

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101223\
 Data File : VY015940.D
 Acq On : 12 Oct 2023 17:56
 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 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023

Quant Time: Oct 13 12:57:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 09:06:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	219893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	25816	10.287	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.580%#		
35) Dibromofluoromethane	7.716	113	22764	10.035	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.080%#		
50) Toluene-d8	10.179	98	84998	10.006	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.020%#		
62) 4-Bromofluorobenzene	12.483	95	30792	10.180	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.360%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18171	9.876	ug/l	92
3) Chloromethane	2.113	50	37095	9.248	ug/l	99
4) Vinyl Chloride	2.247	62	23973	10.185	ug/l	98
5) Bromomethane	2.649	94	13588	10.206	ug/l	94
6) Chloroethane	2.790	64	17496	11.396	ug/l	99
7) Trichlorofluoromethane	3.119	101	39403	9.870	ug/l	99
8) Diethyl Ether	3.527	74	15393	10.317	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	23374	10.297	ug/l	95
10) Methyl Iodide	4.088	142	25746	9.863	ug/l	94
11) Tert butyl alcohol	4.923	59	109799	75.499	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	21788	10.189	ug/l	91
13) Acrolein	3.735	56	21910	46.226	ug/l	100
14) Allyl chloride	4.478	41	33972	9.831	ug/l	92
15) Acrylonitrile	5.173	53	60151	45.763	ug/l	96
16) Acetone	3.960	43	62617	42.709	ug/l	91
17) Carbon Disulfide	4.192	76	65281	9.988	ug/l	100
18) Methyl Acetate	4.484	43	48428	9.577	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	70432	9.825	ug/l	100
20) Methylene Chloride	4.716	84	39368	10.896	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	25189	10.077	ug/l	92
22) Diisopropyl ether	6.124	45	73977	10.309	ug/l	97
23) Vinyl Acetate	6.063	43	235796	49.949	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	43275	10.136	ug/l	95
25) 2-Butanone	7.002	43	90130	41.086	ug/l	96
26) 2,2-Dichloropropane	6.984	77	37124	10.471	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	27643	9.835	ug/l	96
28) Bromochloromethane	7.338	49	20661	10.844	ug/l	95
29) Tetrahydrofuran	7.356	42	67218	46.217	ug/l	93
30) Chloroform	7.508	83	45628	10.296	ug/l	94
31) Cyclohexane	7.783	56	42274	10.582	ug/l #	89
32) 1,1,1-Trichloroethane	7.703	97	39431	10.005	ug/l	98
36) 1,1-Dichloropropene	7.917	75	35189	10.281	ug/l	100
37) Ethyl Acetate	7.075	43	45095m	8.397	ug/l	
38) Carbon Tetrachloride	7.899	117	36789	10.206	ug/l	94
39) Methylcyclohexane	9.185	83	43640	9.938	ug/l	90
40) Benzene	8.161	78	99906	10.088	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	17929m	10.315	ug/l	
42) 1,2-Dichloroethane	8.240	62	32297	10.164	ug/l	91
43) Isopropyl Acetate	8.277	43	52938	9.348	ug/l	94
44) Trichloroethene	8.941	130	29980	9.824	ug/l	99
45) 1,2-Dichloropropane	9.221	63	25921	10.258	ug/l	97
46) Dibromomethane	9.307	93	17578	9.896	ug/l	97
47) Bromodichloromethane	9.502	83	35710	9.956	ug/l	100
48) Methyl methacrylate	9.295	41	23999	9.577	ug/l	84
49) 1,4-Dioxane	9.313	88	10260m	203.158	ug/l	
51) 4-Methyl-2-Pentanone	10.075	43	191595	45.824	ug/l #	85
52) Toluene	10.246	92	64205	10.140	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	40099	9.971	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	43394	10.038	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	26269	10.388	ug/l	97
56) Ethyl methacrylate	10.514	69	38139	9.634	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	43901	10.233	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	98399	56.641	ug/l	93
59) 2-Hexanone	10.831	43	170715	47.832	ug/l	89
60) Dibromochloromethane	10.983	129	28252	9.824	ug/l	98
61) 1,2-Dibromoethane	11.093	107	27348	9.994	ug/l	97
64) Tetrachloroethene	10.721	164	26688	9.195	ug/l	96
65) Chlorobenzene	11.520	112	70430	10.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	25370	9.824	ug/l	97
67) Ethyl Benzene	11.593	91	120929	9.913	ug/l	98
68) m/p-Xylenes	11.703	106	94677	20.111	ug/l	96
69) o-Xylene	12.032	106	44443	9.874	ug/l	99
70) Styrene	12.044	104	76565	9.996	ug/l	95
71) Bromoform	12.209	173	21733	9.882	ug/l #	98
73) Isopropylbenzene	12.331	105	119168	10.007	ug/l	99
74) N-amyl acetate	12.148	43	46407	9.647	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	37048	10.129	ug/l	96
76) 1,2,3-Trichloropropane	12.635	75	33759m	10.930	ug/l	
77) Bromobenzene	12.611	156	29669	9.925	ug/l	92
78) n-propylbenzene	12.672	91	147592	10.192	ug/l	100
79) 2-Chlorotoluene	12.757	91	82333	10.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	98457	9.952	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	13217	9.458	ug/l	95
82) 4-Chlorotoluene	12.855	91	85217	10.124	ug/l	99
83) tert-Butylbenzene	13.074	119	89038	10.242	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	100416	10.112	ug/l	99
85) sec-Butylbenzene	13.257	105	130597	10.122	ug/l	99
86) p-Isopropyltoluene	13.373	119	108488	10.063	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	58104	10.121	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	59236	10.218	ug/l	97
89) n-Butylbenzene	13.696	91	102597	10.120	ug/l	98
90) Hexachloroethane	13.965	117	20866	10.098	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	54269	10.075	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9562	9.139	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	34244	9.673	ug/l	98
94) Hexachlorobutadiene	15.111	225	17864	9.938	ug/l	98
95) Naphthalene	15.239	128	106137	9.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	33125	9.759	ug/l	98

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Response via : Initial Calibration

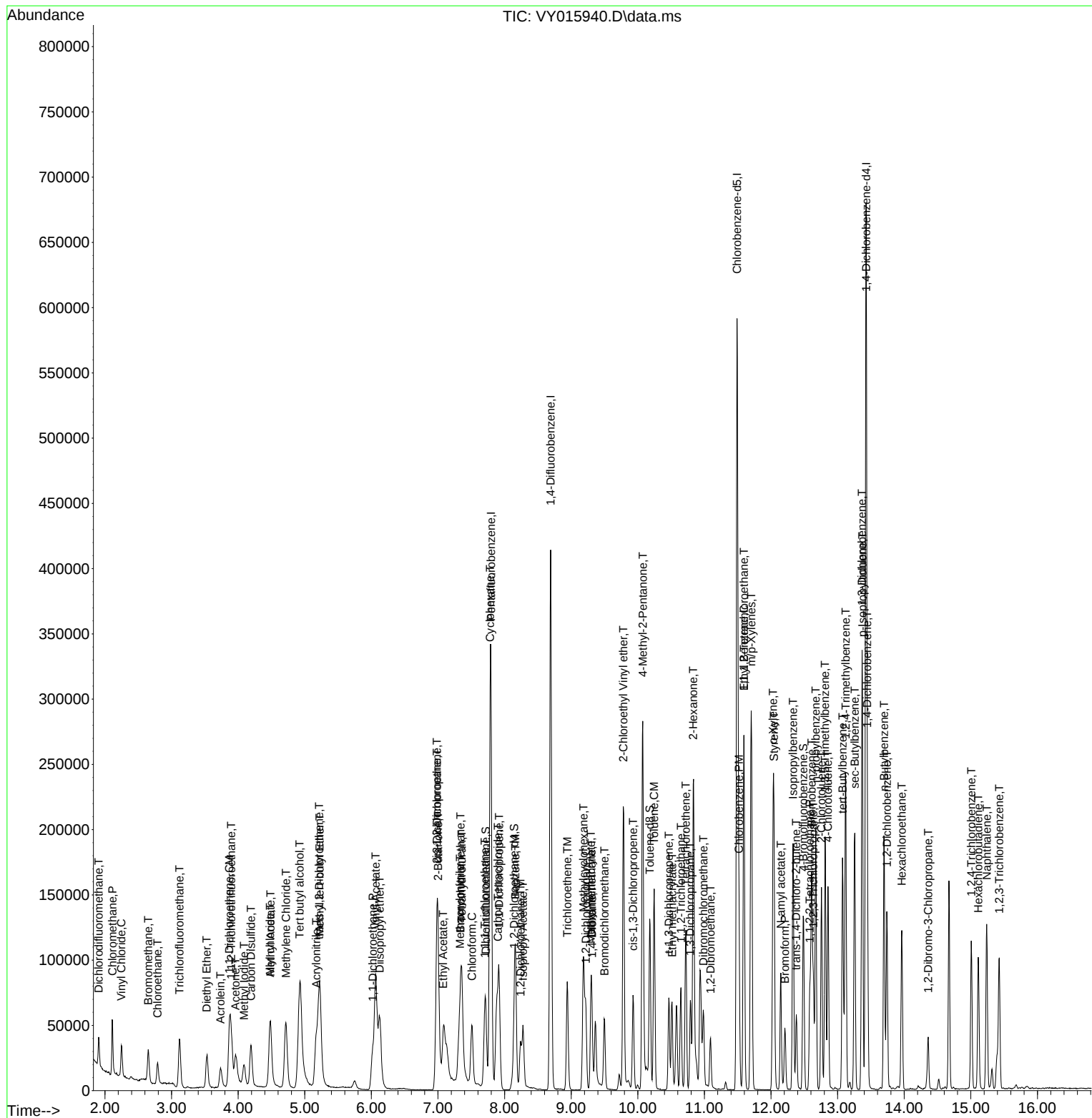
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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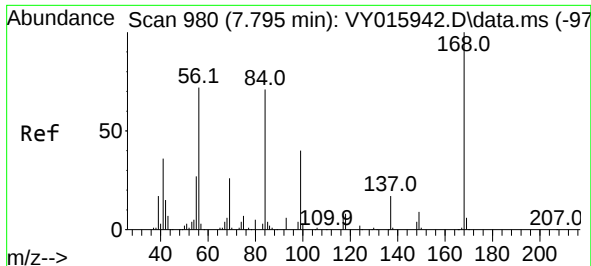
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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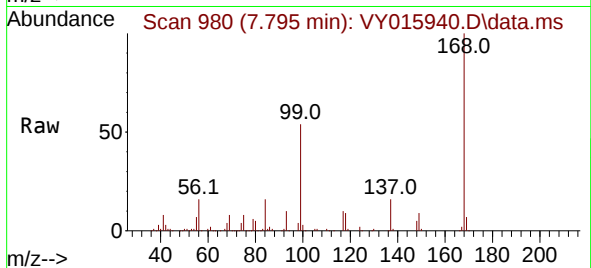
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

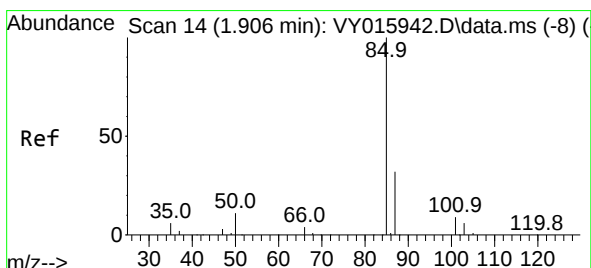
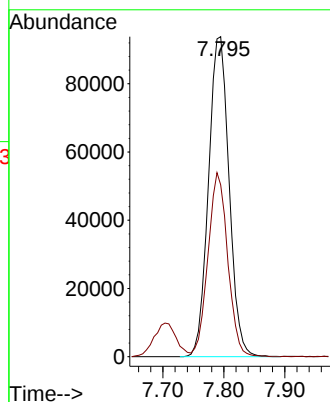
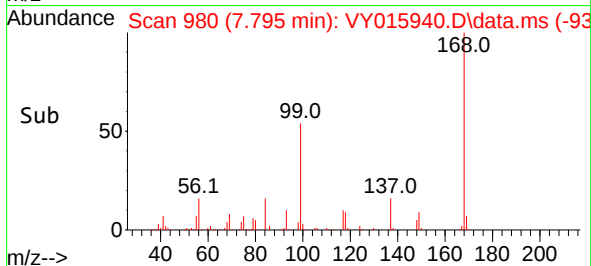
Instrument :
MSVOA_Y
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VSTDICC010



