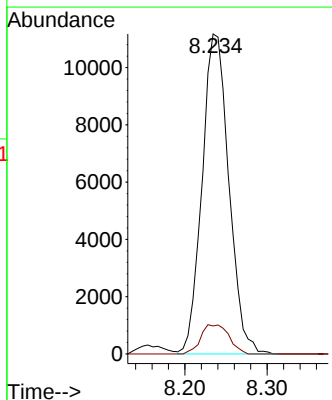
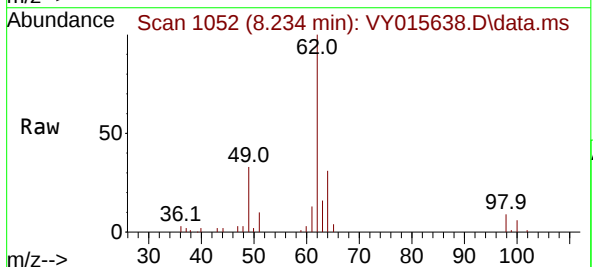
Manual Integrations
APPROVED

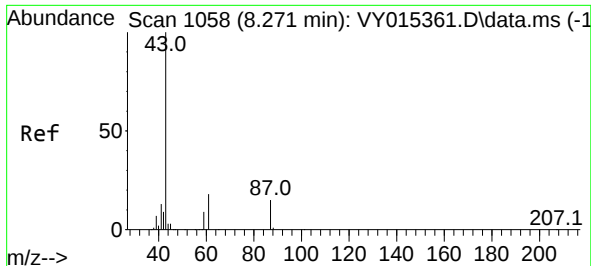
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#42
1,2-Dichloroethane
Concen: 9.622 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion: 62 Resp: 25316
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8





#43

Isopropyl Acetate

Concen: 9.642 ug/l

RT: 8.277 min Scan# 1058

Delta R.T. 0.012 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

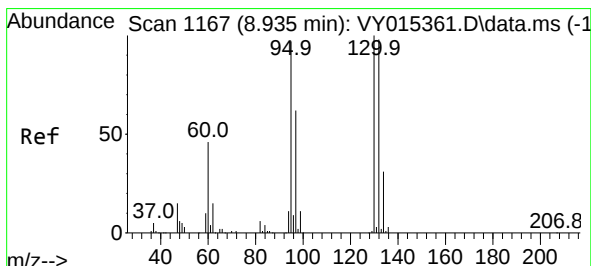
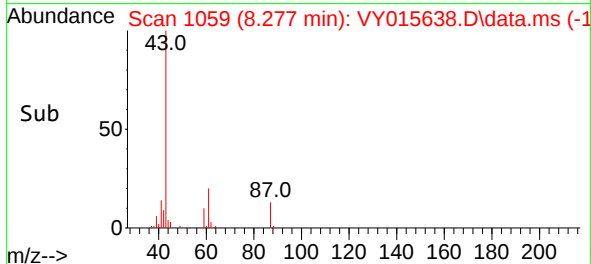
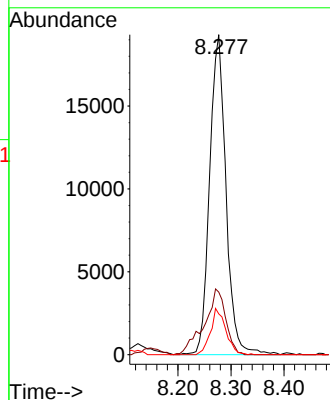
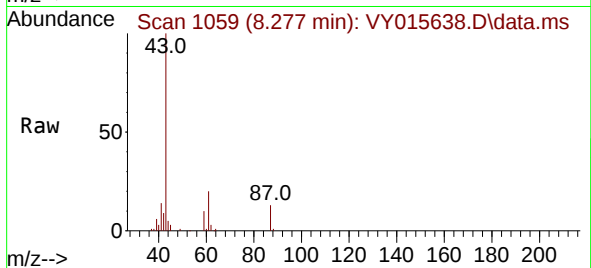
VSTDIC010

Tgt Ion:	43	Resp:	4138
Ion Ratio	Lower	Upper	
43	100		
61	27.0	21.1	31.7
87	13.5	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#44

Trichloroethene

Concen: 9.673 ug/l

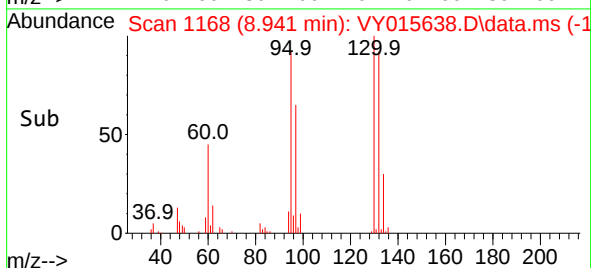
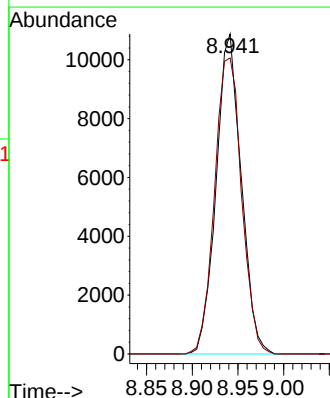
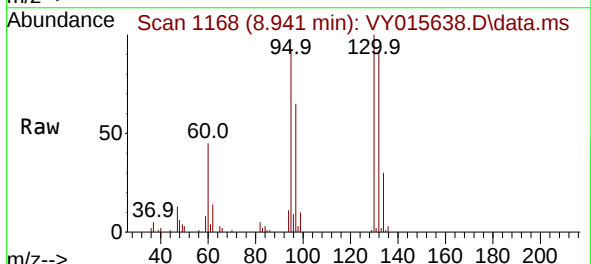
RT: 8.941 min Scan# 1168

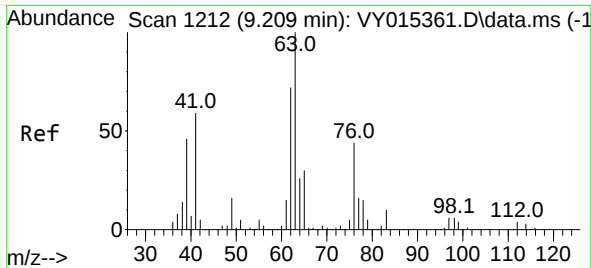
Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

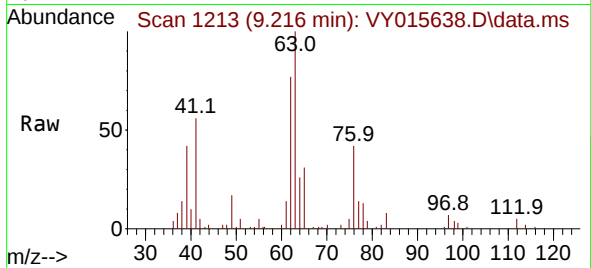
Tgt Ion:	130	Resp:	20755
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	196.0





#45
1,2-Dichloropropane
Concen: 9.683 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

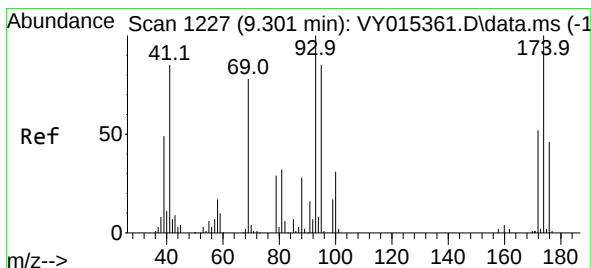
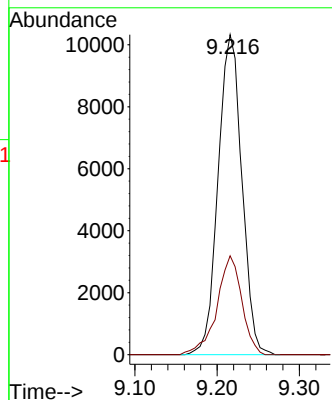
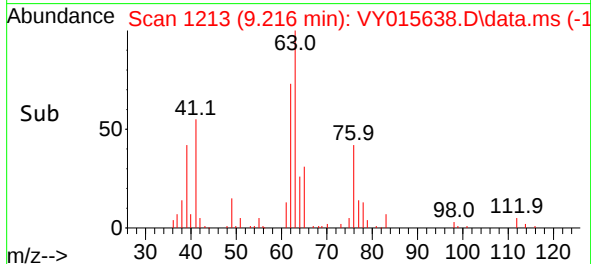
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



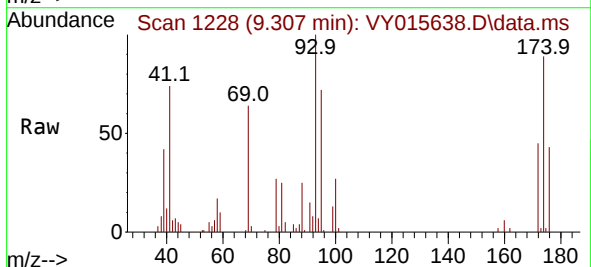
Tgt Ion: 63 Resp: 20745
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6

Manual Integrations
APPROVED

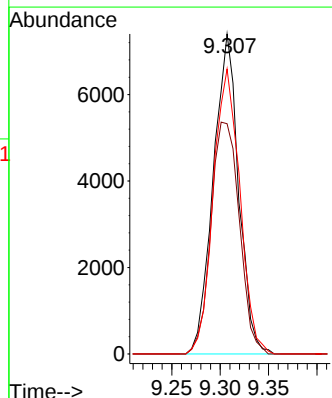
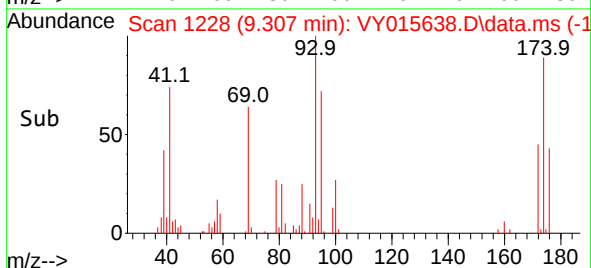
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

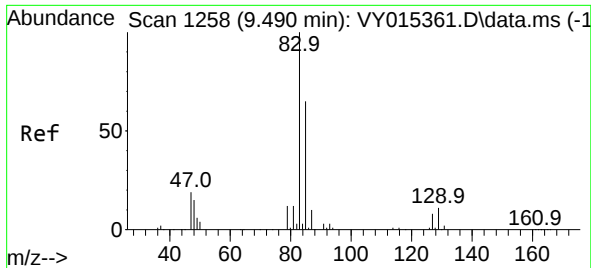


#46
Dibromomethane
Concen: 9.836 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03



Tgt Ion: 93 Resp: 13480
Ion Ratio Lower Upper
93 100
95 81.1 66.6 100.0
174 93.5 84.8 127.2





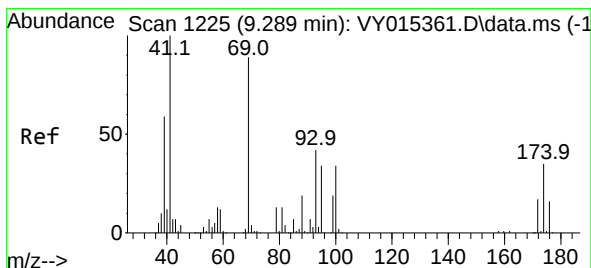
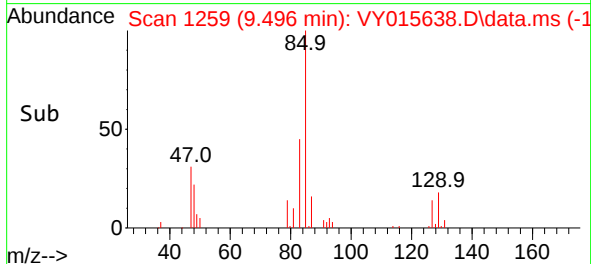
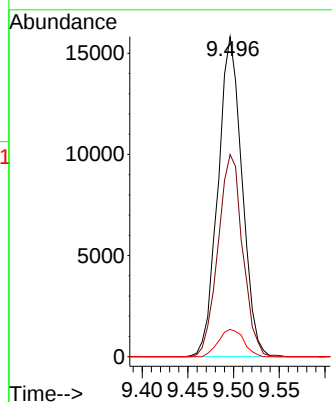
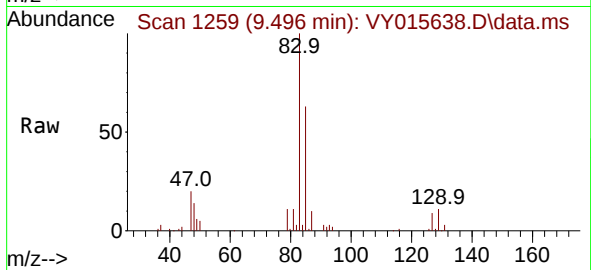
#47
Bromodichloromethane
Concen: 9.485 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 2897
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 8.5 7.1 10.7

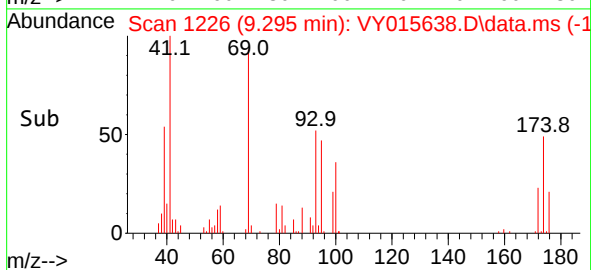
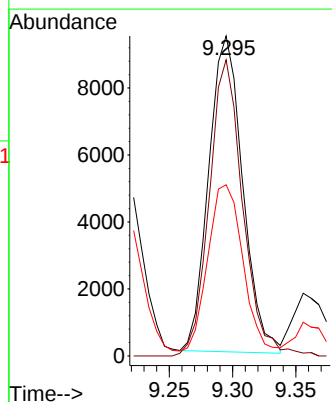
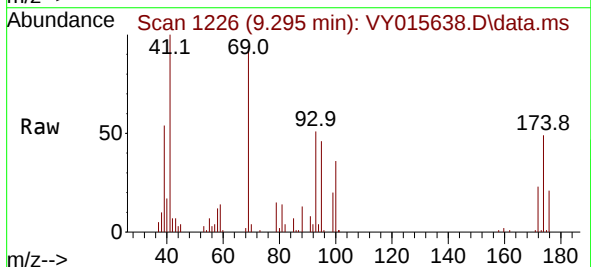
Manual Integrations
APPROVED

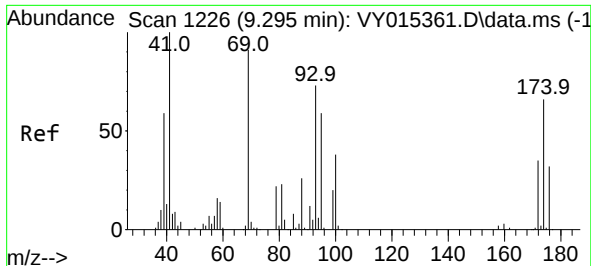
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#48
Methyl methacrylate
Concen: 9.350 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion: 41 Resp: 17616
Ion Ratio Lower Upper
41 100
69 92.4 64.5 96.7
39 56.5 50.8 76.2