Tgt Ion:168 Resp: 21989
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0

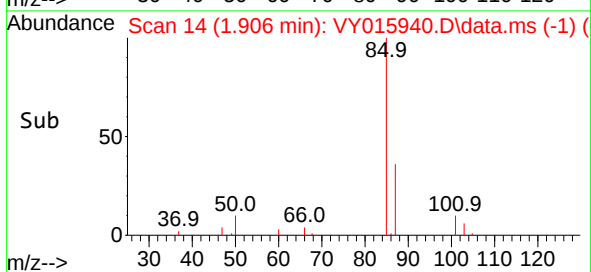
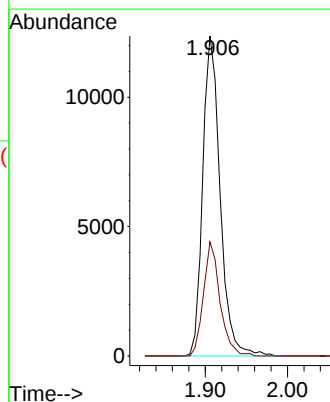
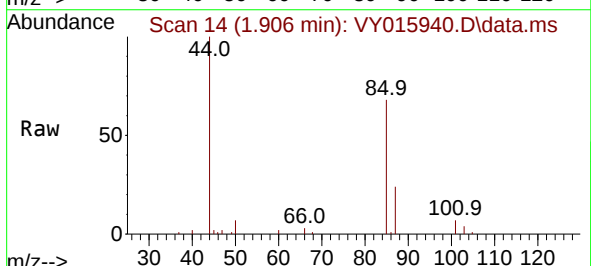
Manual Integrations
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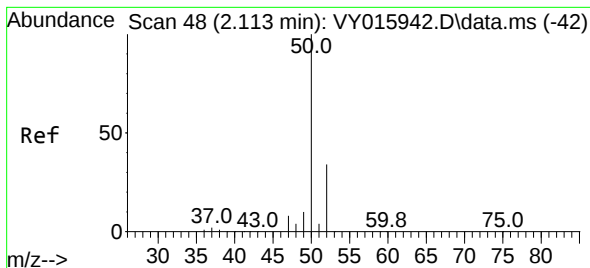
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#2
Dichlorodifluoromethane
Concen: 9.876 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 85 Resp: 18171
Ion Ratio Lower Upper
85 100
87 35.7 15.6 46.8





#3

Chloromethane

Concen: 9.248 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 50 Resp: 3709

Ion Ratio Lower Upper

50 100

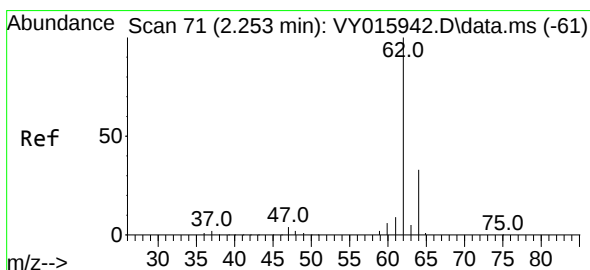
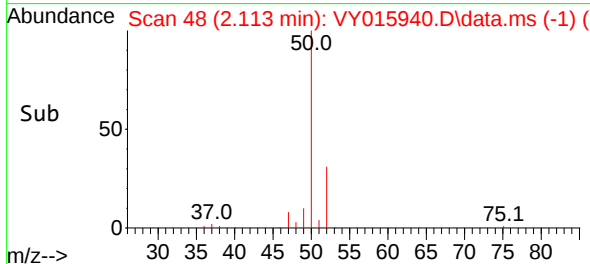
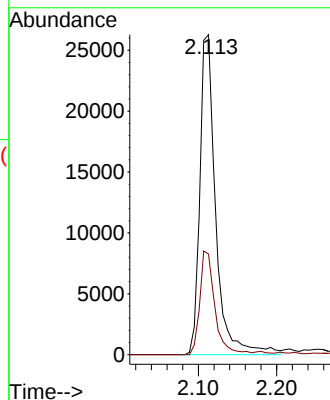
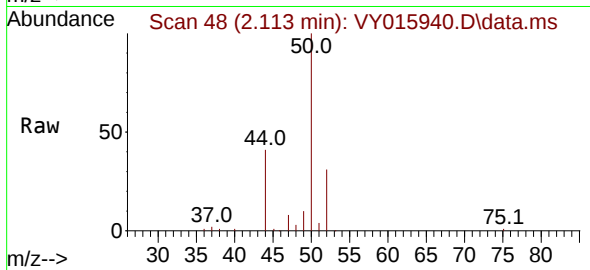
52 31.4 25.4 38.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 10/13/2023



#4

Vinyl Chloride

Concen: 10.185 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY015940.D

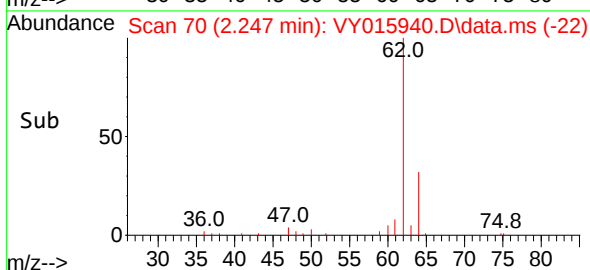
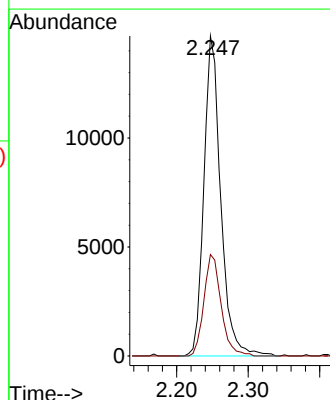
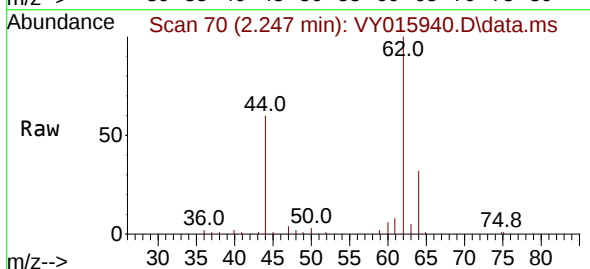
Acq: 12 Oct 2023 17:56

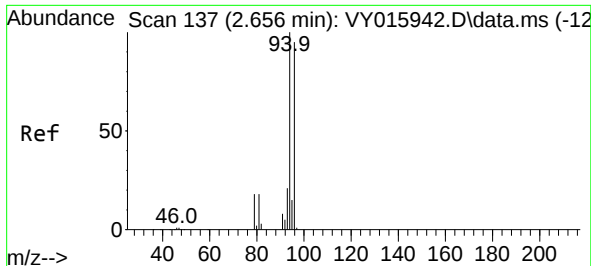
Tgt Ion: 62 Resp: 23973

Ion Ratio Lower Upper

62 100

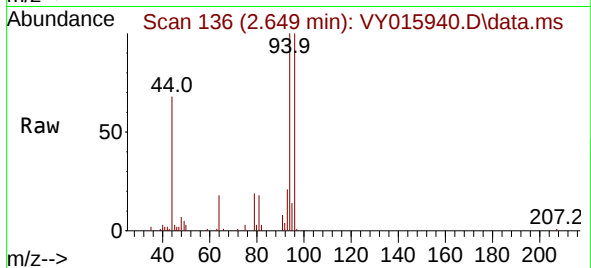
64 31.7 24.3 36.5





#5
Bromomethane
Concen: 10.206 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

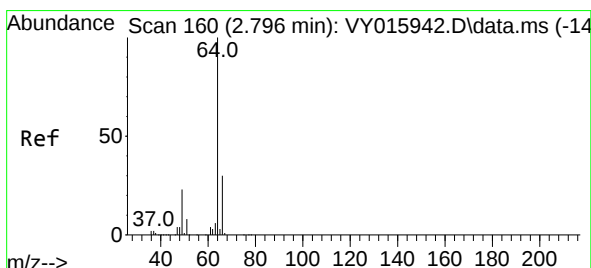
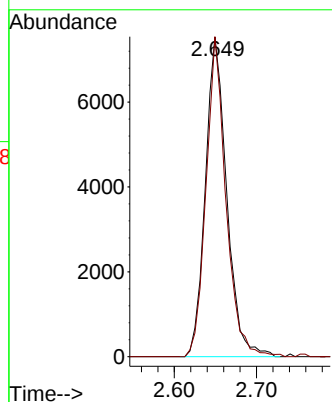
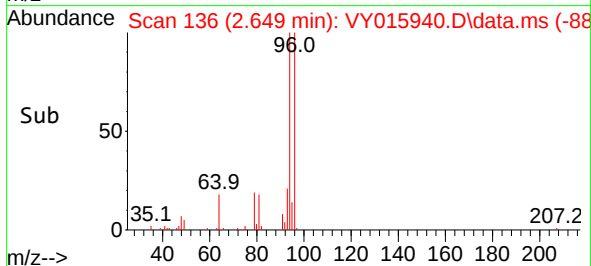
Instrument :
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Tgt Ion: 94 Resp: 1358
Ion Ratio Lower Upper
94 100
96 100.1 75.8 113.6

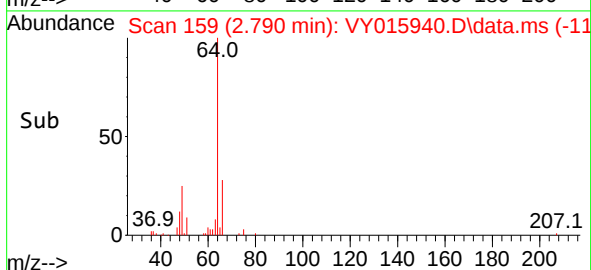
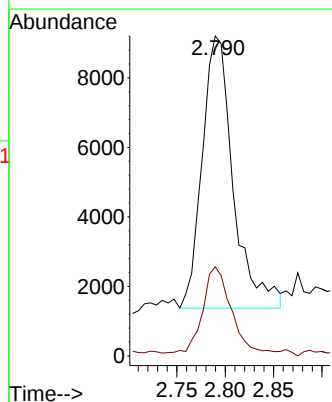
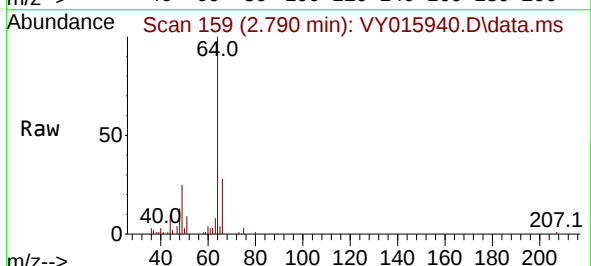
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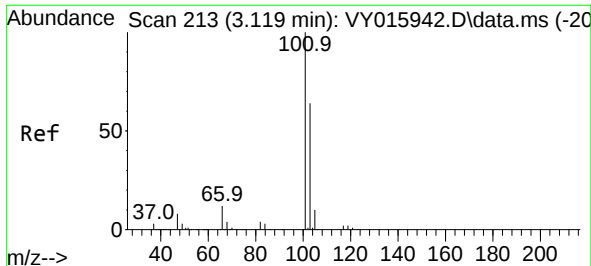
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#6
Chloroethane
Concen: 11.396 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 64 Resp: 17496
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6





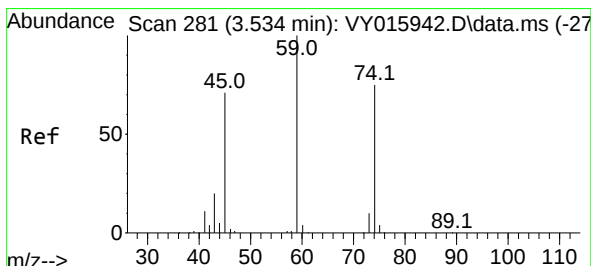
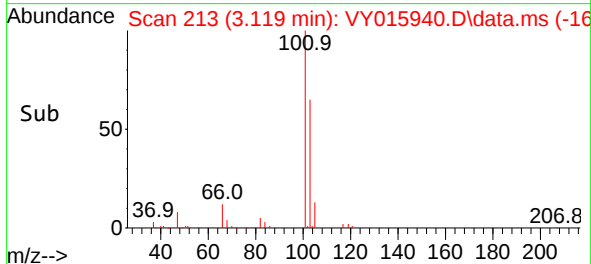
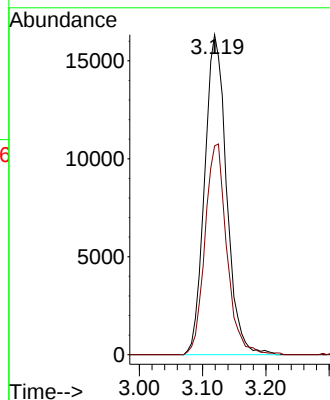
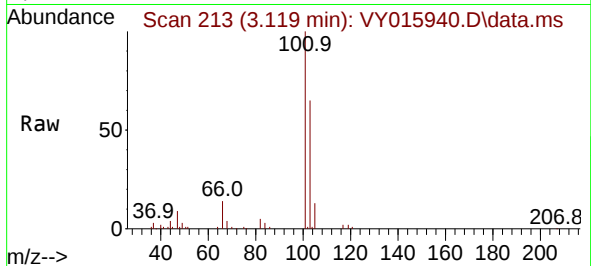
#7
Trichlorofluoromethane
Concen: 9.870 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 3940
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