#49

1,4-Dioxane

Concen: 201.856 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 546

Ion Ratio Lower Upper

88 100

43 25.2 0.0 0.0

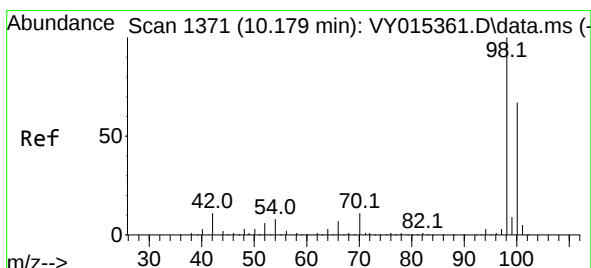
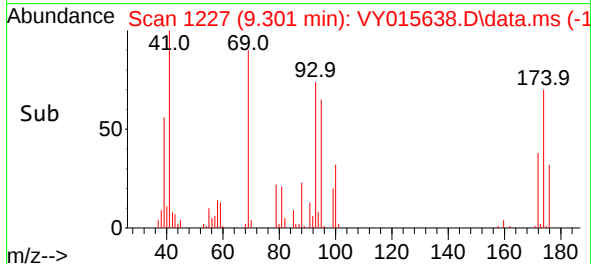
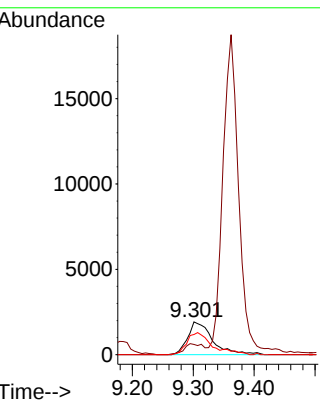
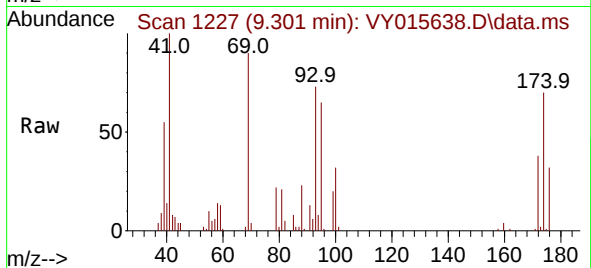
58 68.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#50

Toluene-d8

Concen: 10.448 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015638.D

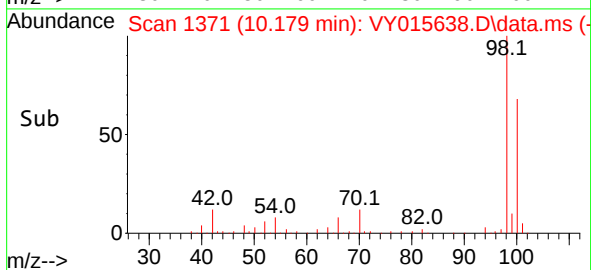
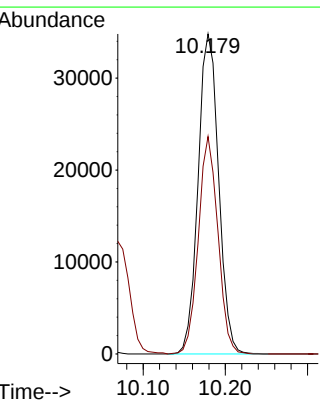
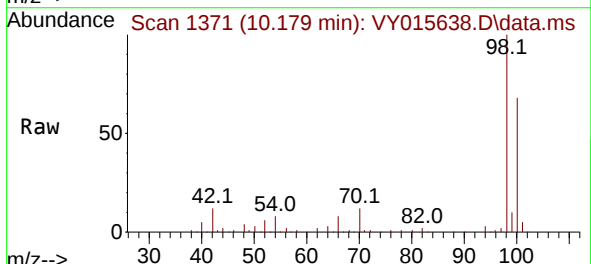
Acq: 19 Sep 2023 12:03

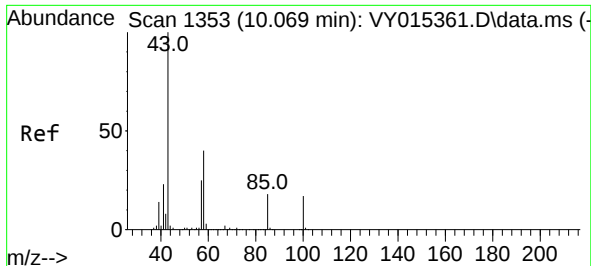
Tgt Ion: 98 Resp: 60360

Ion Ratio Lower Upper

98 100

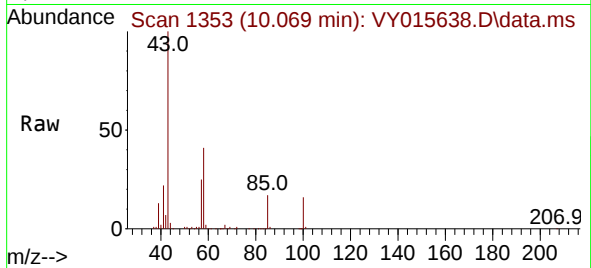
100 64.7 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 48.939 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

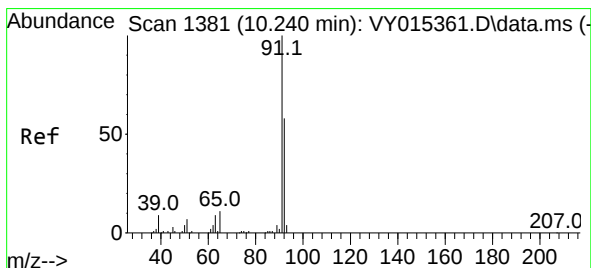
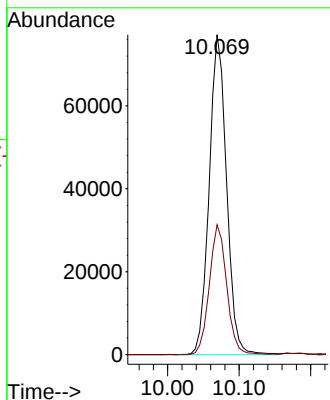
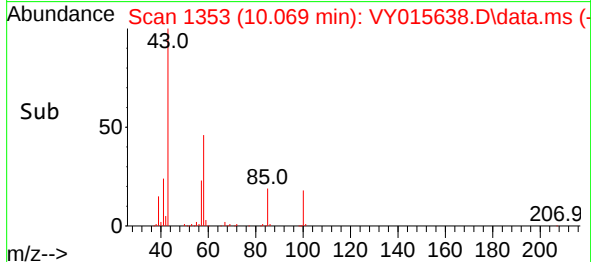
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



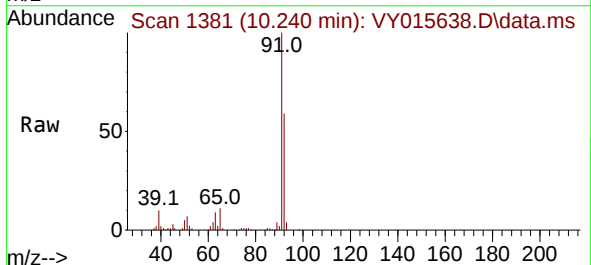
Tgt Ion: 43 Resp: 130199
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6

Manual Integrations
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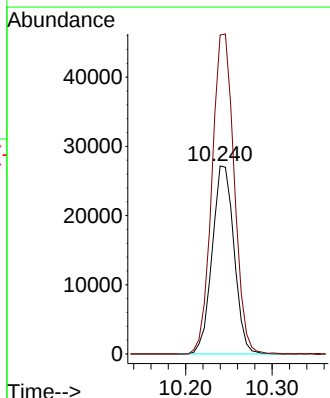
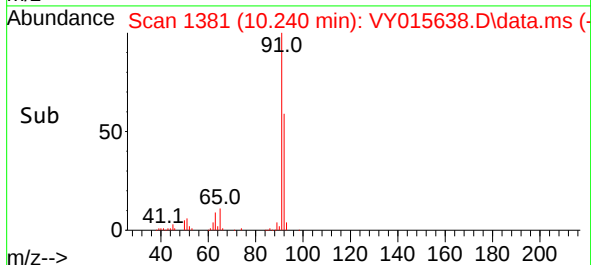
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

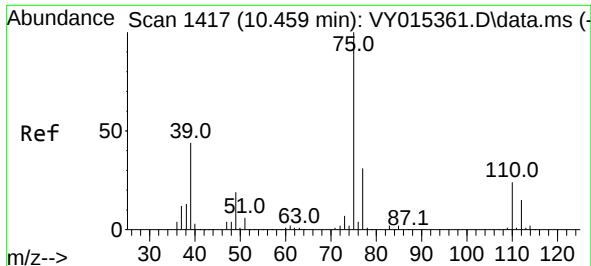


#52
Toluene
Concen: 9.611 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03



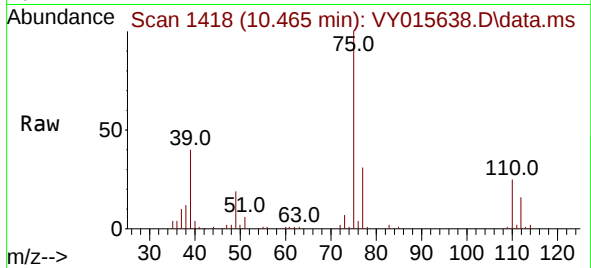
Tgt Ion: 92 Resp: 47600
Ion Ratio Lower Upper
92 100
91 173.1 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 9.435 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015638.D
 Acq: 19 Sep 2023 12:03

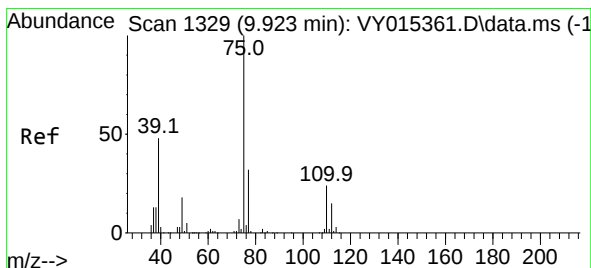
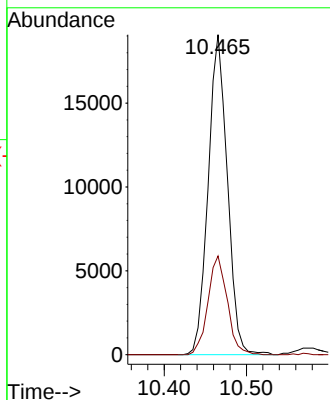
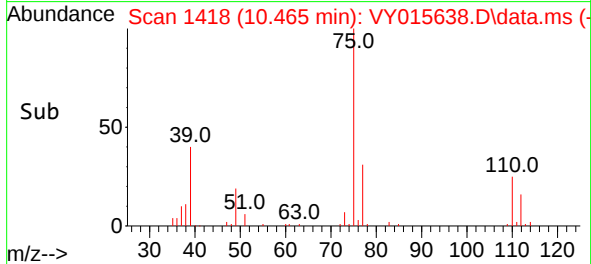
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 30900
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4

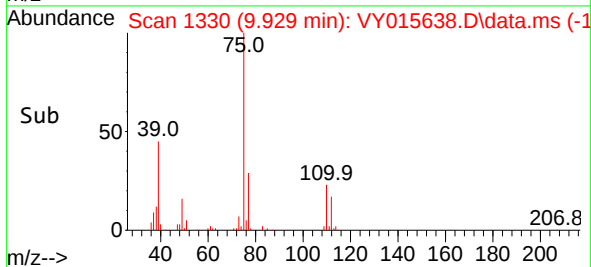
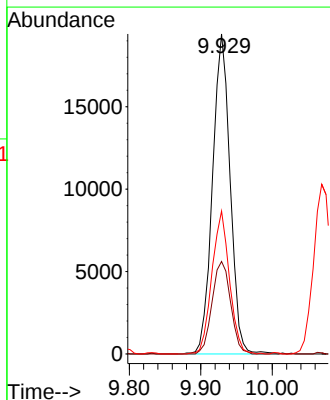
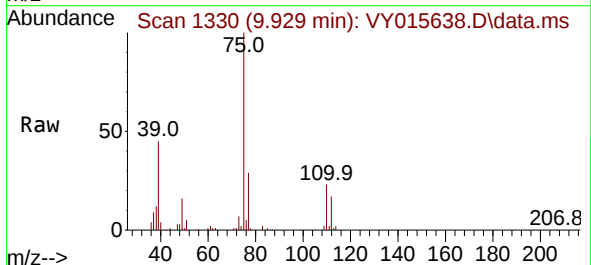
Manual Integrations
 APPROVED

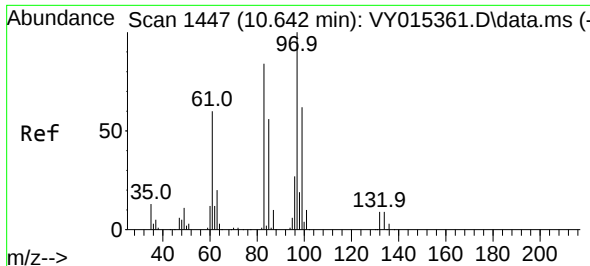
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 9.417 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015638.D
 Acq: 19 Sep 2023 12:03

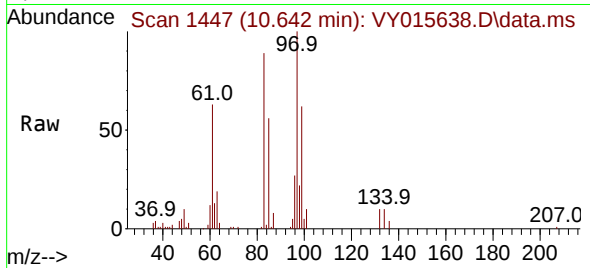
Tgt Ion: 75 Resp: 33204
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.2 36.4
 39 44.7 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 9.625 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

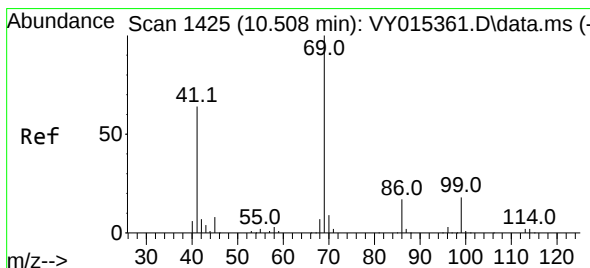
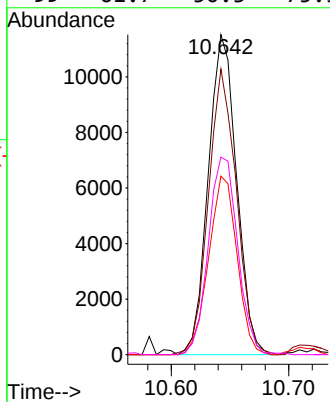
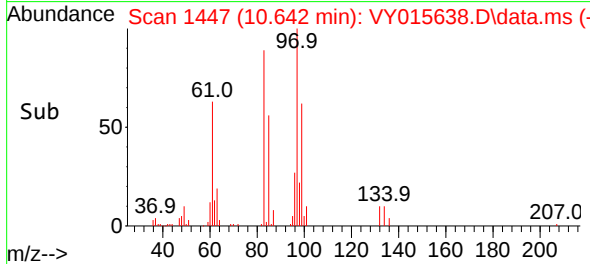
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:	97	Resp:	19330
Ion	Ratio	Lower	Upper
97	100		
83	89.2	72.0	108.0
85	55.8	45.4	68.0
99	61.7	50.3	75.5

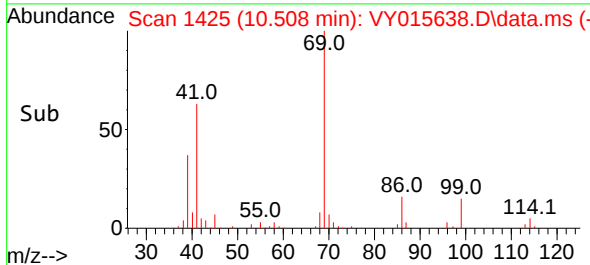
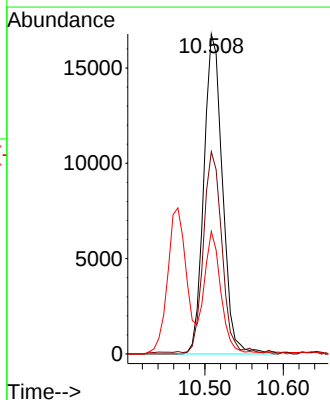
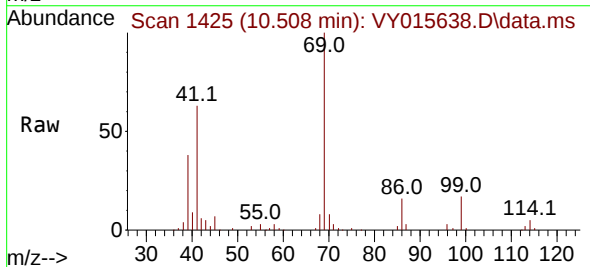
Manual Integrations
APPROVED

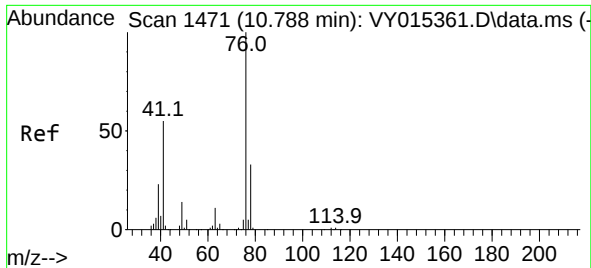
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#56
Ethyl methacrylate
Concen: 9.364 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

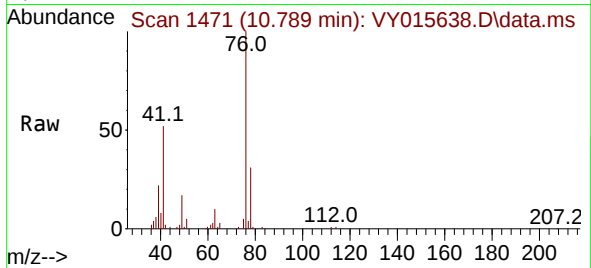
Tgt Ion:	69	Resp:	27715
Ion	Ratio	Lower	Upper
69	100		
41	64.1	57.6	86.4
39	34.1	34.1	51.1





#57
1,3-Dichloropropane
Concen: 9.608 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

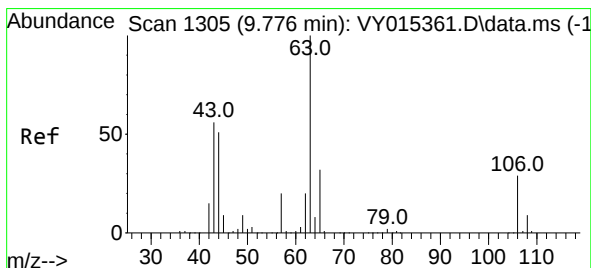
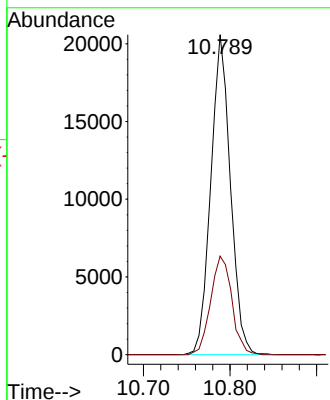
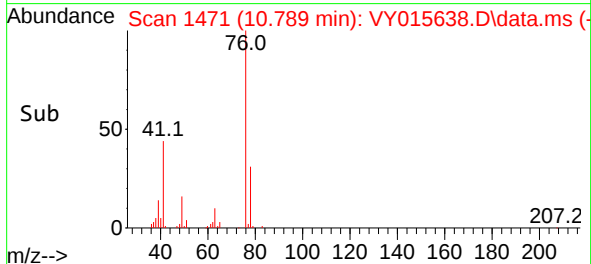
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 3235
Ion Ratio Lower Upper
76 100
78 33.3 25.3 37.9

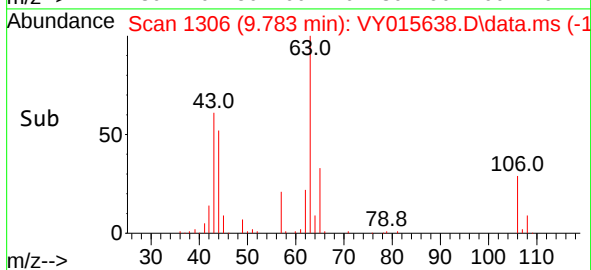
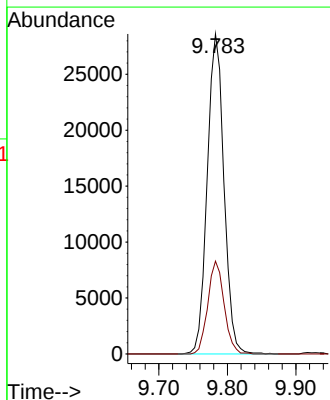
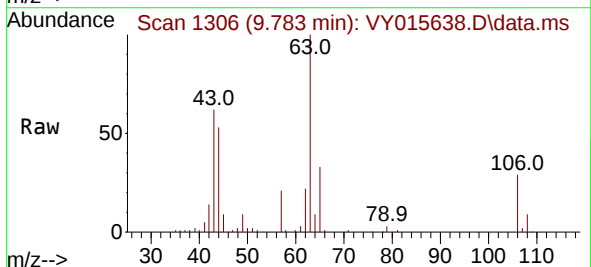
Manual Integrations
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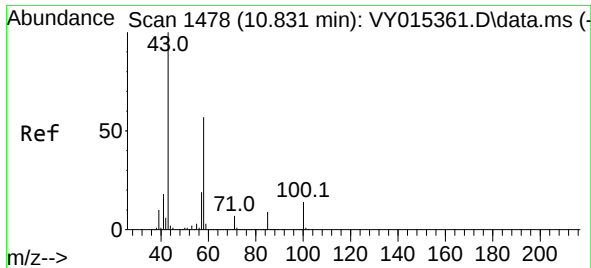
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 51.541 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

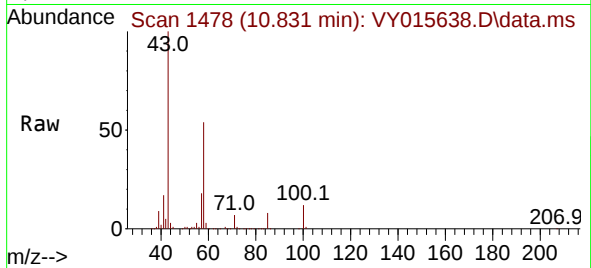
Tgt Ion: 63 Resp: 48454
Ion Ratio Lower Upper
63 100
106 28.3 21.2 31.8





#59
2-Hexanone
Concen: 50.156 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

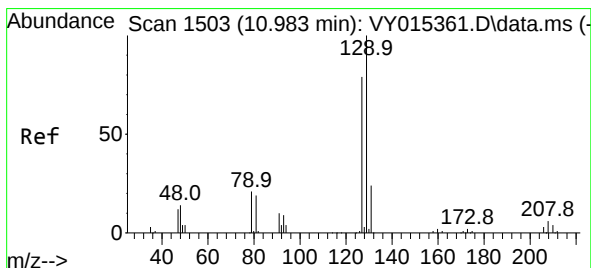
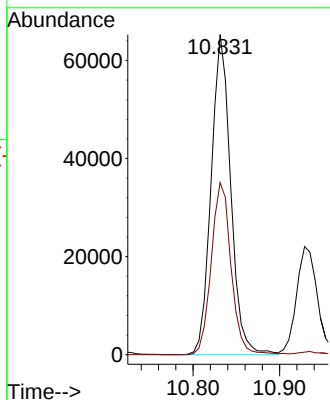
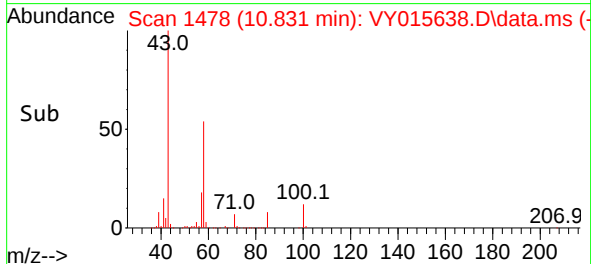
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 102374
Ion Ratio Lower Upper
43 100
58 54.5 25.1 75.3

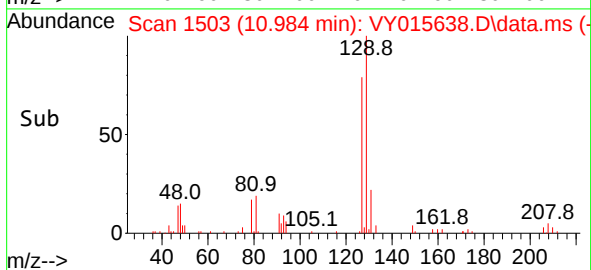
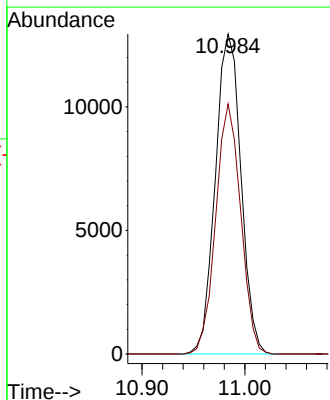
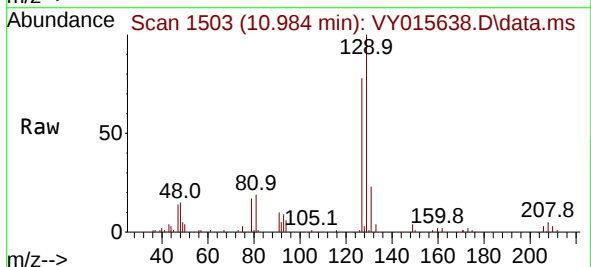
Manual Integrations
APPROVED

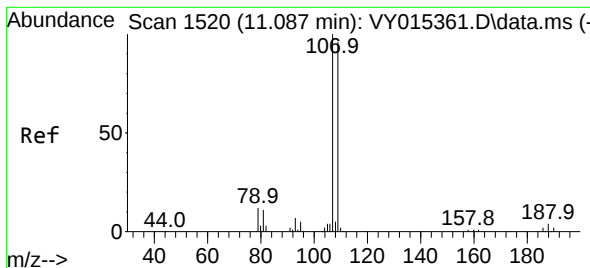
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#60
Dibromochloromethane
Concen: 9.581 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion:129 Resp: 22462
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





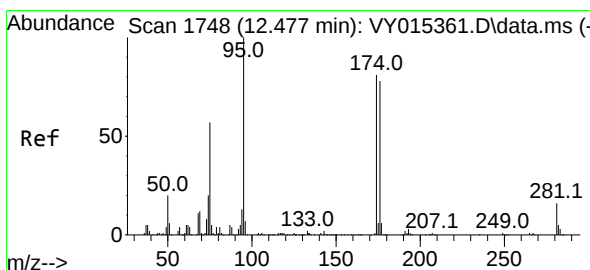
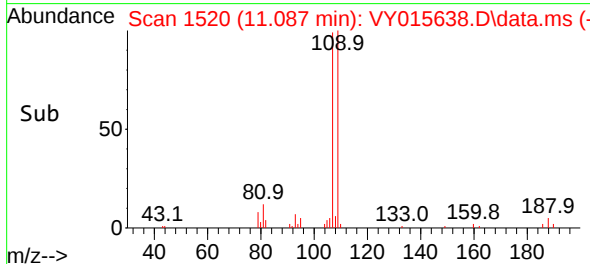
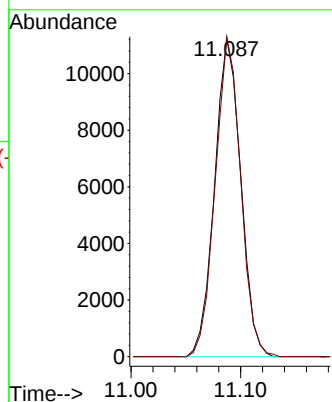
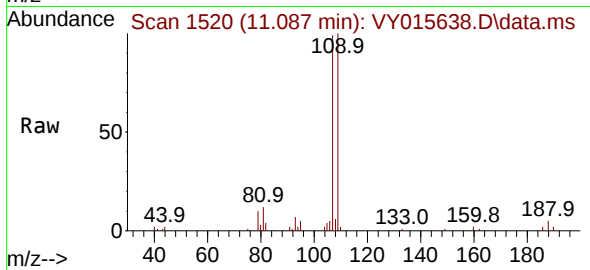
#61
1,2-Dibromoethane
Concen: 9.485 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 18630
Ion Ratio Lower Upper
107 100
109 97.7 75.6 113.4