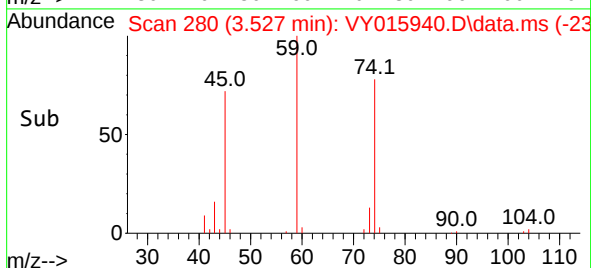
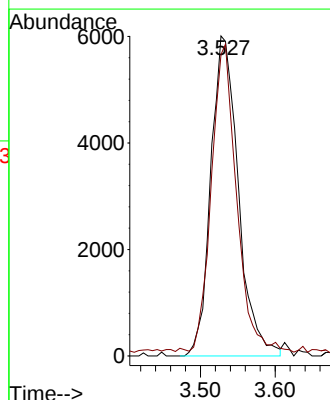
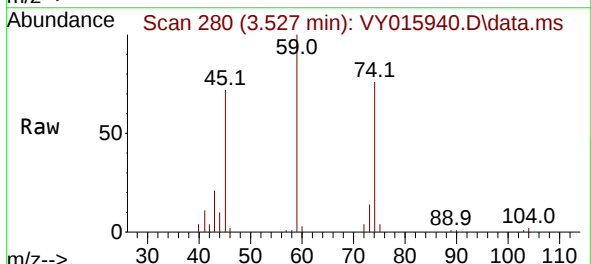
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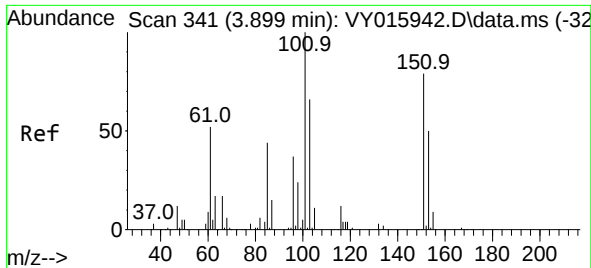
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#8
Diethyl Ether
Concen: 10.317 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 74 Resp: 15393
Ion Ratio Lower Upper
74 100
45 88.1 51.5 154.5





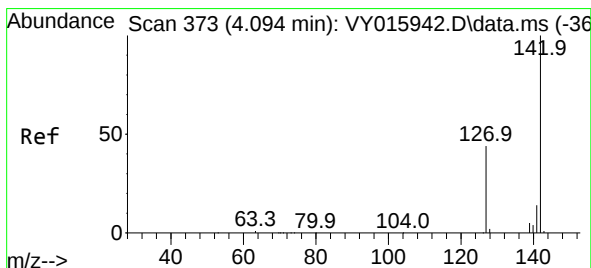
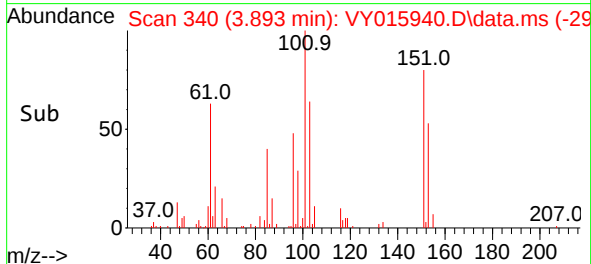
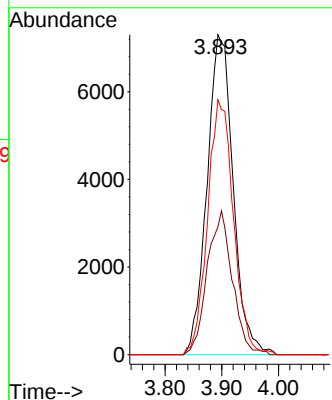
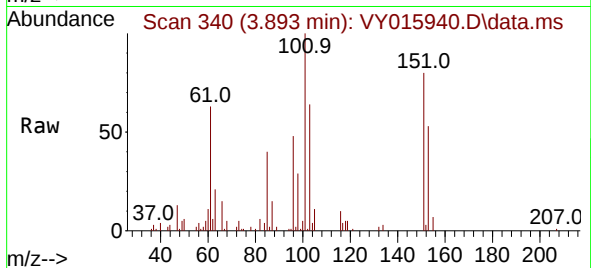
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.297 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 23374
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 79.1 67.0 100.6

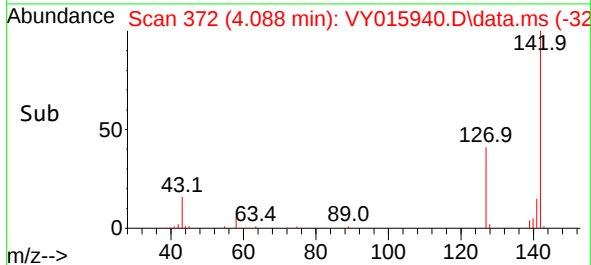
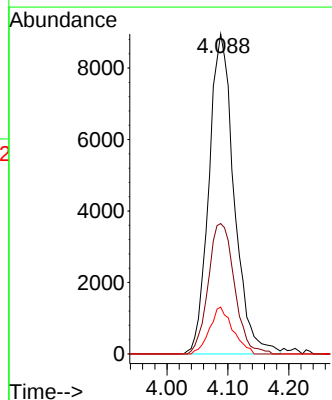
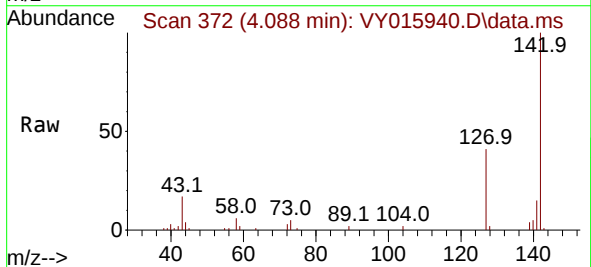
Manual Integrations
APPROVED

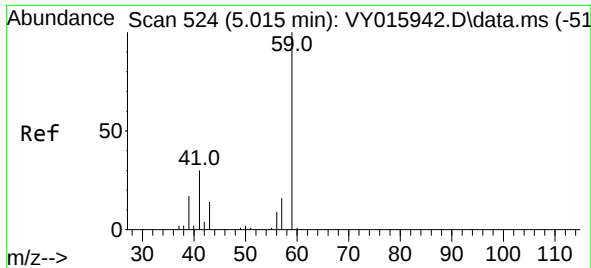
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#10
Methyl Iodide
Concen: 9.863 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

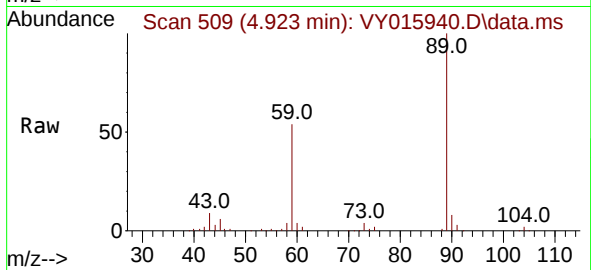
Tgt Ion:142 Resp: 25746
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 13.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 75.499 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.092 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

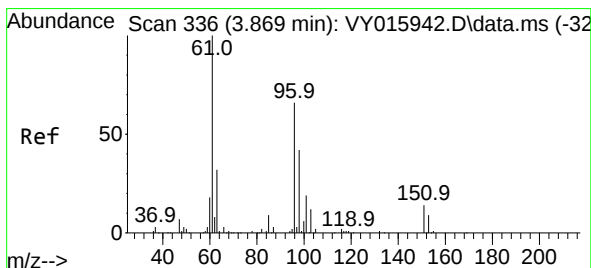
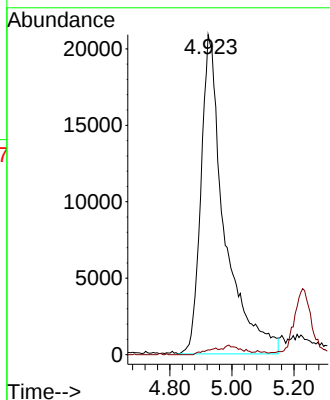
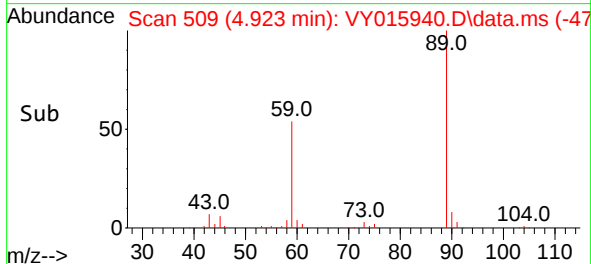
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 59 Resp: 109799
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4

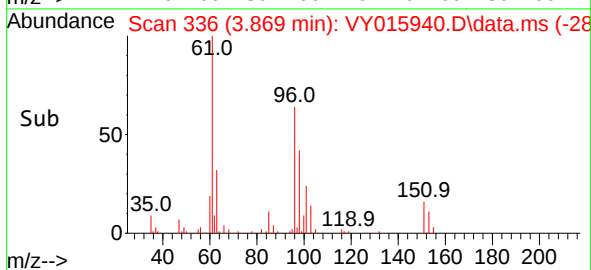
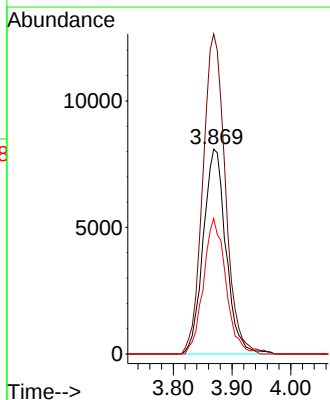
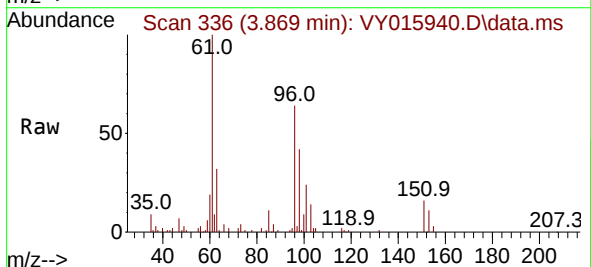
Manual Integrations
APPROVED

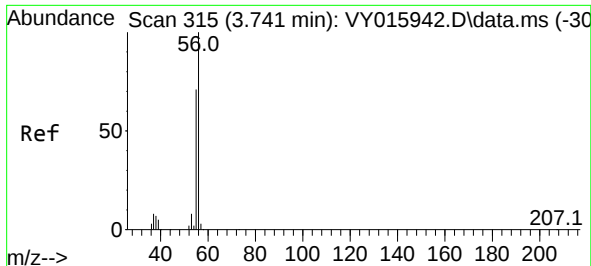
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#12
1,1-Dichloroethene
Concen: 10.189 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

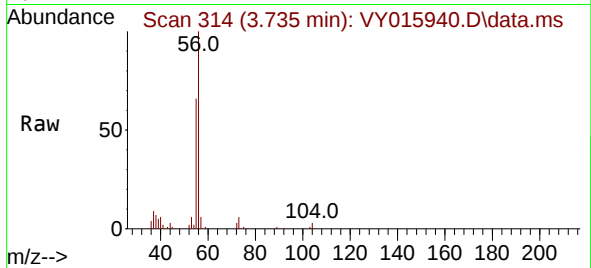
Tgt Ion: 96 Resp: 21788
Ion Ratio Lower Upper
96 100
61 156.3 136.4 204.6
98 66.1 49.4 74.2





#13
Acrolein
Concen: 46.226 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