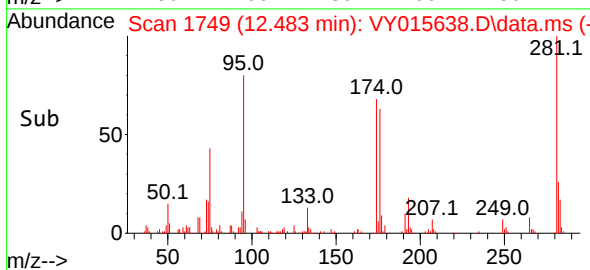
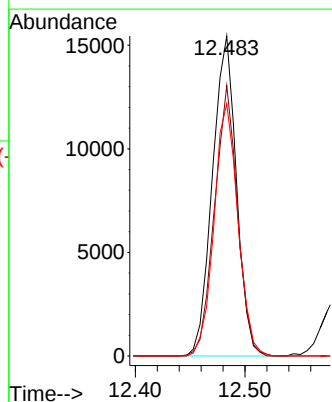
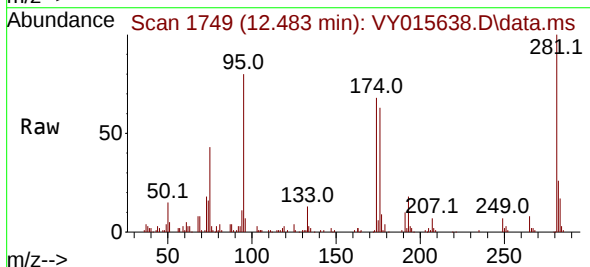
Manual Integrations
APPROVED

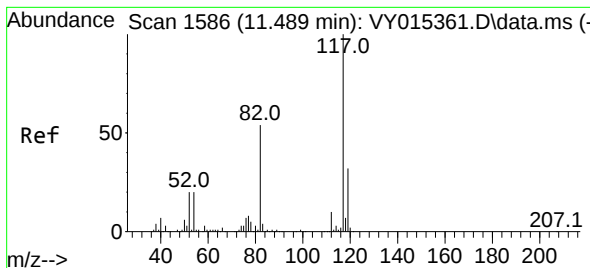
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#62
4-Bromofluorobenzene
Concen: 10.373 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion: 95 Resp: 23517
Ion Ratio Lower Upper
95 100
174 80.7 0.0 178.2
176 78.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:117 Resp: 25715

Ion Ratio Lower Upper

117 100

82 56.6 43.4 65.0

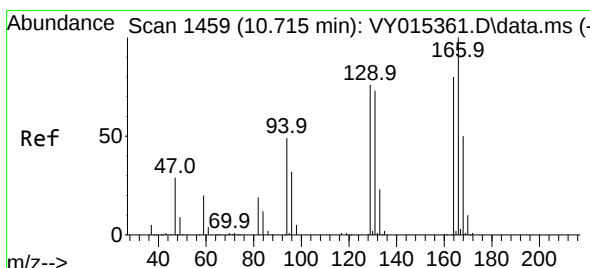
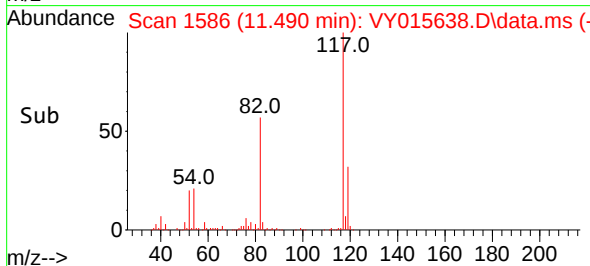
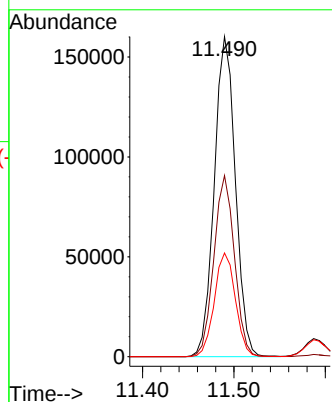
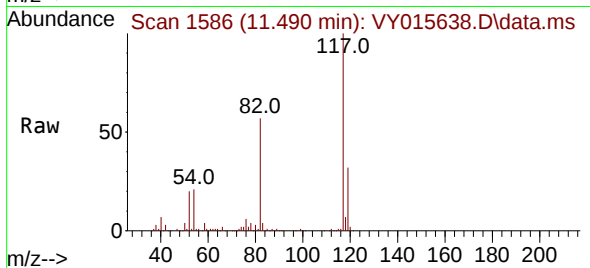
119 32.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#64

Tetrachloroethene

Concen: 10.114 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Tgt Ion:164 Resp: 22314

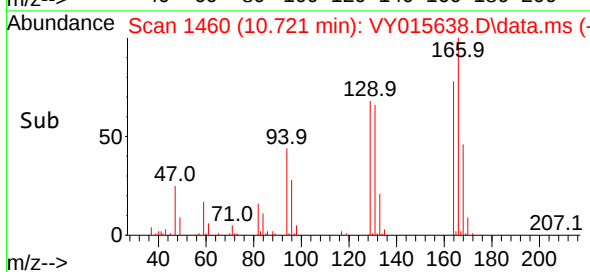
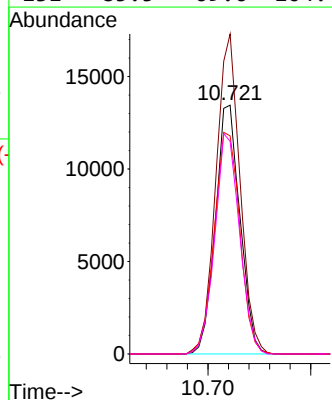
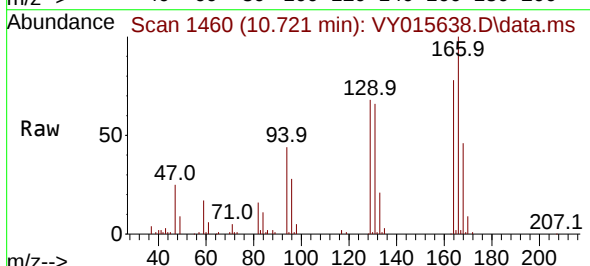
Ion Ratio Lower Upper

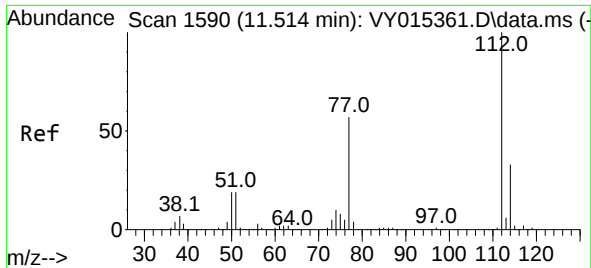
164 100

166 128.6 103.0 154.6

129 87.7 77.2 115.8

131 85.5 69.6 104.4





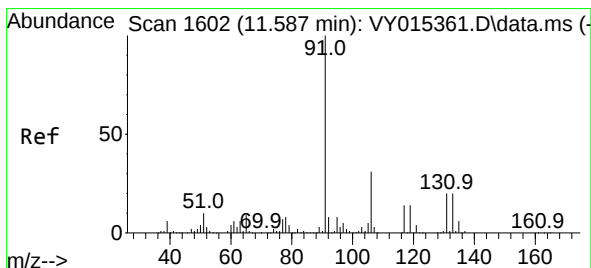
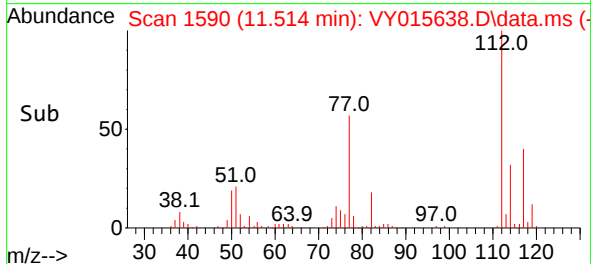
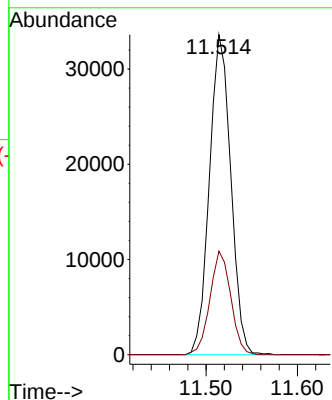
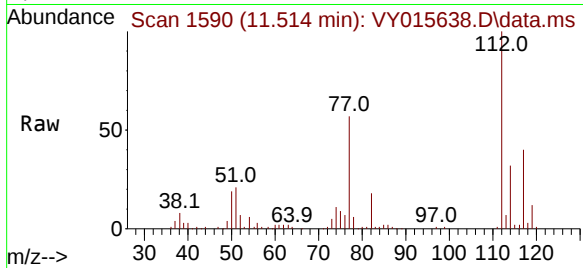
#65
Chlorobenzene
Concen: 9.711 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 54512
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

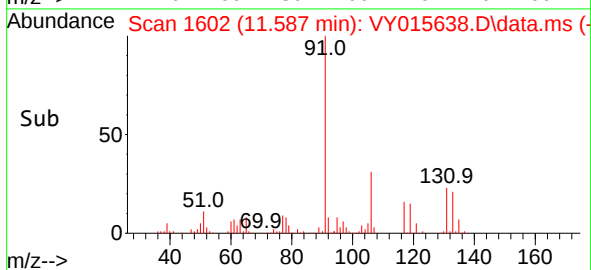
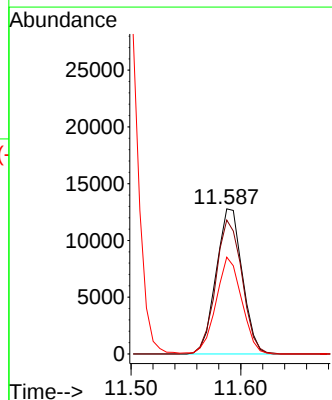
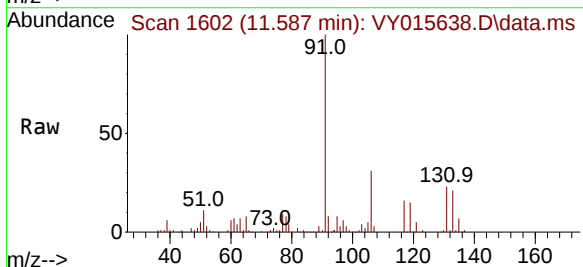
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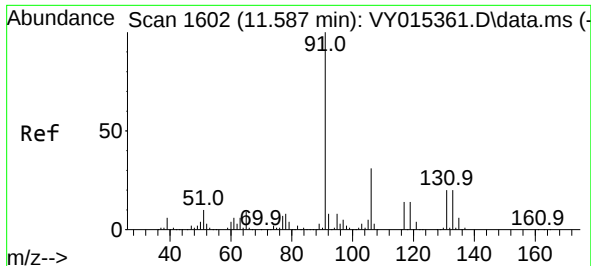
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 9.738 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion:131 Resp: 21233
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.6
119 65.4 31.6 94.7





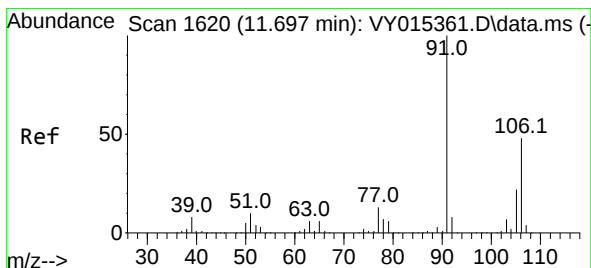
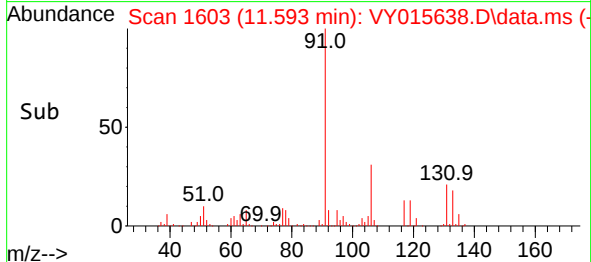
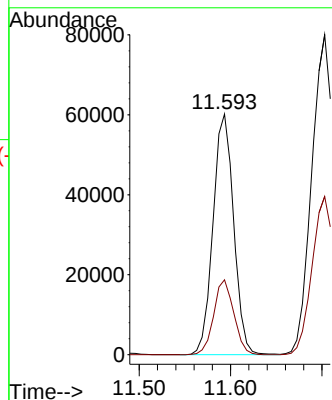
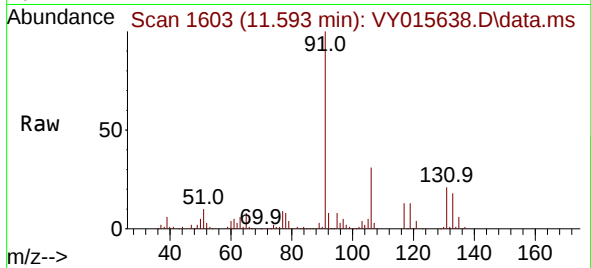
#67
Ethyl Benzene
Concen: 9.612 ug/l
RT: 11.593 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 94302
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

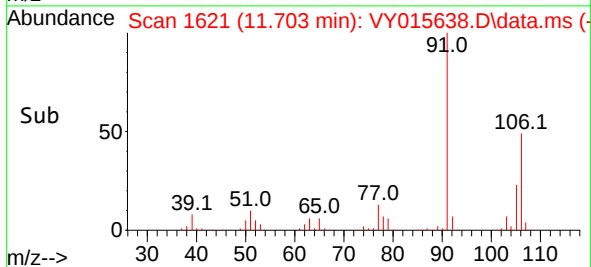
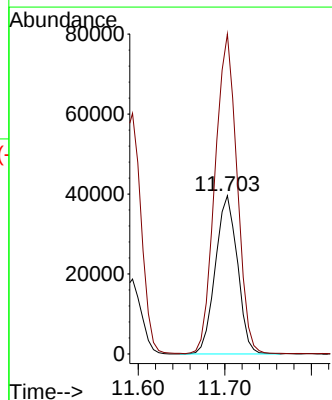
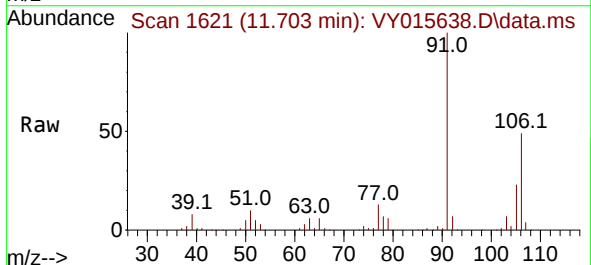
Manual Integrations
APPROVED

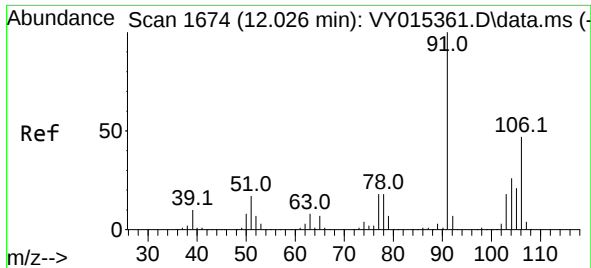
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#68
m/p-Xylenes
Concen: 18.813 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion:106 Resp: 70158
Ion Ratio Lower Upper
106 100
91 201.6 166.1 249.1





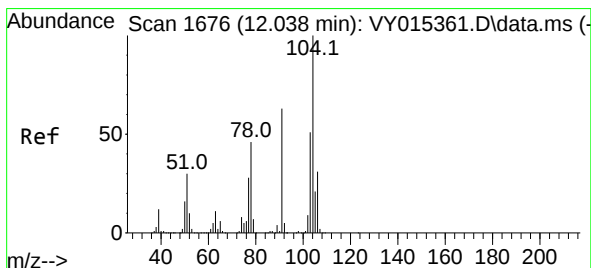
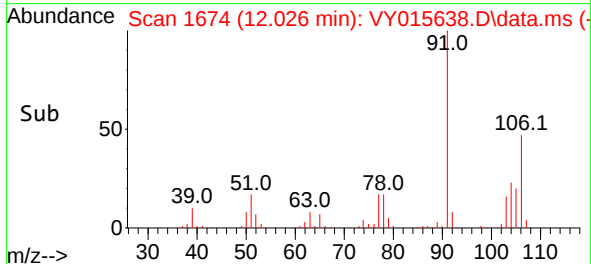
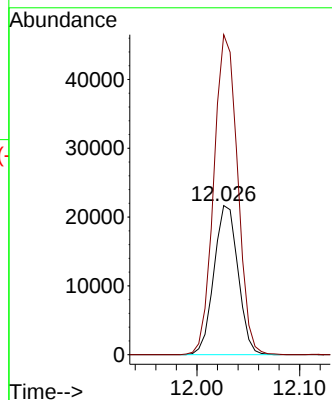
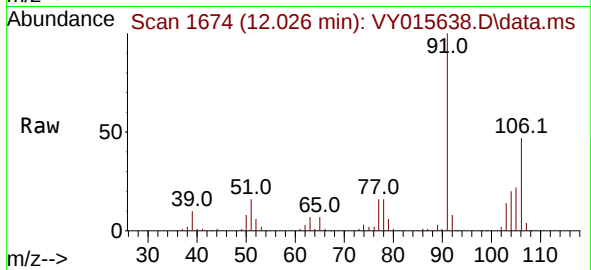
#69
o-Xylene
Concen: 9.633 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 35225
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3

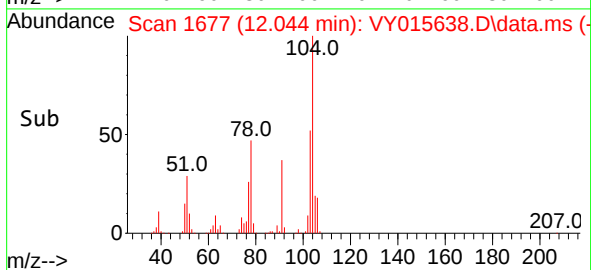
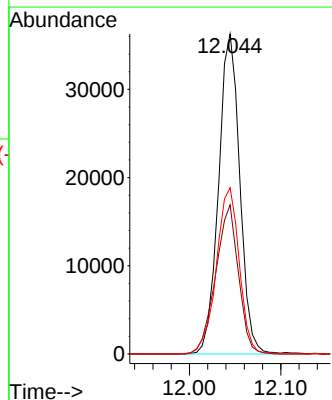
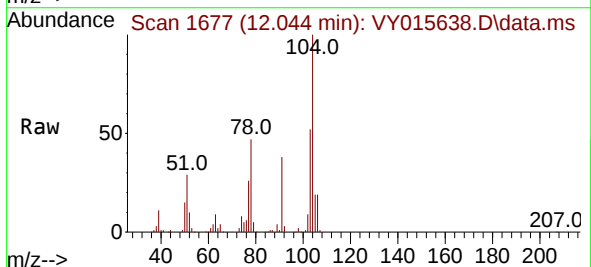
Manual Integrations
APPROVED

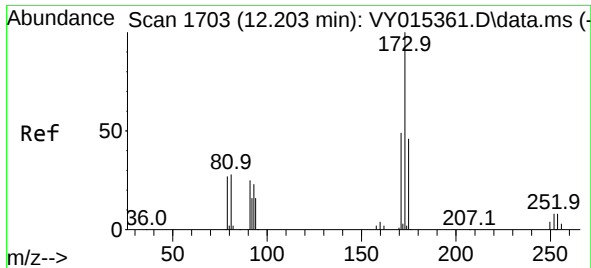
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#70
Styrene
Concen: 9.359 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

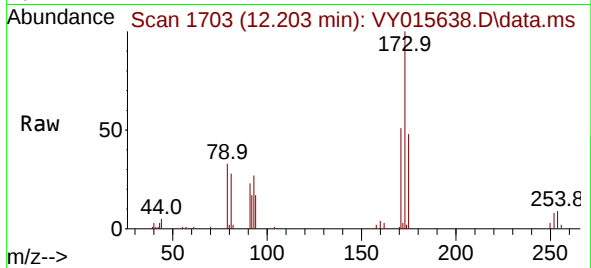
Tgt Ion:104 Resp: 58578
Ion Ratio Lower Upper
104 100
78 49.9 41.5 62.3
103 56.1 44.6 67.0





#71
Bromoform
Concen: 9.417 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

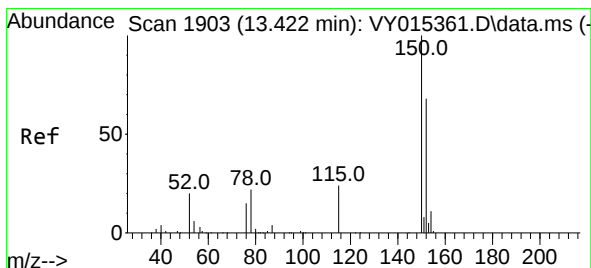
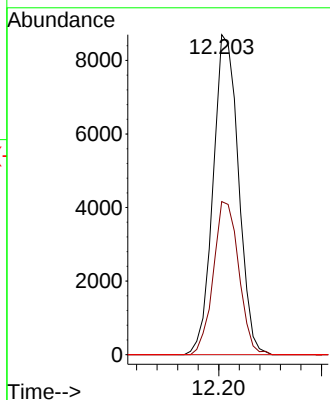
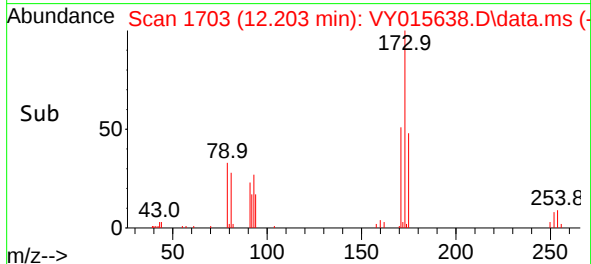
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



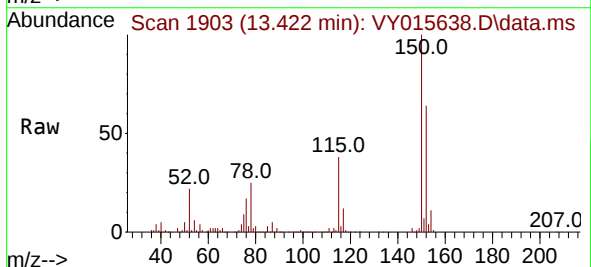
Tgt Ion:173 Resp: 14880
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

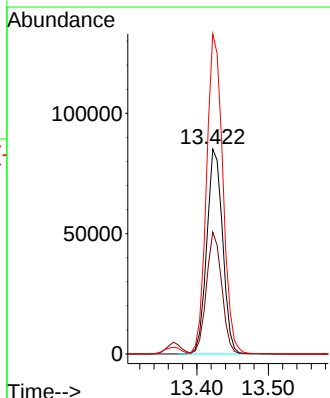
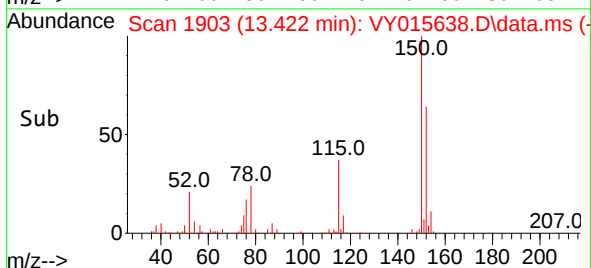
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

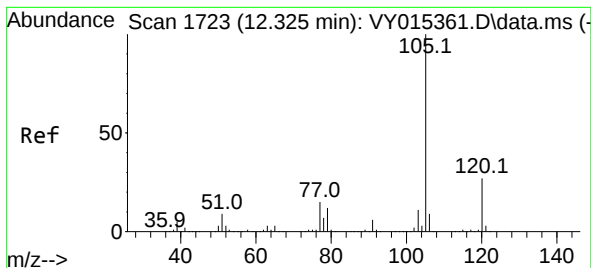


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03



Tgt Ion:152 Resp: 130689
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 160.6 0.0 348.8





#73

Isopropylbenzene

Concen: 9.440 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 9254

Ion Ratio Lower Upper

105 100

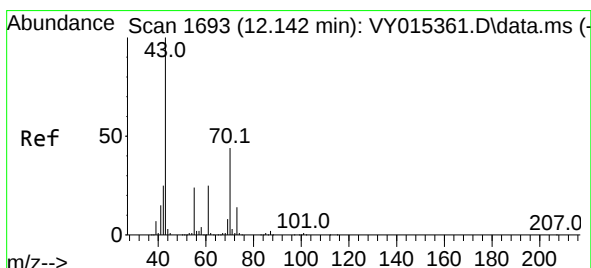
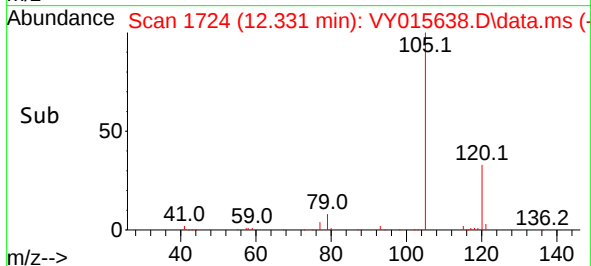
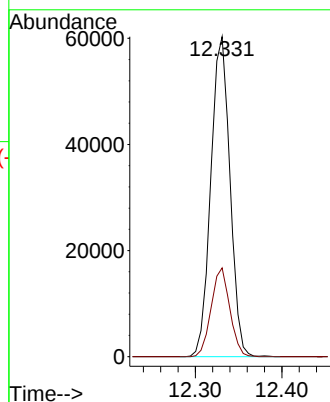
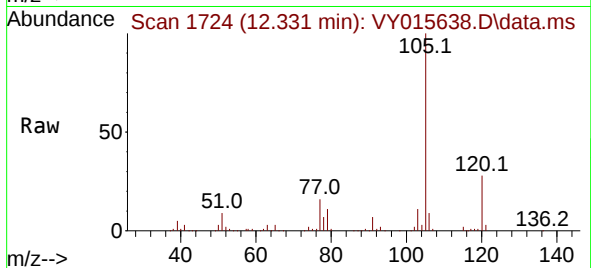
120 27.0 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#74

N-amy1 acetate

Concen: 9.281 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Tgt Ion: 43 Resp: 34198

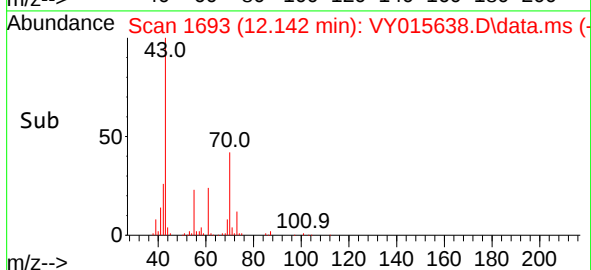
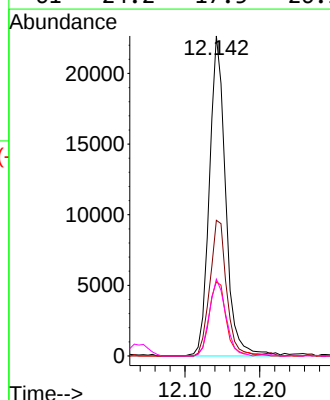
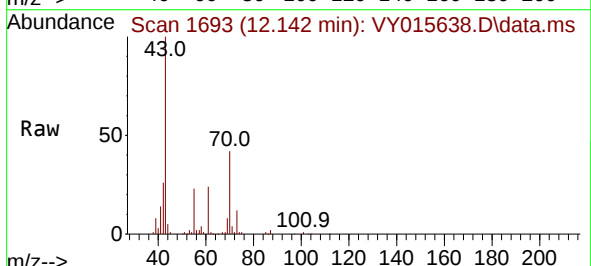
Ion Ratio Lower Upper

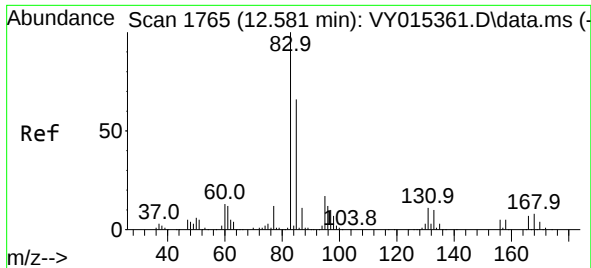
43 100

70 43.5 29.7 44.5

55 24.5 18.3 27.5

61 24.2 17.5 26.3





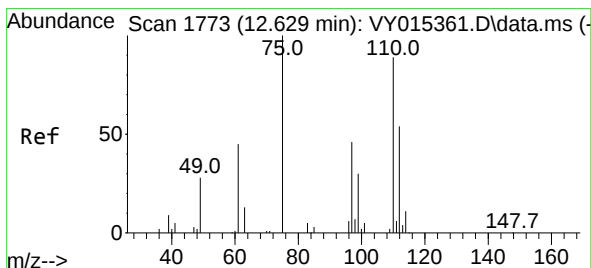
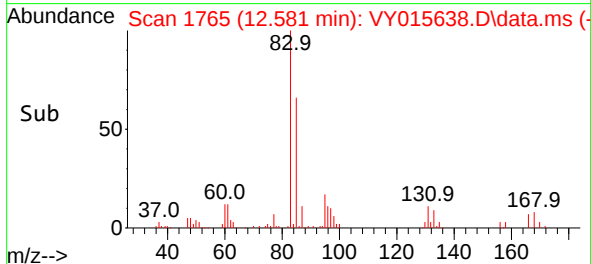
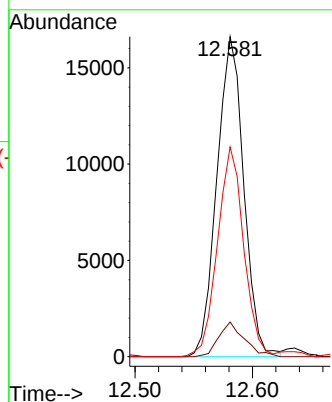
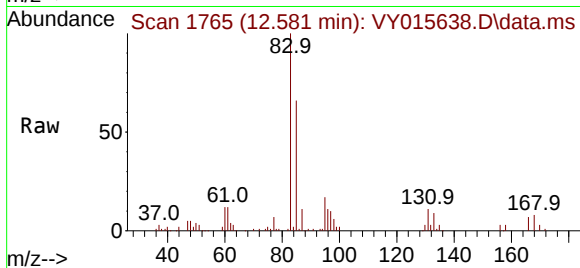
#75
1,1,2,2-Tetrachloroethane
Concen: 9.694 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 26450
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 63.9 31.8 95.4