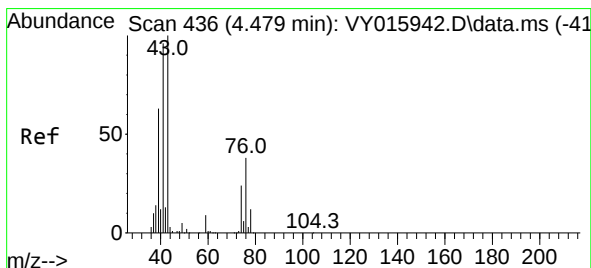
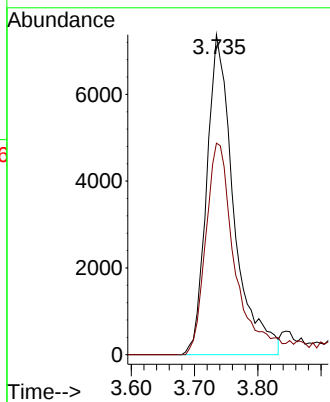
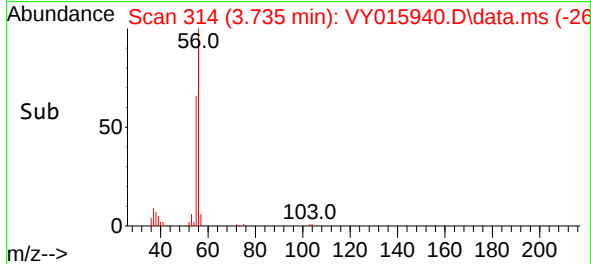
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 21910
Ion Ratio Lower Upper
56 100
55 71.4 57.0 85.4

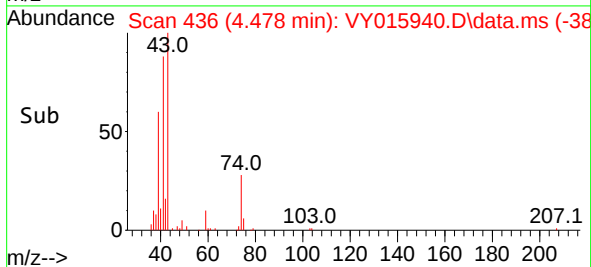
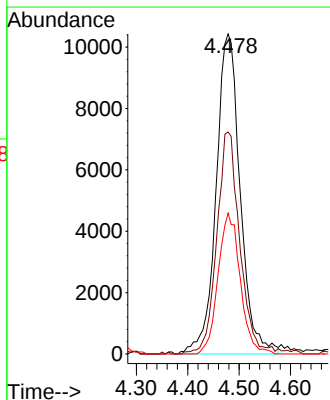
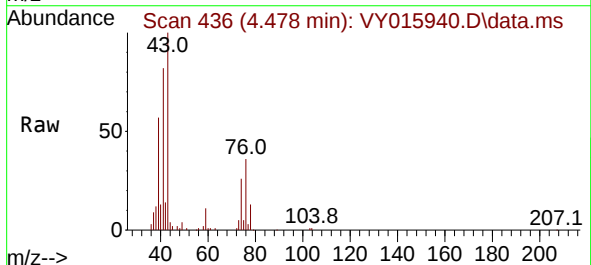
Manual Integrations
APPROVED

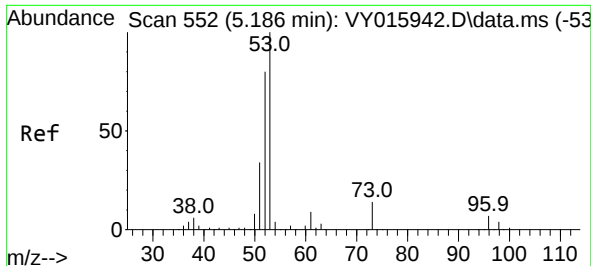
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#14
Allyl chloride
Concen: 9.831 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

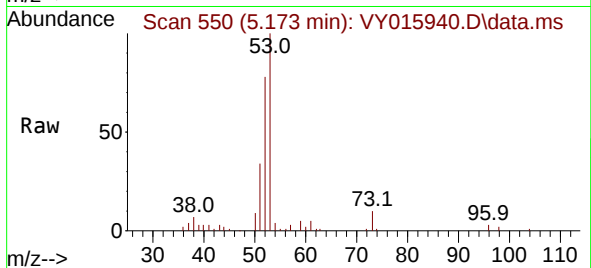
Tgt Ion: 41 Resp: 33972
Ion Ratio Lower Upper
41 100
39 66.6 58.0 87.0
76 40.4 27.4 41.2





#15
Acrylonitrile
Concen: 45.763 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

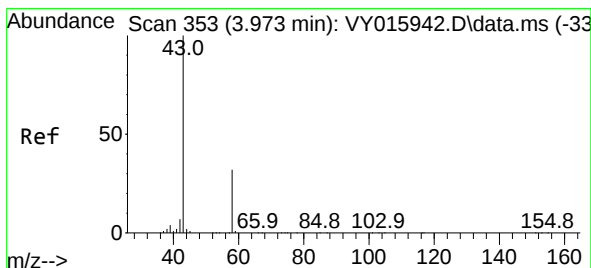
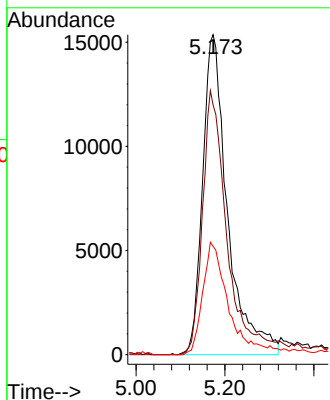
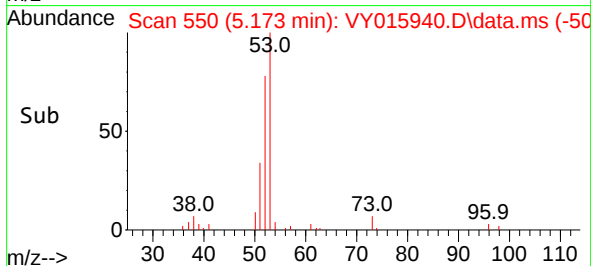
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 6015
Ion Ratio Lower Upper
53 100
52 80.3 66.9 100.3
51 35.2 29.8 44.6

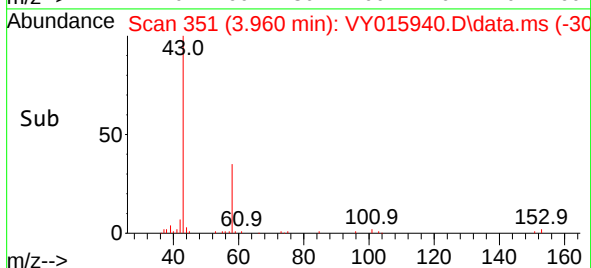
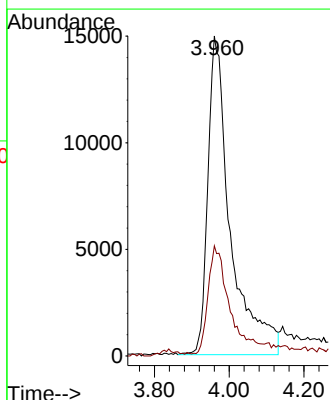
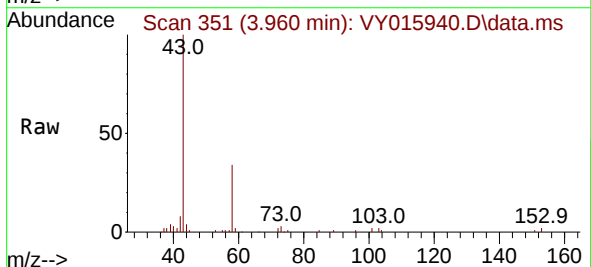
Manual Integrations
APPROVED

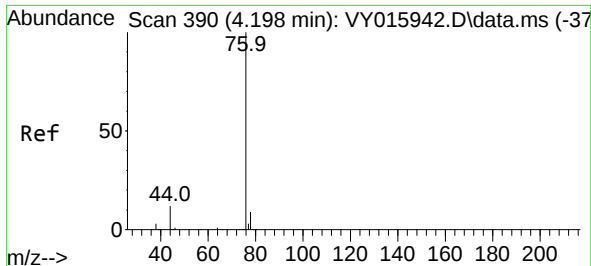
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#16
Acetone
Concen: 42.709 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

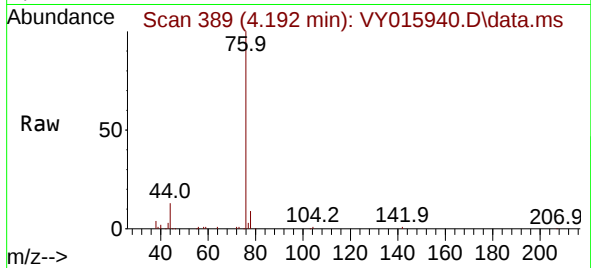
Tgt Ion: 43 Resp: 62617
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1





#17
Carbon Disulfide
Concen: 9.988 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

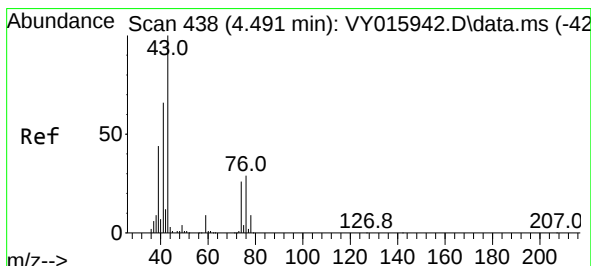
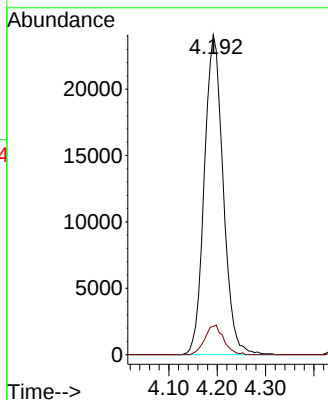
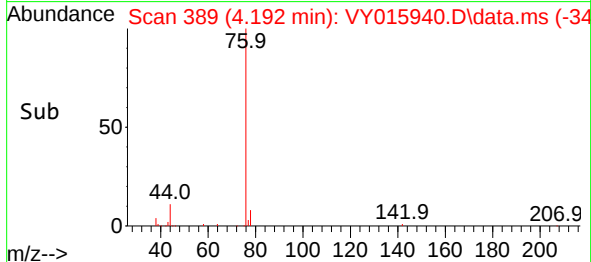
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 6528
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

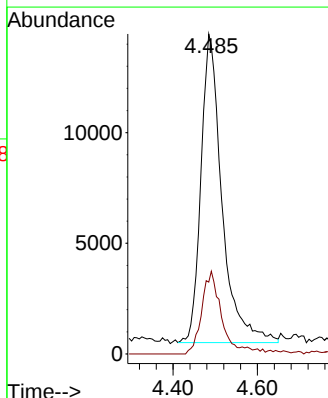
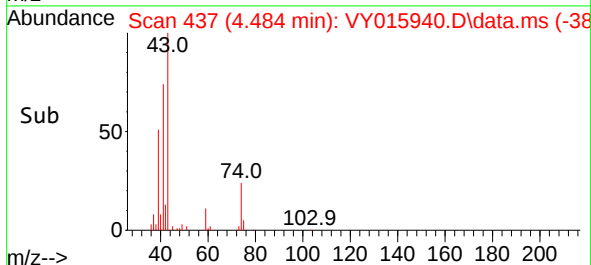
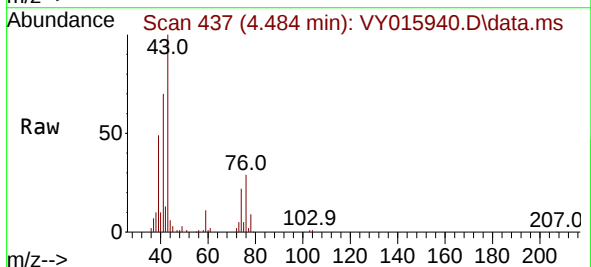
Manual Integrations
APPROVED

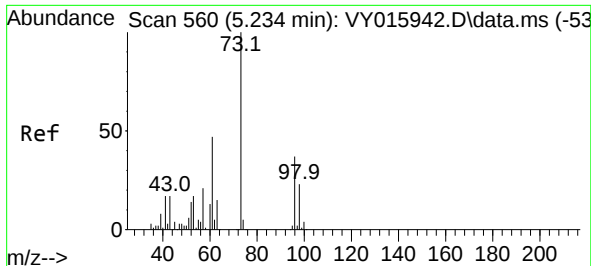
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#18
Methyl Acetate
Concen: 9.577 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 43 Resp: 48428
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0





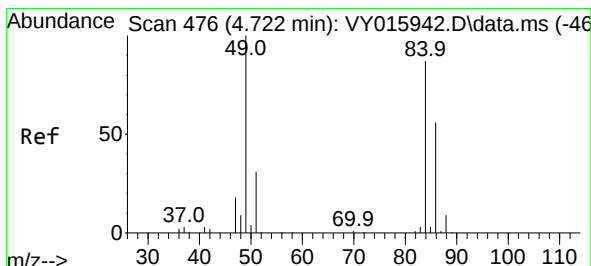
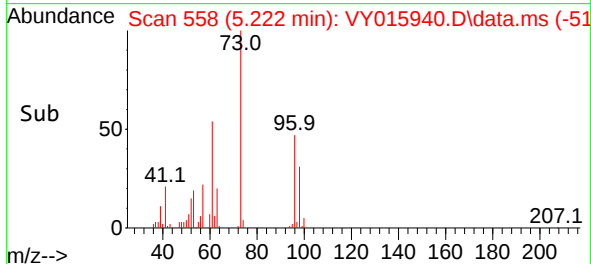
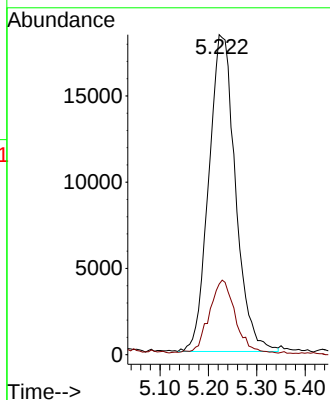
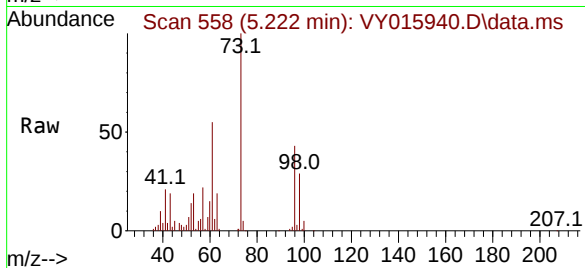
#19
Methyl tert-butyl Ether
Concen: 9.825 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 7043
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

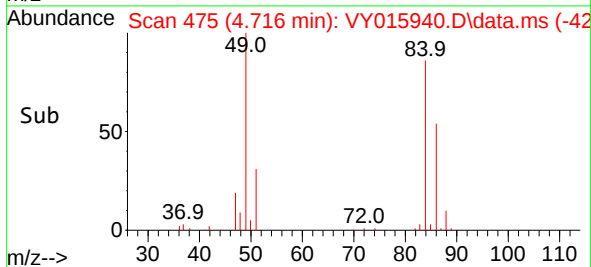
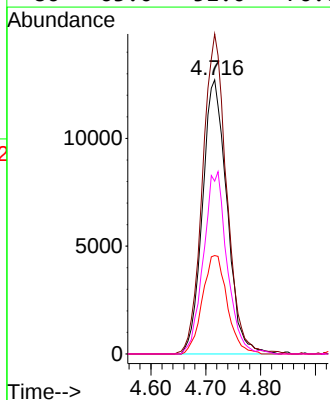
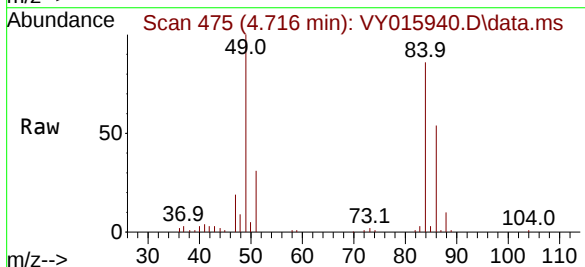
Manual Integrations
APPROVED

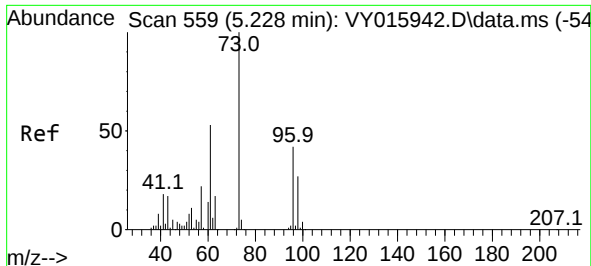
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#20
Methylene Chloride
Concen: 10.896 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

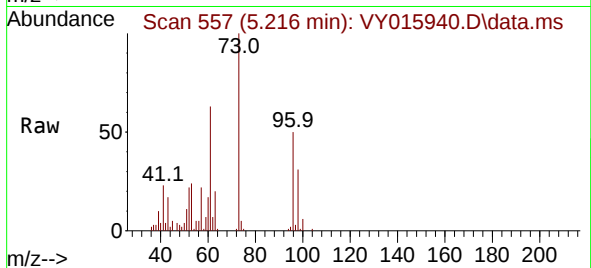
Tgt Ion: 84 Resp: 39368
Ion Ratio Lower Upper
84 100
49 116.2 106.9 160.3
51 35.9 33.2 49.8
86 63.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 10.077 ug/l
RT: 5.216 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

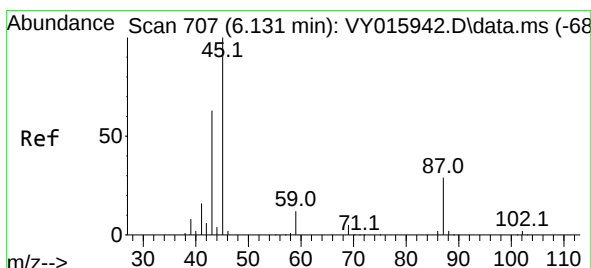
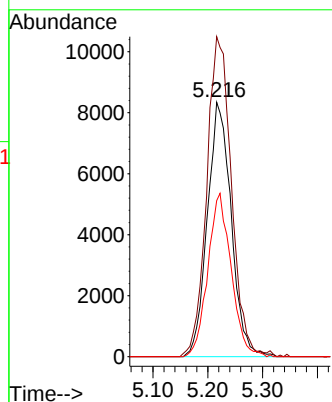
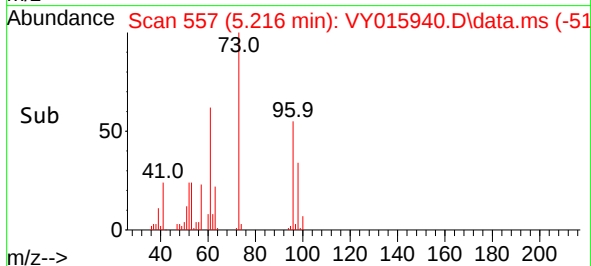
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 25189
Ion Ratio Lower Upper
96 100
61 125.8 110.2 165.4
98 61.4 51.8 77.6

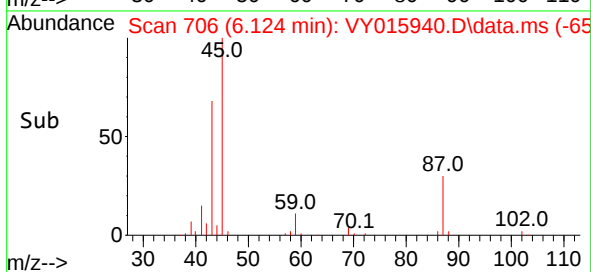
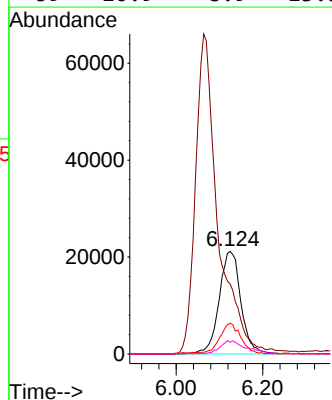
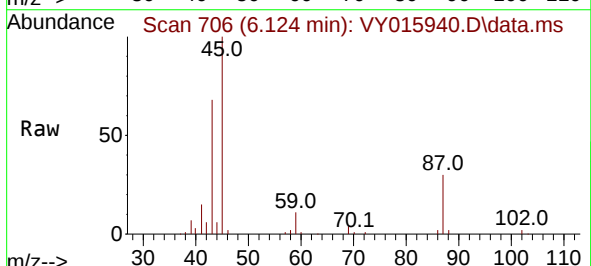
Manual Integrations
APPROVED

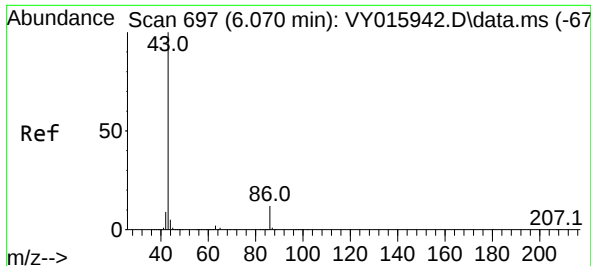
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#22
Diisopropyl ether
Concen: 10.309 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 45 Resp: 73977
Ion Ratio Lower Upper
45 100
43 66.2 52.2 78.4
87 29.9 21.0 31.6
59 10.9 8.9 13.3





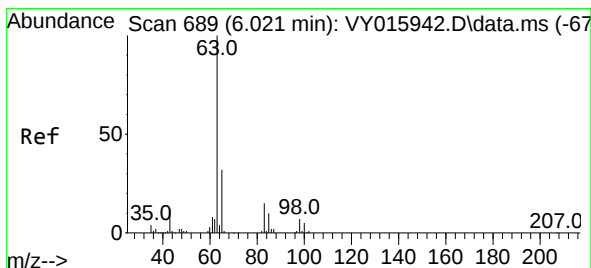
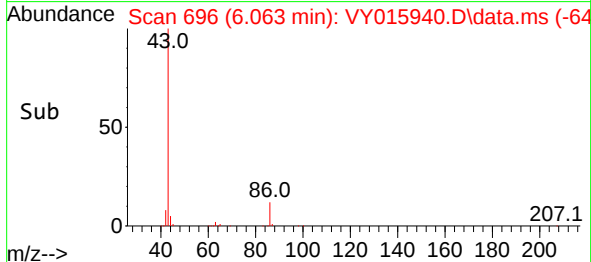
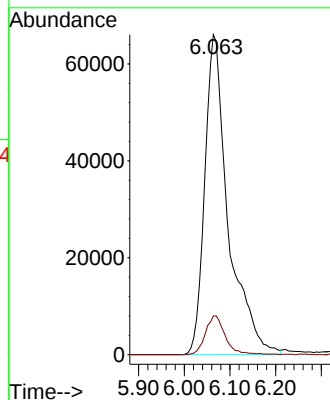
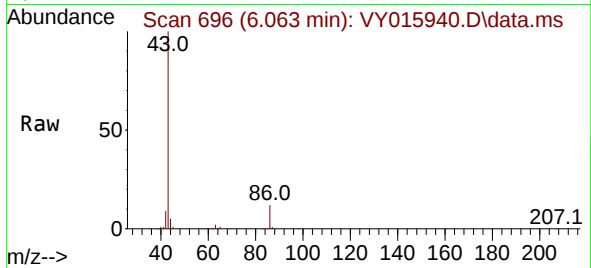
#23
 Vinyl Acetate
 Concen: 49.949 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY015940.D
 Acq: 12 Oct 2023 17:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Tgt Ion: 43 Resp: 235790
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3

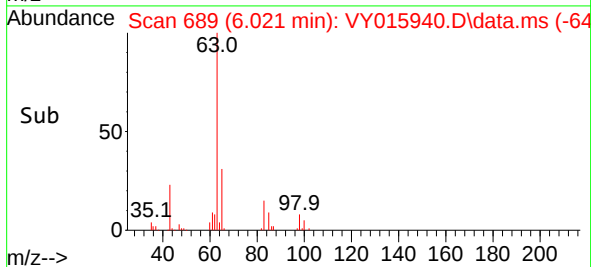
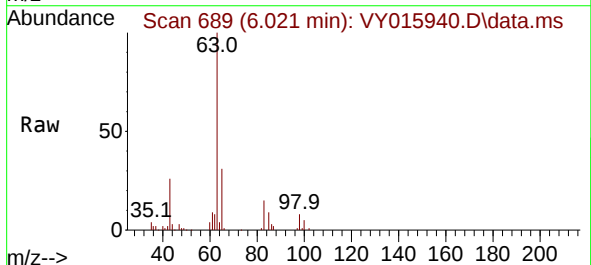
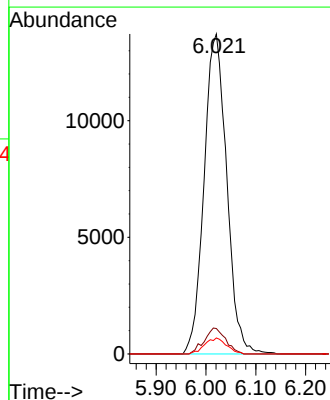
Manual Integrations
 APPROVED