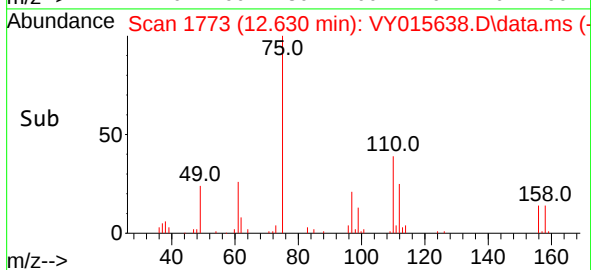
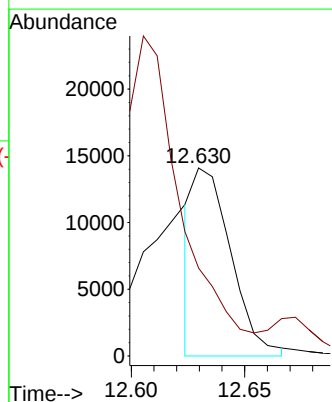
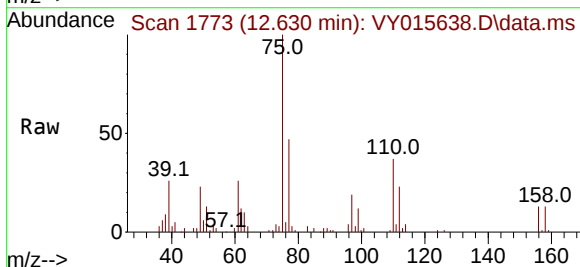
Manual Integrations
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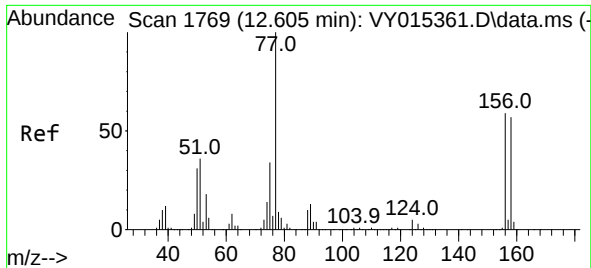
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#76
1,2,3-Trichloropropane
Concen: 7.471 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

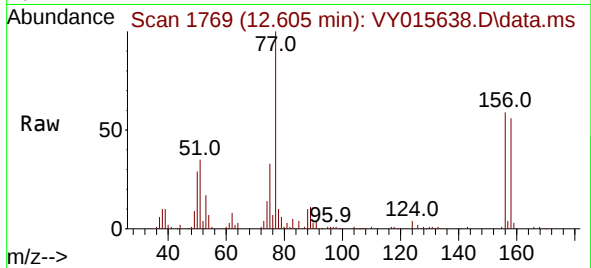
Tgt Ion: 75 Resp: 16353
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 9.638 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

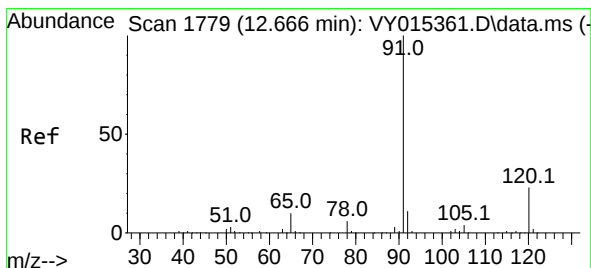
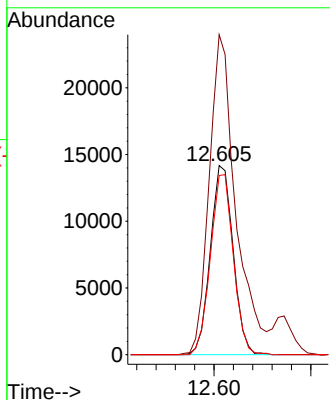
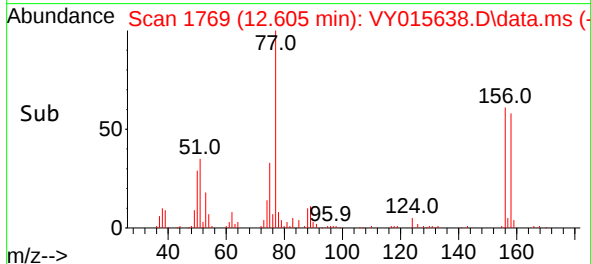
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



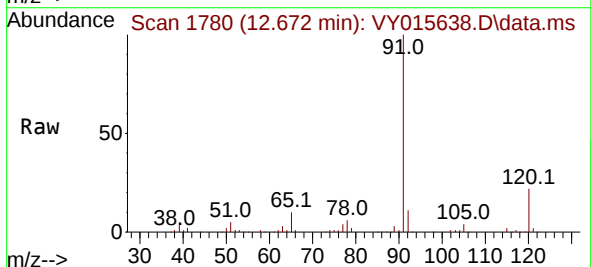
Tgt Ion: 156 Resp: 2319
Ion Ratio Lower Upper
156 100
77 196.5 92.8 278.6
158 95.6 48.4 145.3

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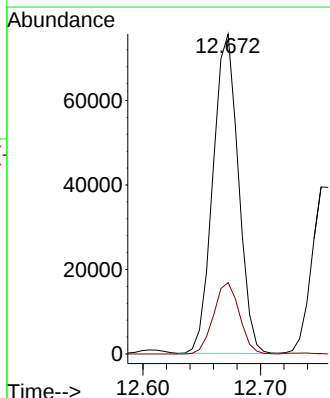
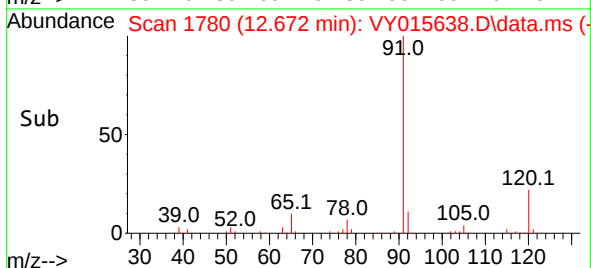
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

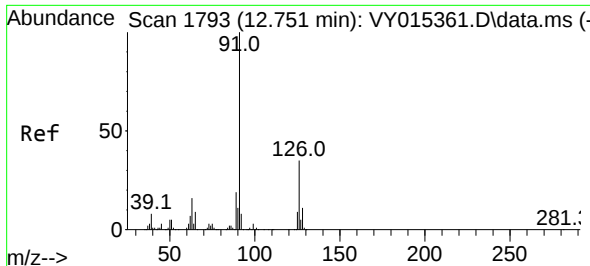


#78
n-propylbenzene
Concen: 9.545 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03



Tgt Ion: 91 Resp: 113682
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 9.470 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 6429

Ion Ratio Lower Upper

91 100

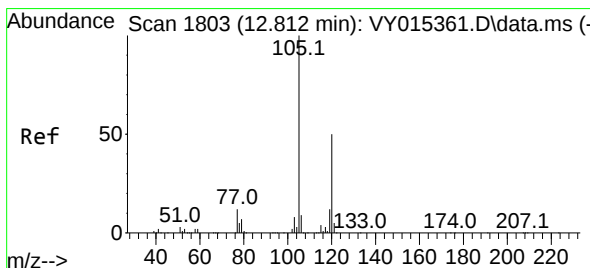
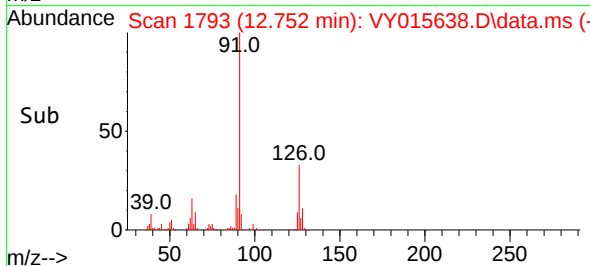
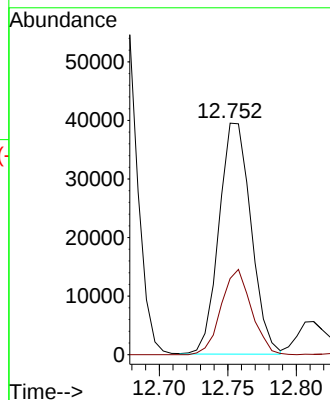
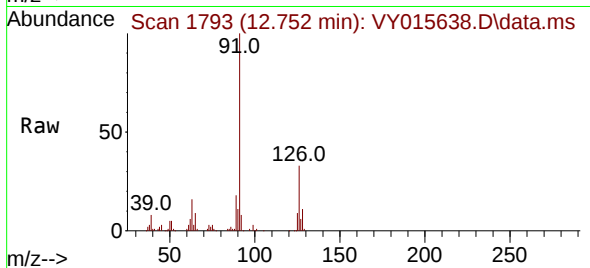
126 34.9 17.3 51.7

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Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 9.580 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015638.D

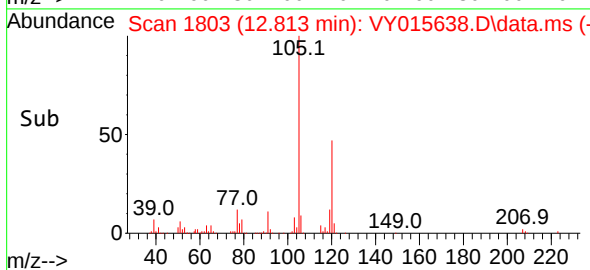
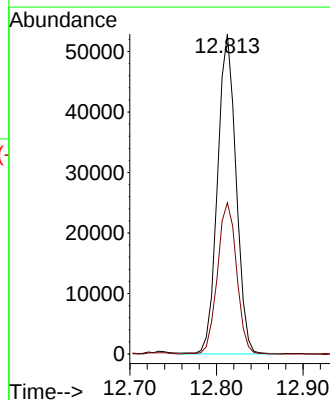
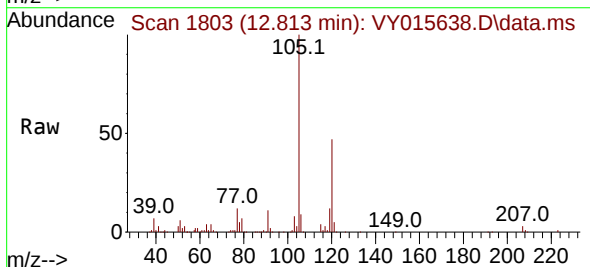
Acq: 19 Sep 2023 12:03

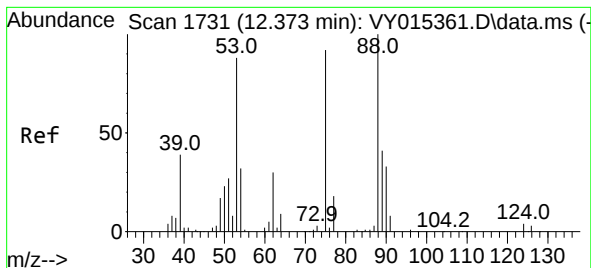
Tgt Ion:105 Resp: 78627

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.7





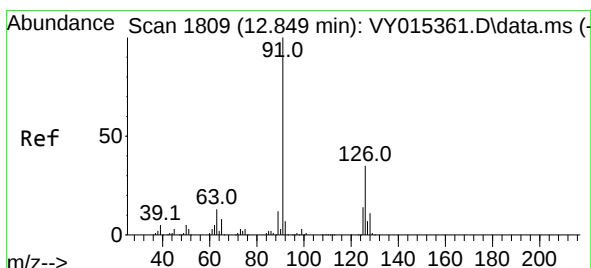
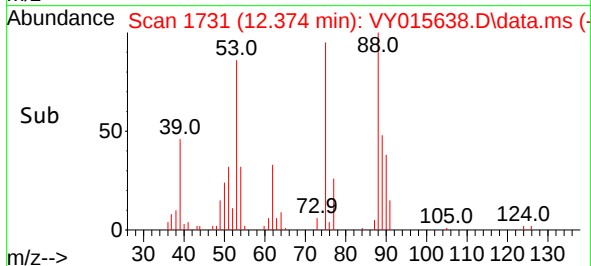
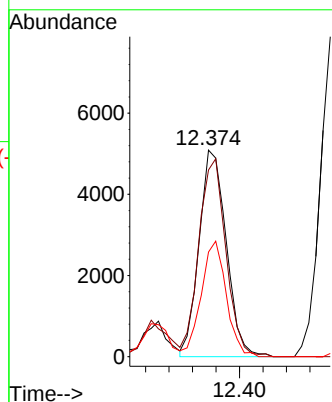
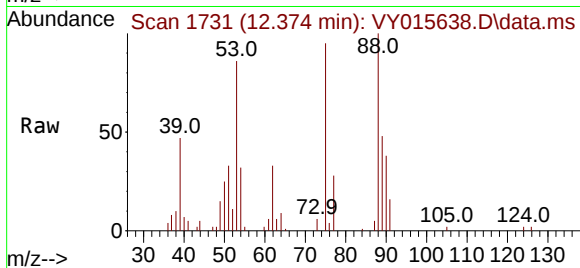
#81
trans-1,4-Dichloro-2-butene
Concen: 8.832 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 817
Ion Ratio Lower Upper
75 100
53 95.4 77.8 116.8
89 51.6 37.4 56.0

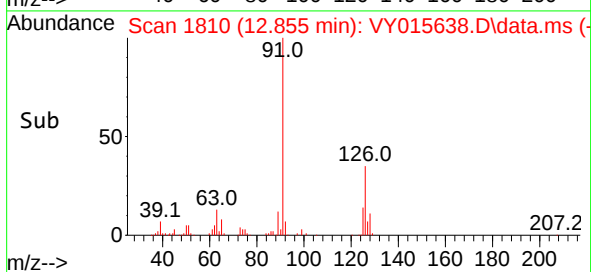
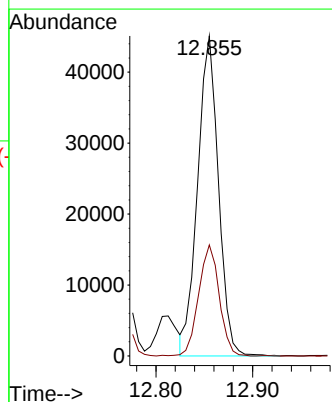
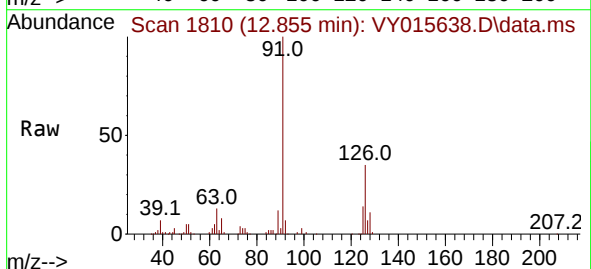
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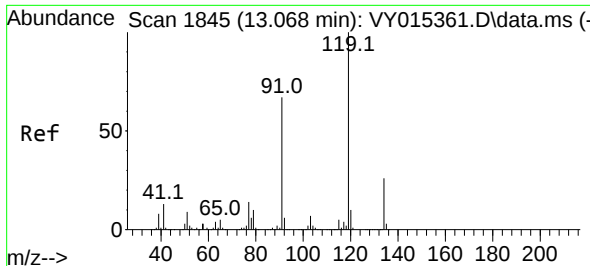
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#82
4-Chlorotoluene
Concen: 9.543 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