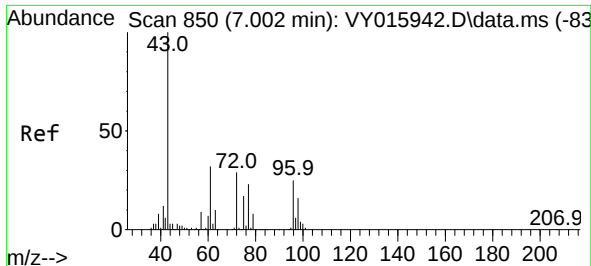
Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023



#24
 1,1-Dichloroethane
 Concen: 10.136 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY015940.D
 Acq: 12 Oct 2023 17:56

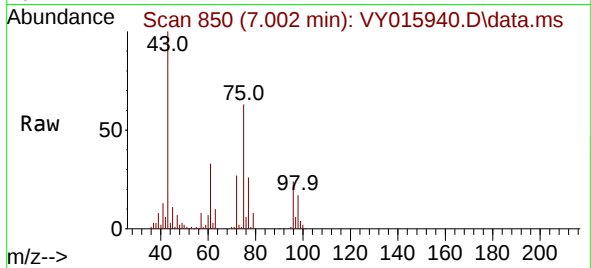
Tgt Ion: 63 Resp: 43275
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.0 1.8 5.5





#25
2-Butanone
Concen: 41.086 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

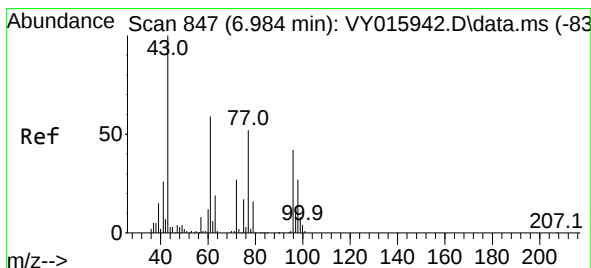
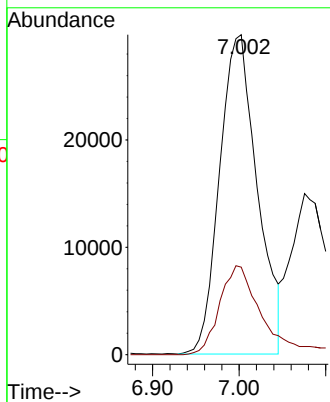
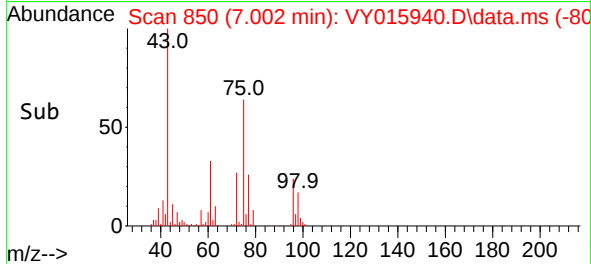
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



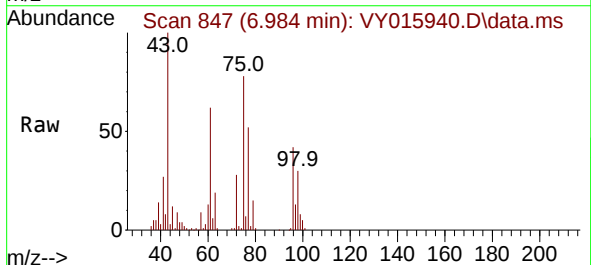
Tgt Ion: 43 Resp: 90130
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7

Manual Integrations
APPROVED

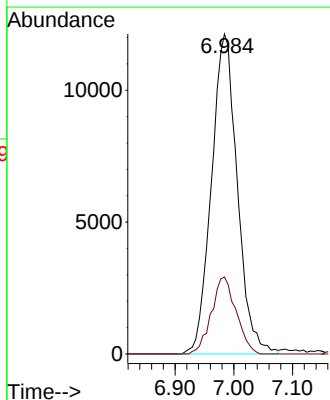
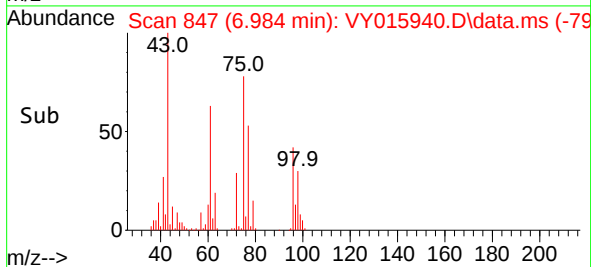
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

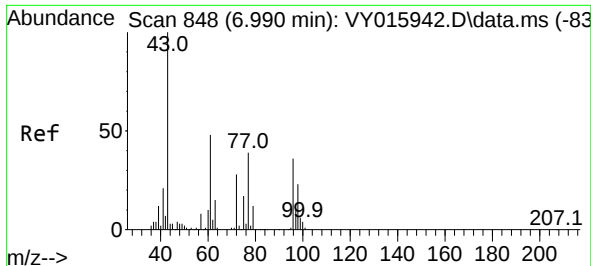


#26
2,2-Dichloropropane
Concen: 10.471 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56



Tgt Ion: 77 Resp: 37124
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 9.835 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

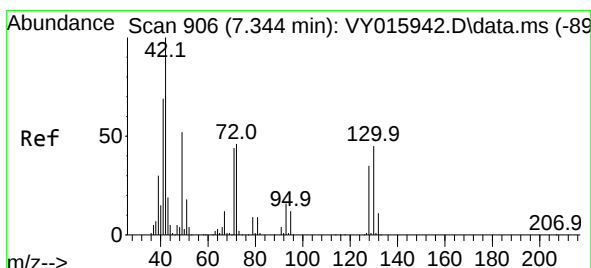
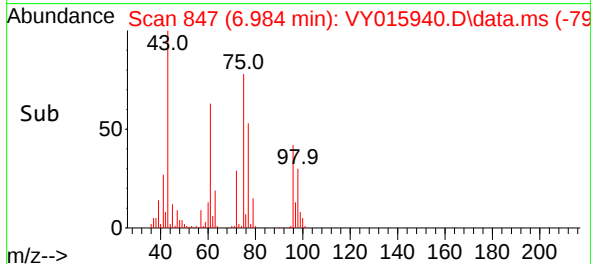
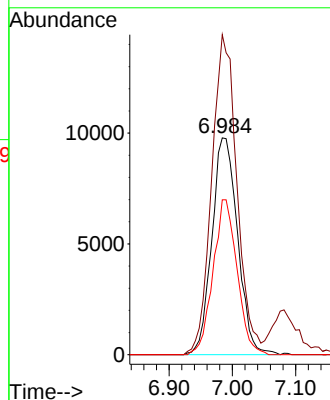
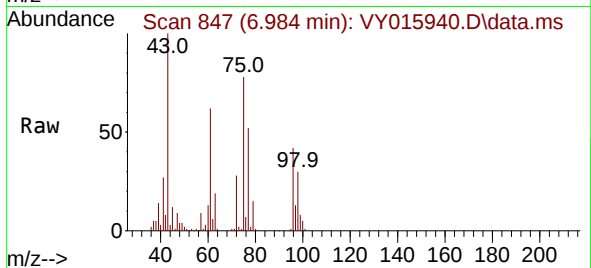
VSTDICC010

Tgt Ion:	96	Resp:	2764
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	301.4
98	66.7	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#28

Bromochloromethane

Concen: 10.844 ug/l

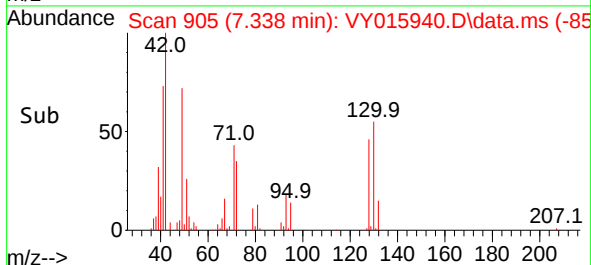
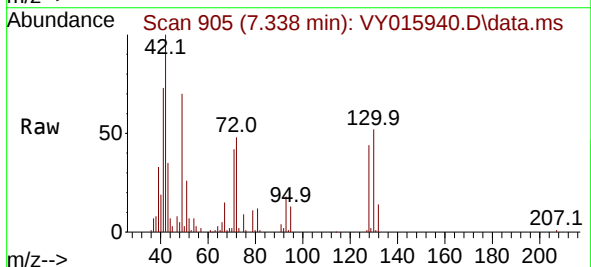
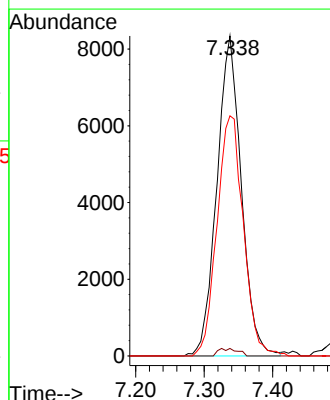
RT: 7.338 min Scan# 905

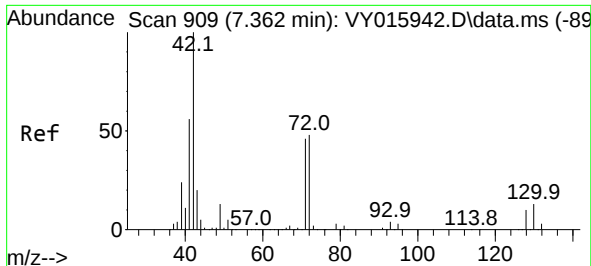
Delta R.T. -0.006 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Tgt Ion:	49	Resp:	20661
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	80.7	60.7	91.1





#29

Tetrahydrofuran

Concen: 46.217 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

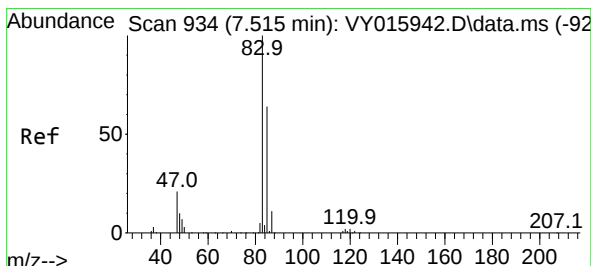
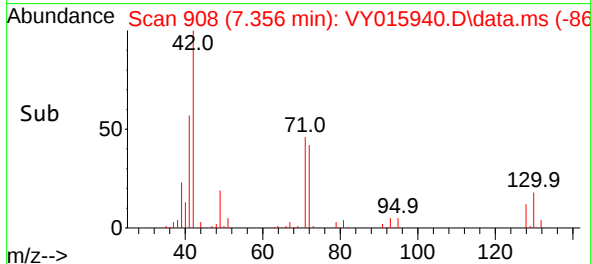
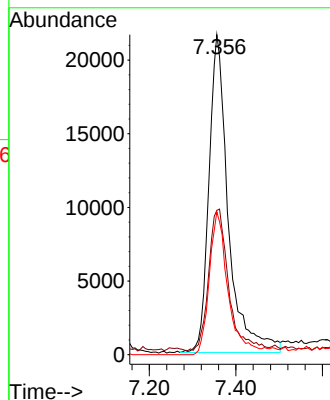
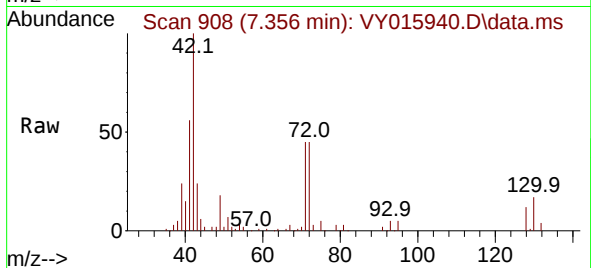
VSTDIC010

Tgt Ion:	42	Resp:	67218
Ion	Ratio	Lower	Upper
42	100		
72	45.6	32.8	49.2
71	43.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#30

Chloroform

Concen: 10.296 ug/l

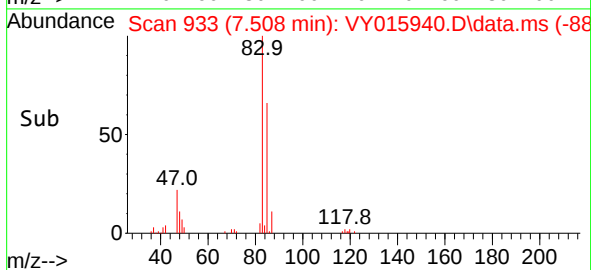
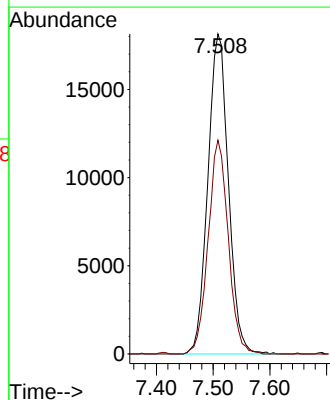
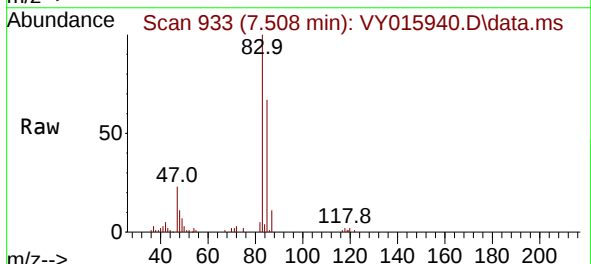
RT: 7.508 min Scan# 933

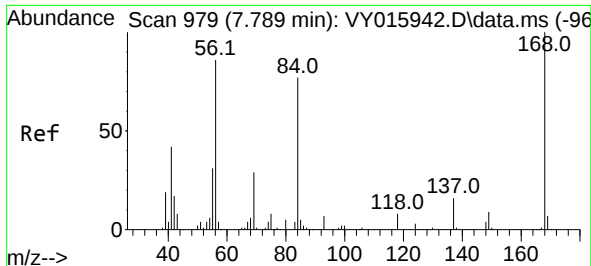
Delta R.T. -0.006 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

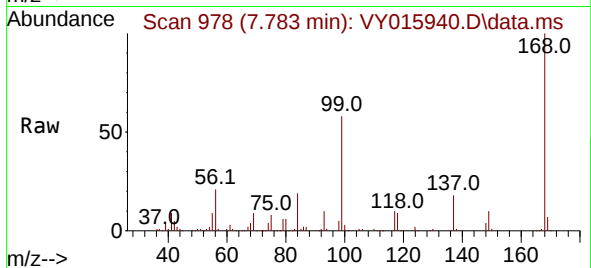
Tgt Ion:	83	Resp:	45628
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.7	74.5





#31
Cyclohexane
Concen: 10.582 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

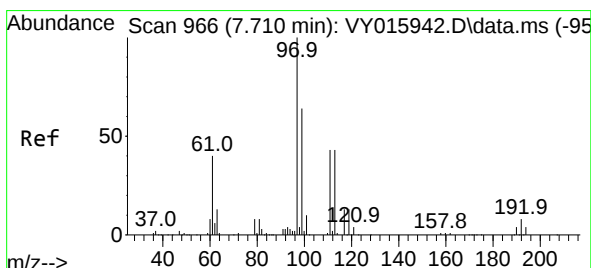
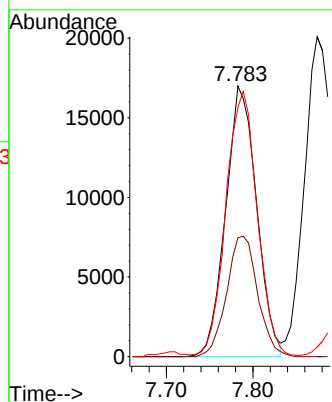
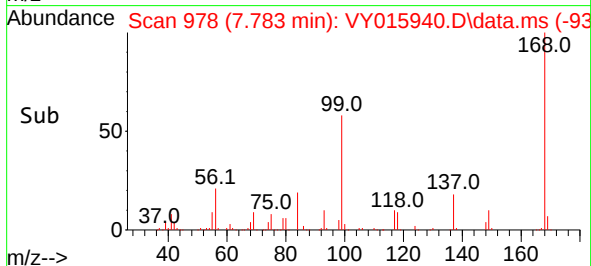
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 42274
Ion Ratio Lower Upper
56 100
69 44.0 27.8 41.6
84 91.2 66.4 99.6

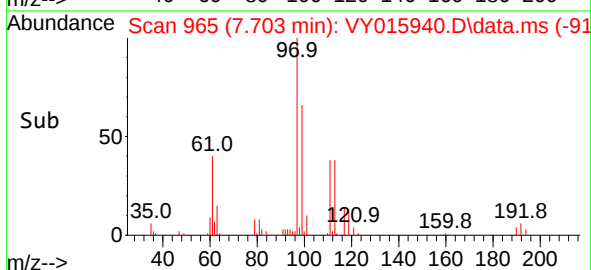
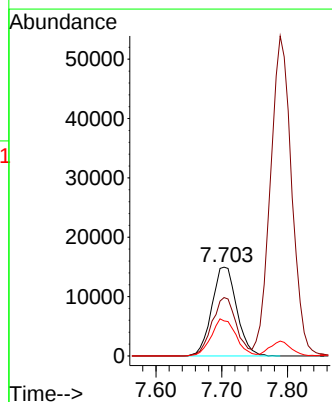
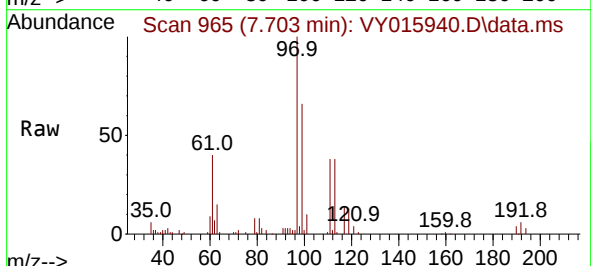
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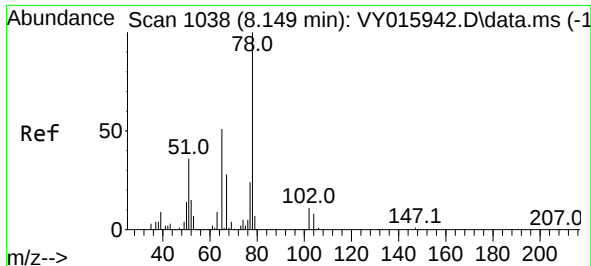
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#32
1,1,1-Trichloroethane
Concen: 10.005 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 97 Resp: 39431
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 41.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 10.287 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 25810

Ion Ratio Lower Upper

65 100

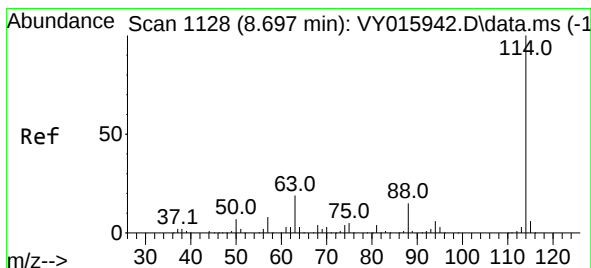
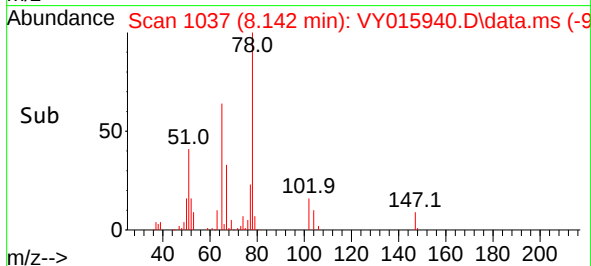
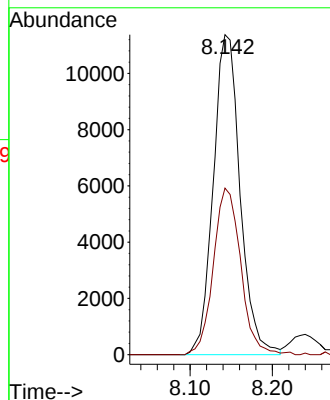
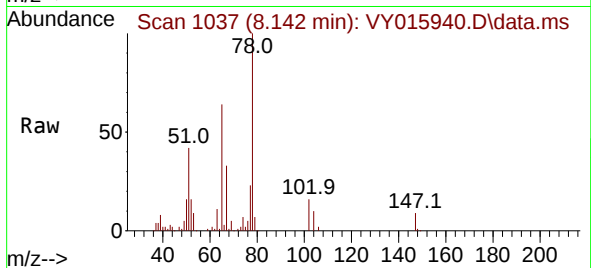
67 53.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

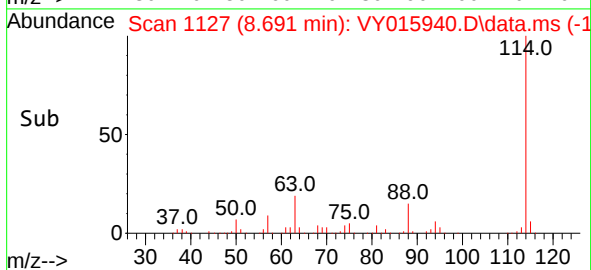
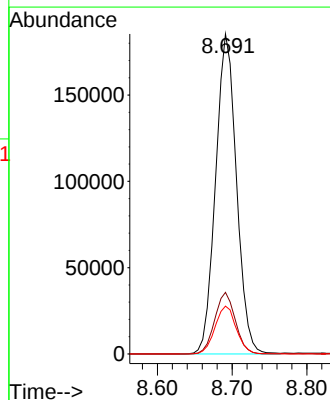
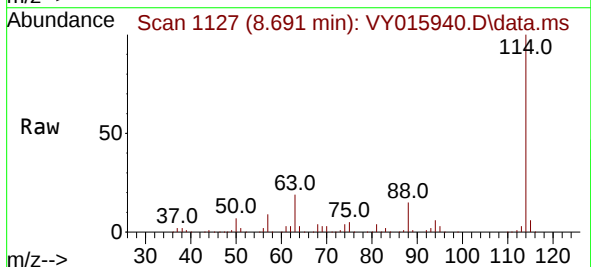
Tgt Ion:114 Resp: 360312

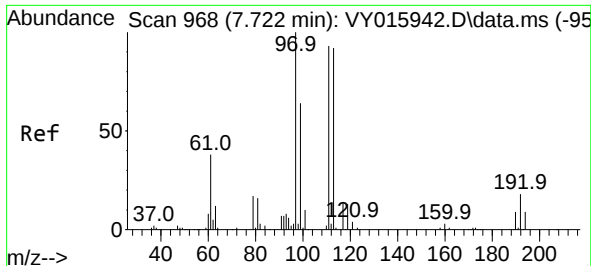
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

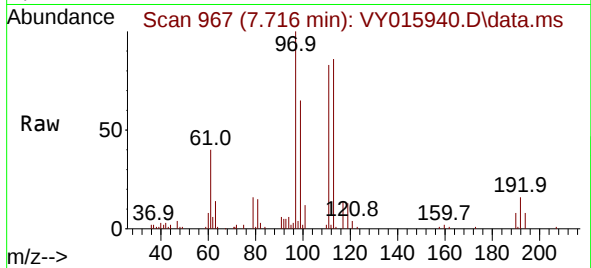
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 10.035 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

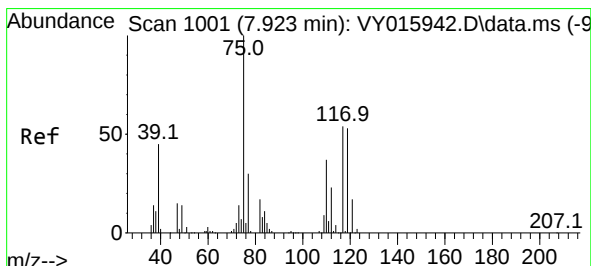
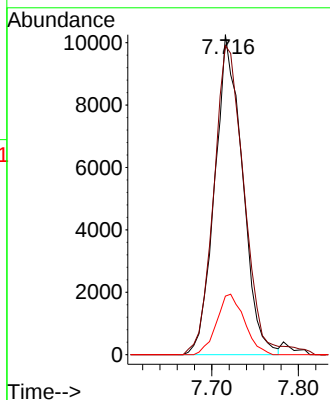
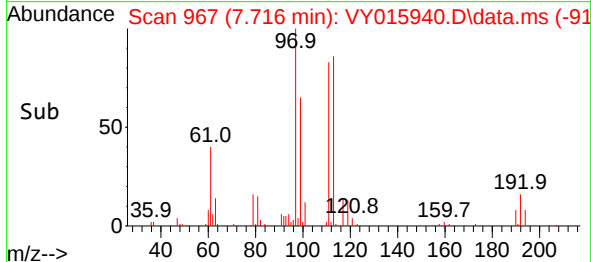
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



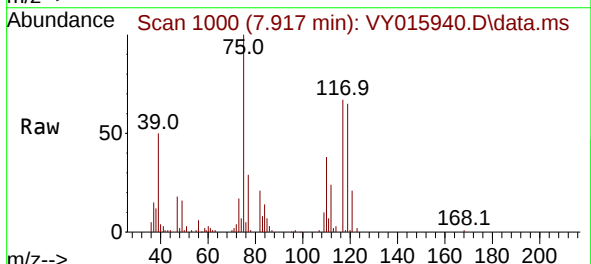
Tgt Ion:113 Resp: 22764
Ion Ratio Lower Upper
113 100
111 106.2 81.3 121.9
192 19.0 16.9 25.3