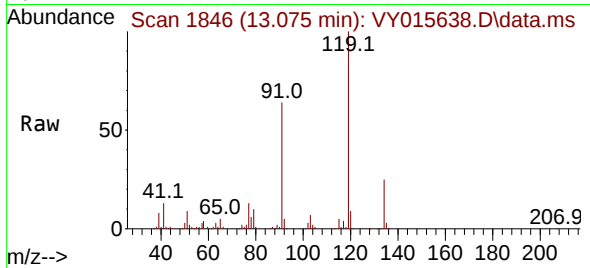
Tgt Ion: 91 Resp: 67634
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 9.543 ug/l
RT: 13.075 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

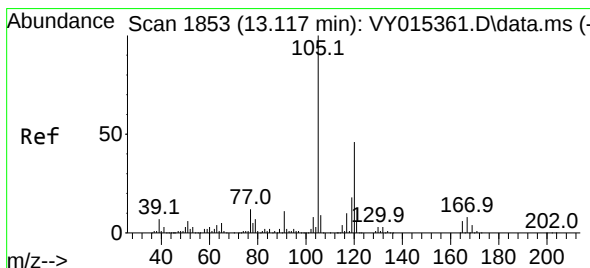
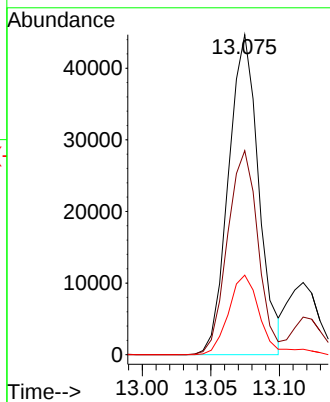
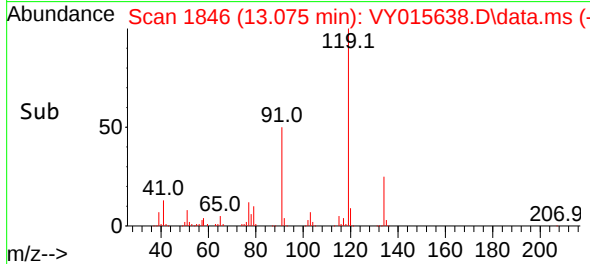
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



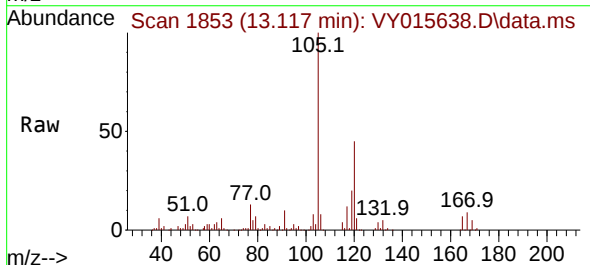
Tgt Ion:119 Resp: 68602
Ion Ratio Lower Upper
119 100
91 64.4 32.9 98.6
134 26.3 13.0 38.9

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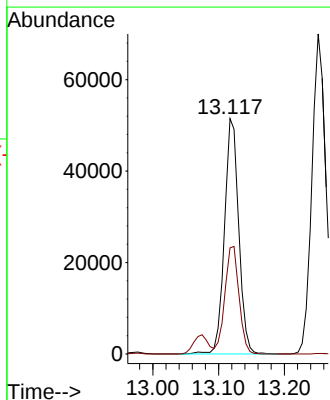
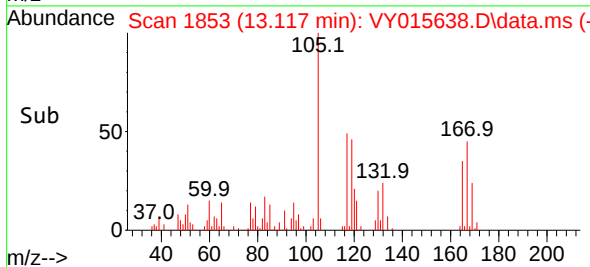
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

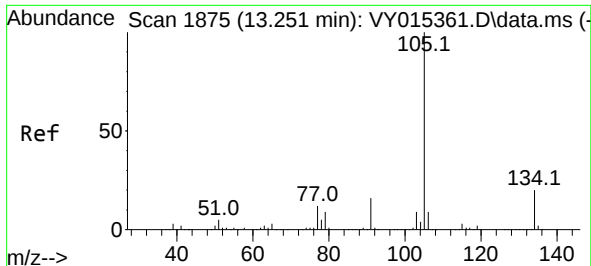


#84
1,2,4-Trimethylbenzene
Concen: 9.466 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03



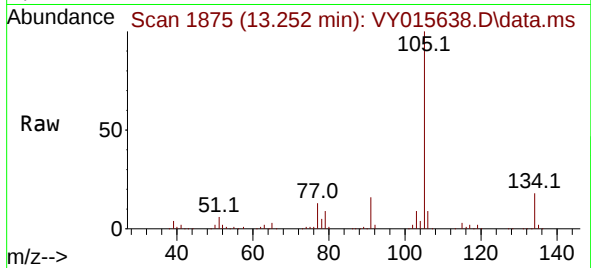
Tgt Ion:105 Resp: 77739
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 9.509 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015638.D
 Acq: 19 Sep 2023 12:03

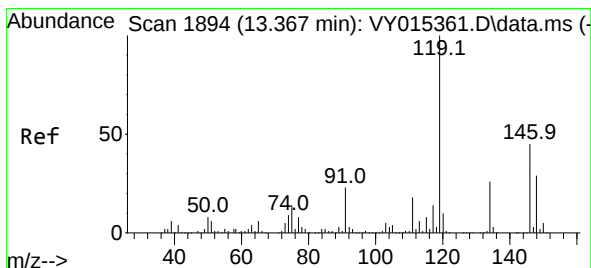
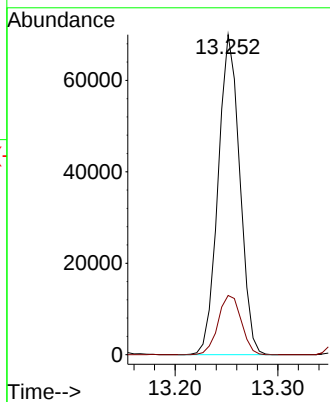
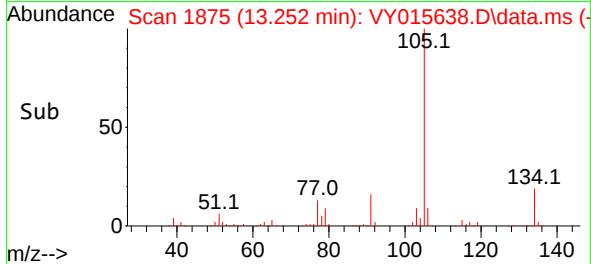
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



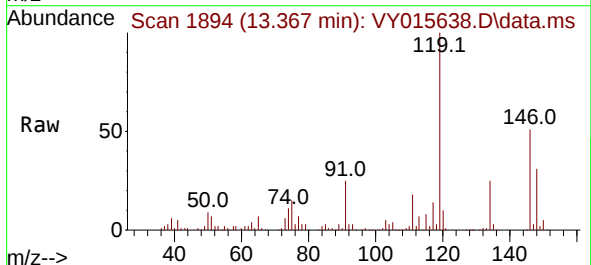
Tgt Ion:105 Resp: 102290
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.6

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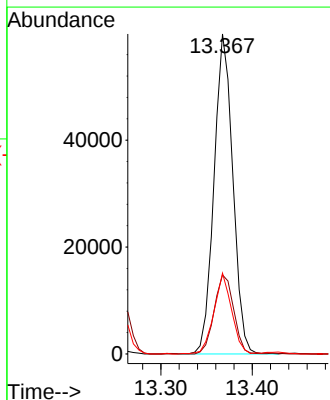
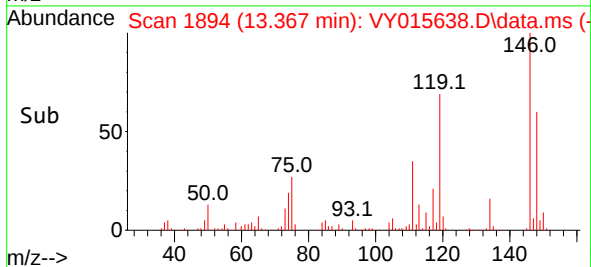
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

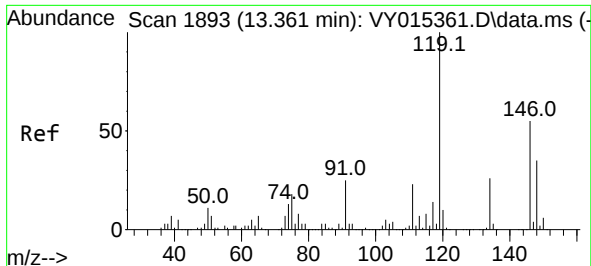


#86
 p-Isopropyltoluene
 Concen: 9.555 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015638.D
 Acq: 19 Sep 2023 12:03



Tgt Ion:119 Resp: 85863
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 23.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 9.670 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 4616

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

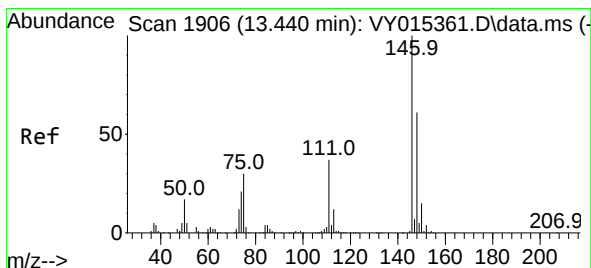
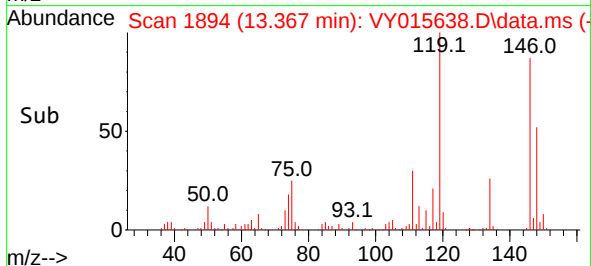
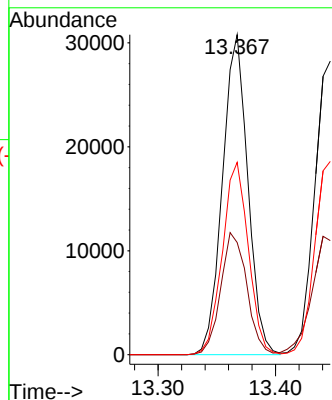
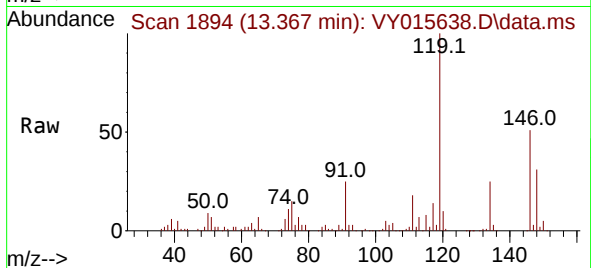
148 61.7 31.9 95.5

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/20/2023



#88

1,4-Dichlorobenzene

Concen: 9.574 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

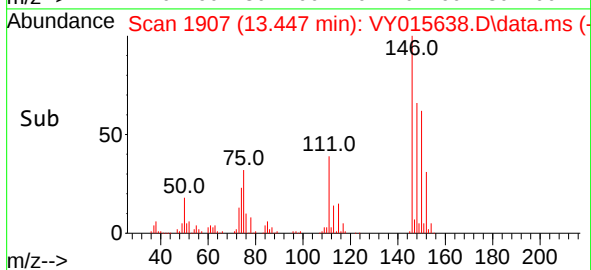
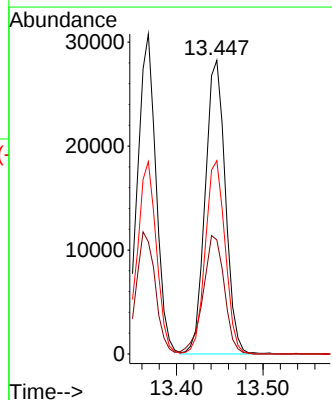
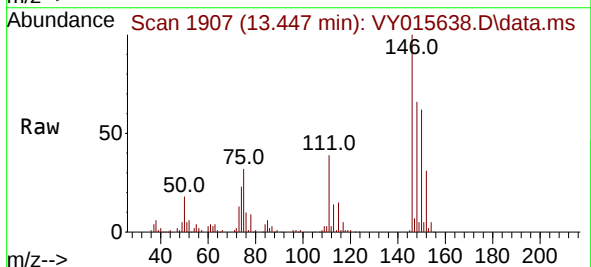
Tgt Ion:146 Resp: 45714

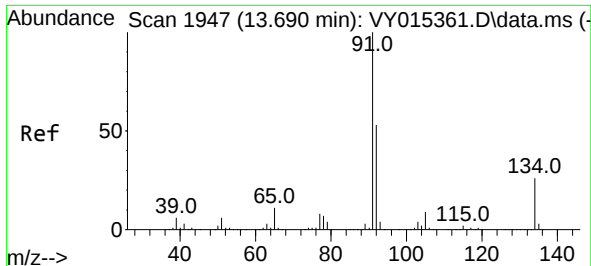
Ion Ratio Lower Upper

146 100

111 42.5 18.9 56.7

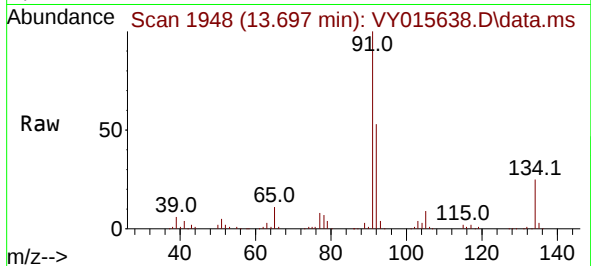
148 64.8 32.1 96.5





#89
n-Butylbenzene
Concen: 9.430 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

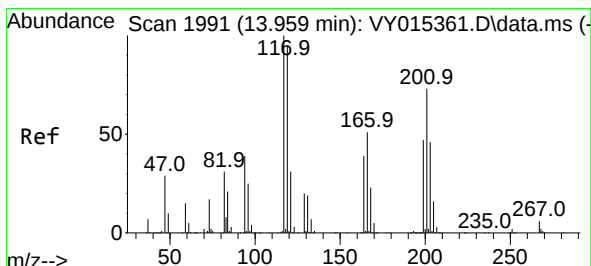
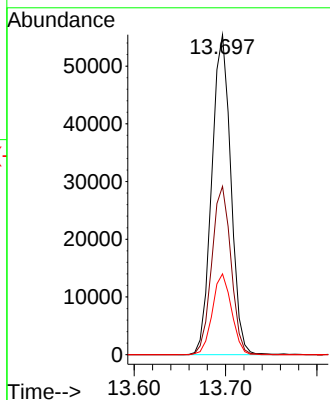
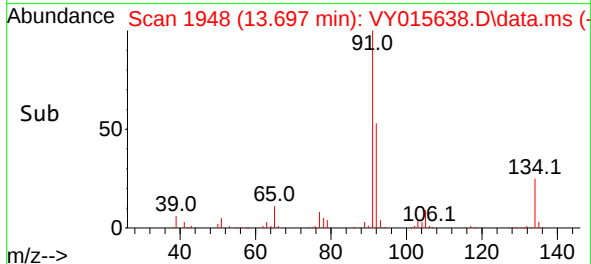
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 8024
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 25.4 12.6 37.6

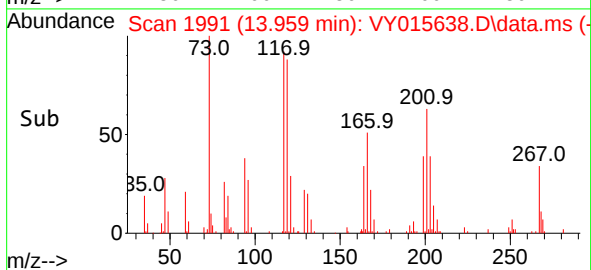
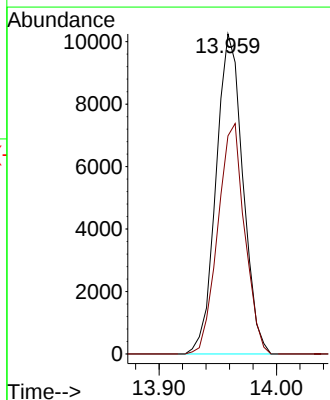
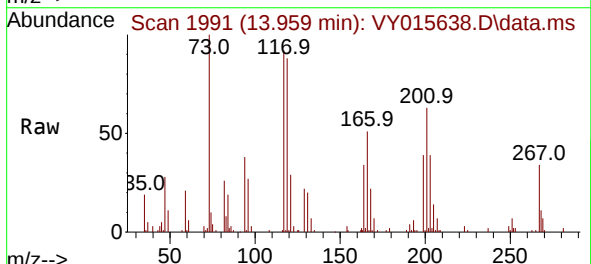
Manual Integrations
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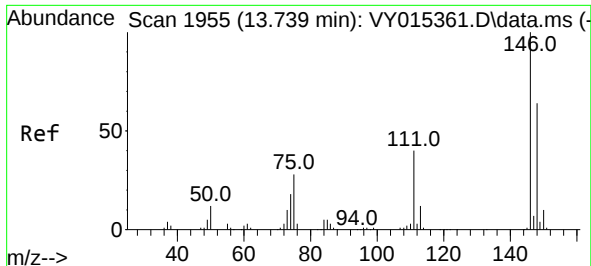
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#90
Hexachloroethane
Concen: 9.386 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion:117 Resp: 16278
Ion Ratio Lower Upper
117 100
201 71.9 41.6 124.8





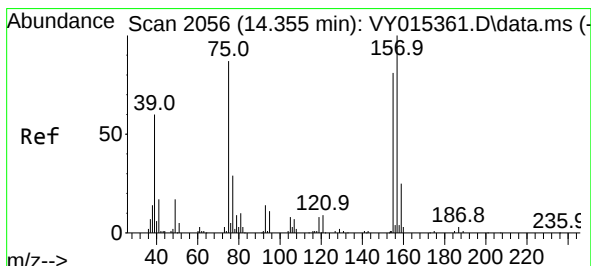
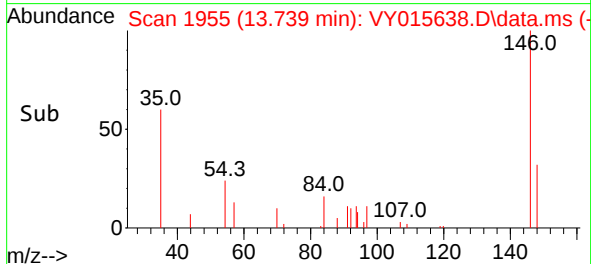
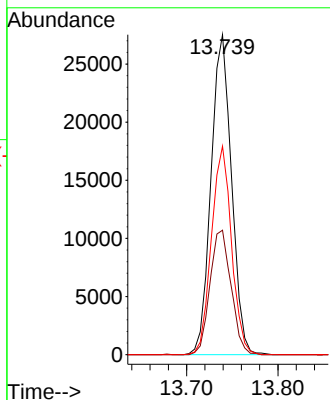
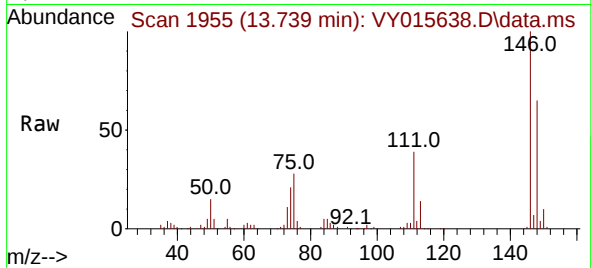
#91
1,2-Dichlorobenzene
Concen: 9.733 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 42894
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 63.9 32.0 96.2

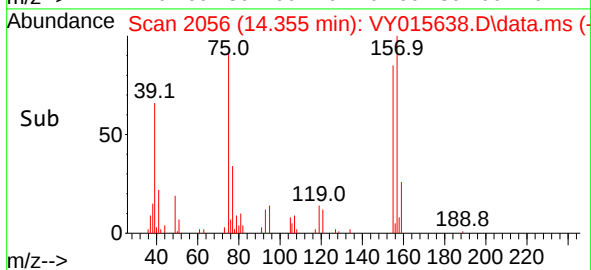
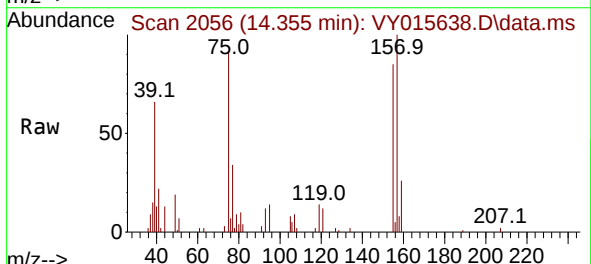
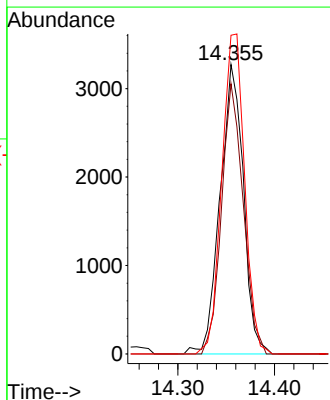
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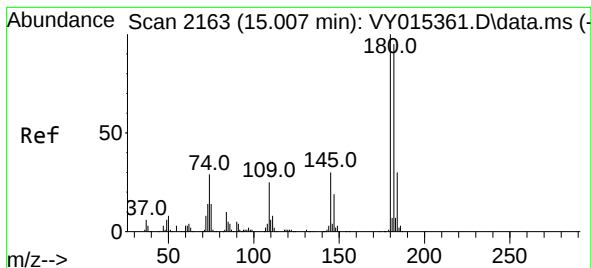
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.050 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion: 75 Resp: 5446
Ion Ratio Lower Upper
75 100
155 87.3 41.5 124.6
157 108.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 9.354 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

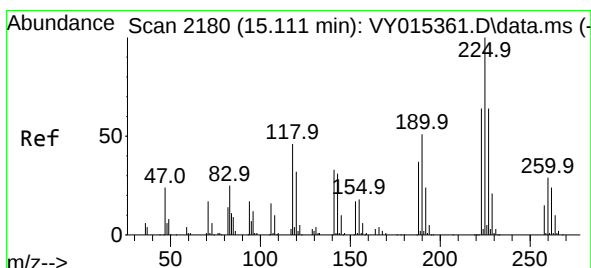
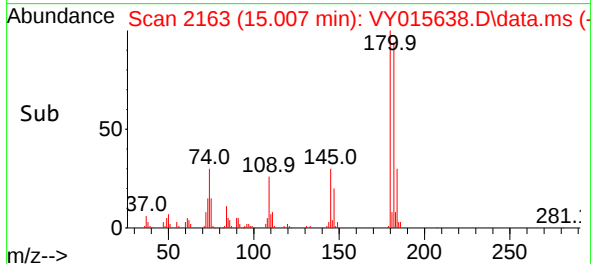
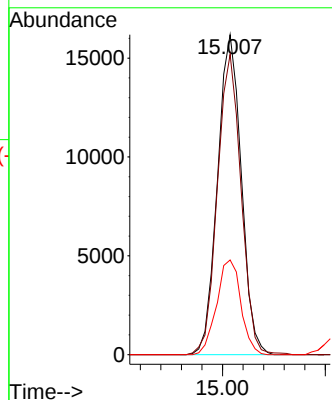
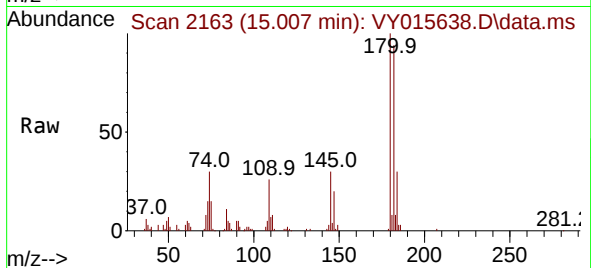
VSTDIC010

Tgt Ion:180	Resp:	25954
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.0 141.2
145	30.1	14.5 43.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#94

Hexachlorobutadiene

Concen: 9.637 ug/l

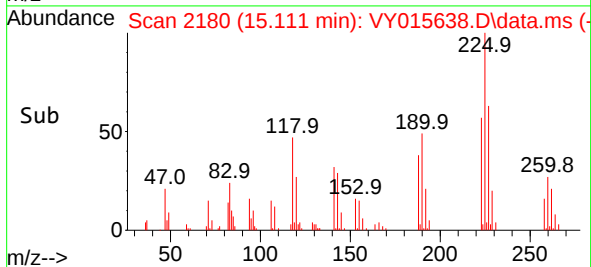
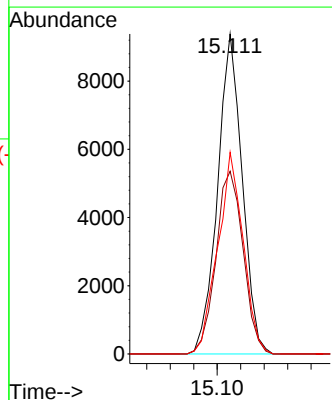
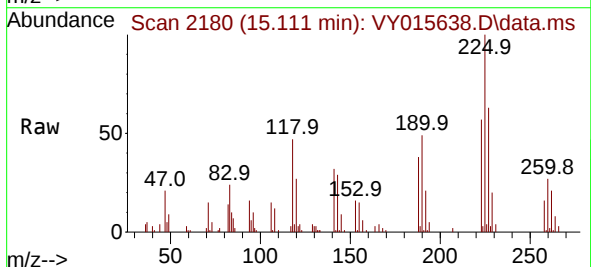
RT: 15.111 min Scan# 2180

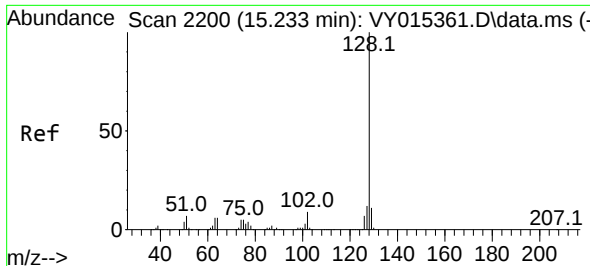
Delta R.T. 0.000 min

Lab File: VY015638.D

Acq: 19 Sep 2023 12:03

Tgt Ion:225	Resp:	13693
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.9 95.9
227	65.1	33.0 98.9





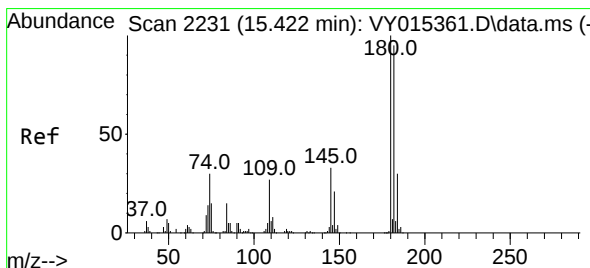
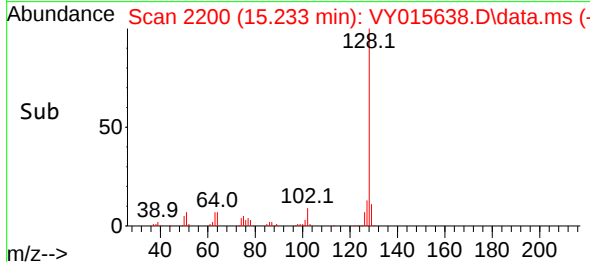
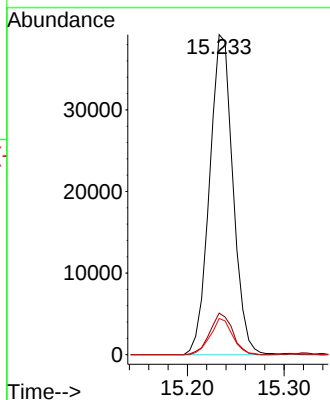
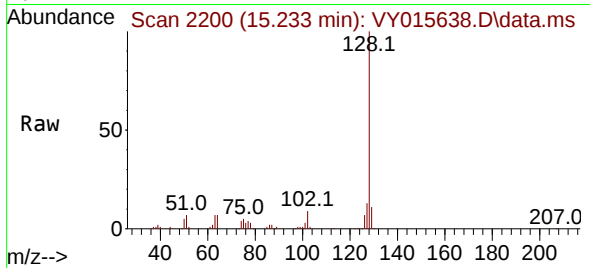
#95
Naphthalene
Concen: 9.116 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Instrument : MSVOA_Y
ClientSampleId : VSTDIC010

Tgt Ion:128 Resp: 6595
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.7 8.6 13.0

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.036 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015638.D
Acq: 19 Sep 2023 12:03

Tgt Ion:180 Resp: 23139
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.8
145 34.7 15.4 46.2