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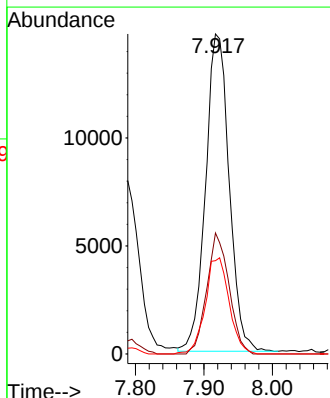
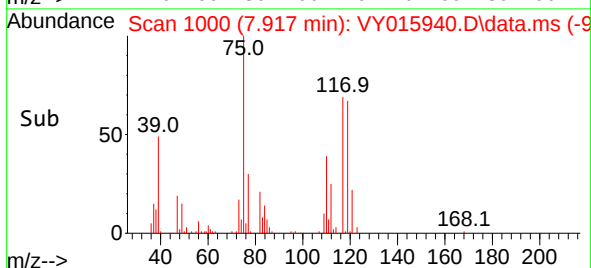
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

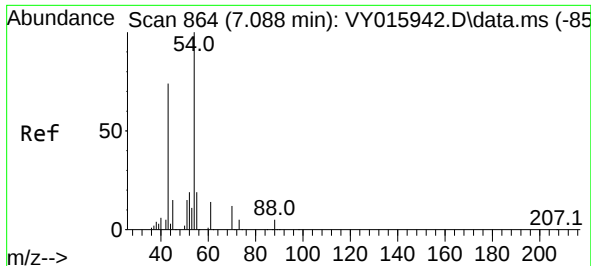


#36
1,1-Dichloropropene
Concen: 10.281 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56



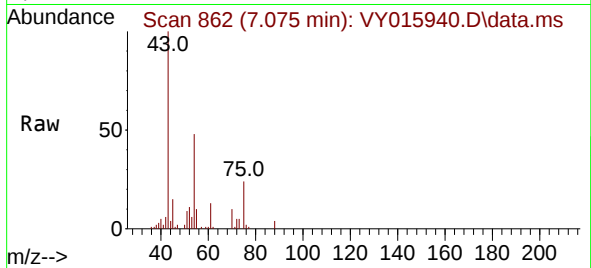
Tgt Ion: 75 Resp: 35189
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 8.397 ug/l m
RT: 7.075 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

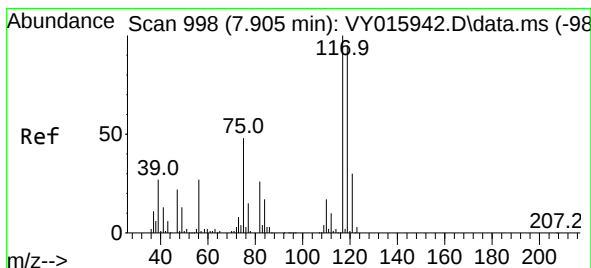
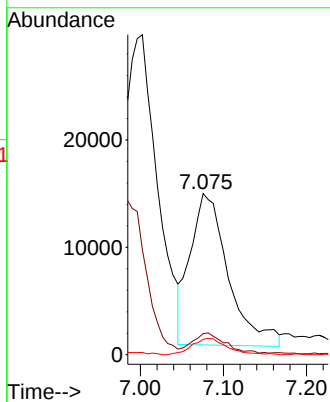
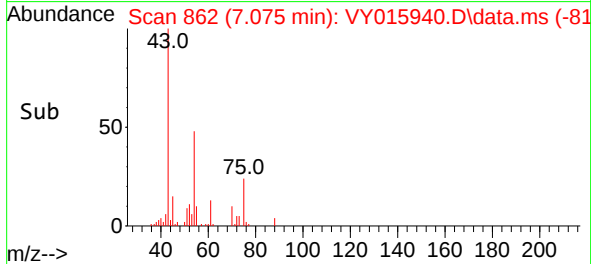
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 4509
Ion Ratio Lower Upper
43 100
61 11.5 10.1 15.1
70 9.8 7.1 10.7

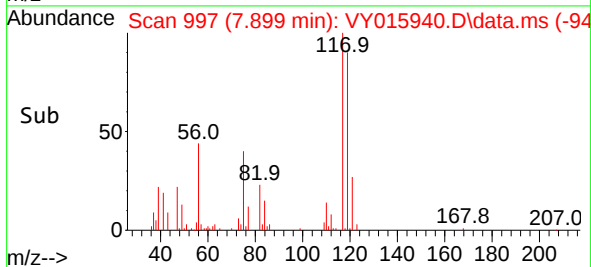
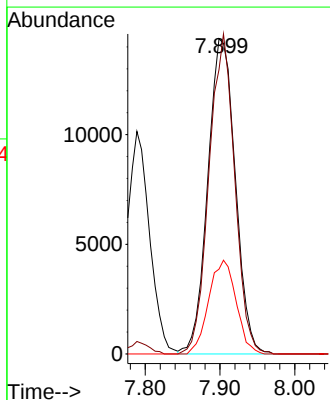
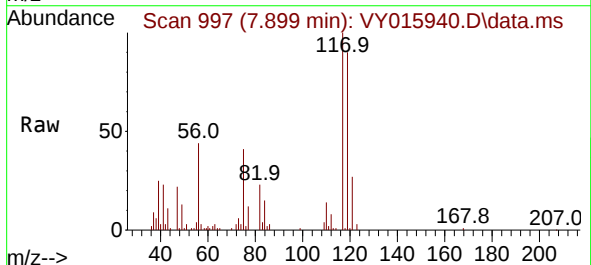
Manual Integrations
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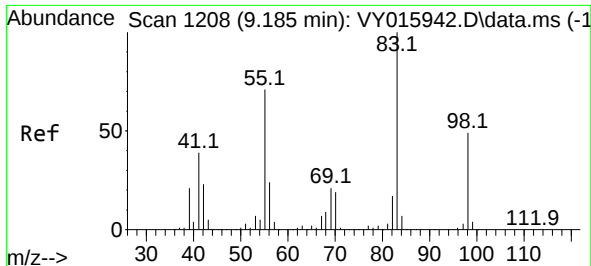
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#38
Carbon Tetrachloride
Concen: 10.206 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion:117 Resp: 36789
Ion Ratio Lower Upper
117 100
119 90.2 76.4 114.6
121 26.9 25.8 38.6





#39

Methylcyclohexane

Concen: 9.938 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

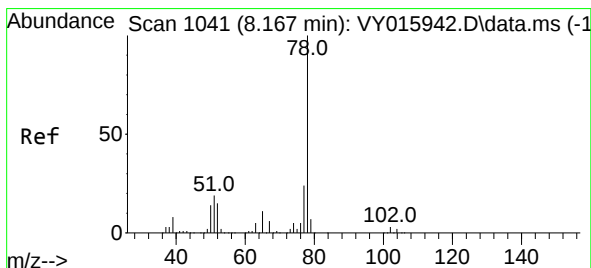
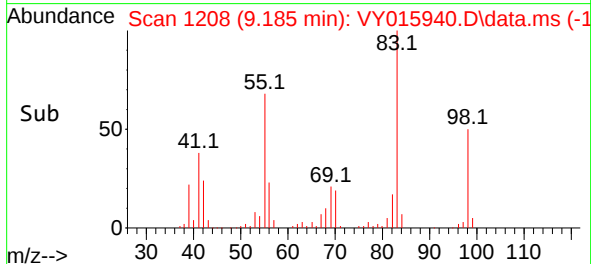
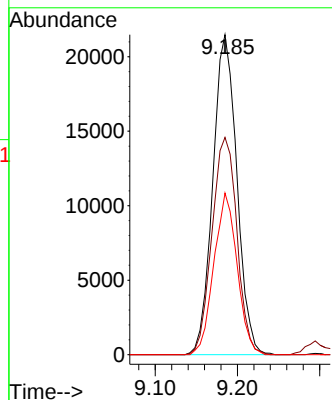
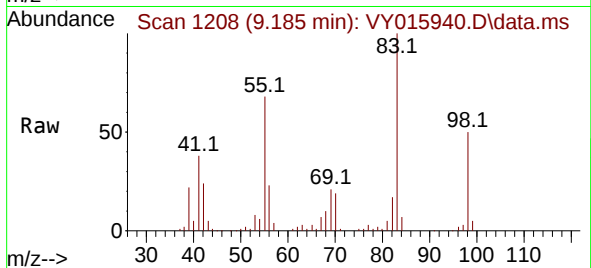
VSTDIC010

Tgt Ion: 83 Resp: 43640
 Ion Ratio Lower Upper
 83 100
 55 67.9 63.0 94.4
 98 50.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023



#40

Benzene

Concen: 10.088 ug/l

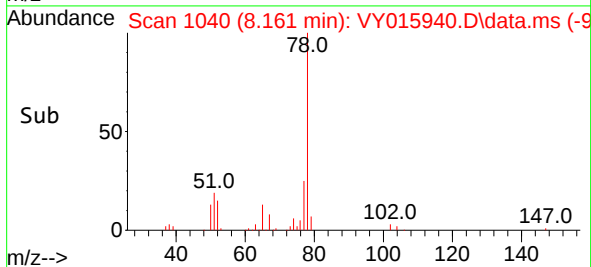
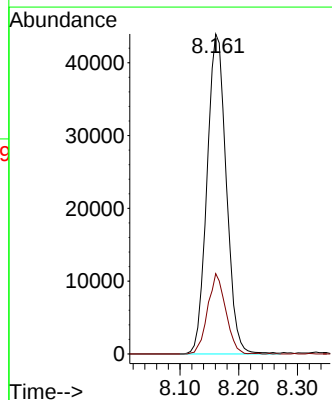
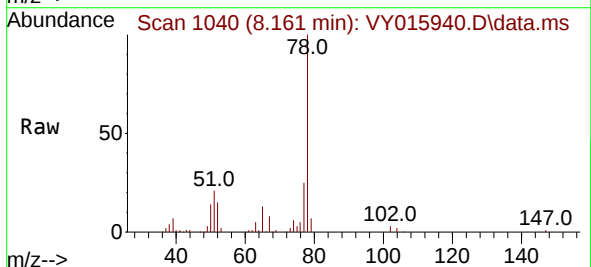
RT: 8.161 min Scan# 1040

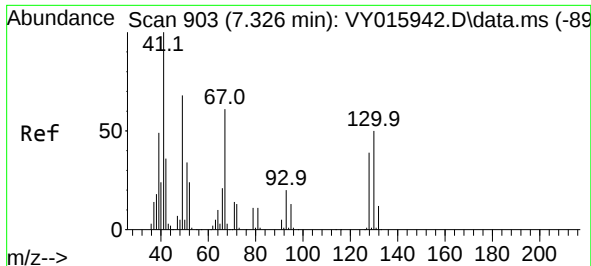
Delta R.T. -0.006 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

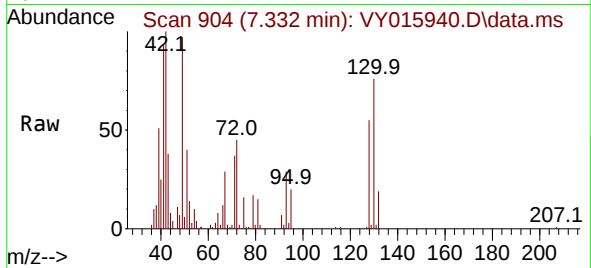
Tgt Ion: 78 Resp: 99906
 Ion Ratio Lower Upper
 78 100
 77 25.1 19.0 28.6





#41
Methacrylonitrile
Concen: 10.315 ug/l m
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

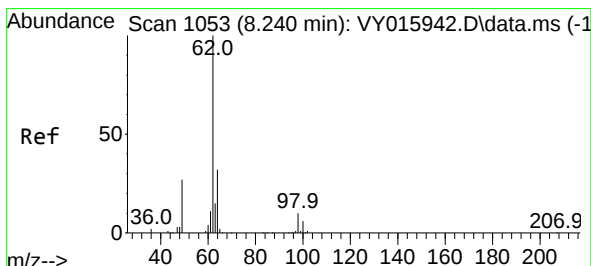
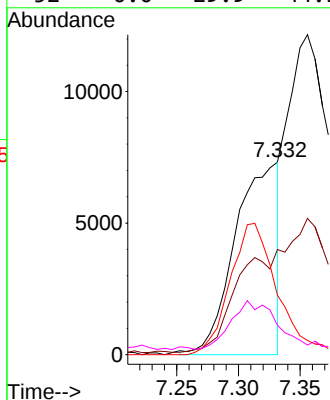
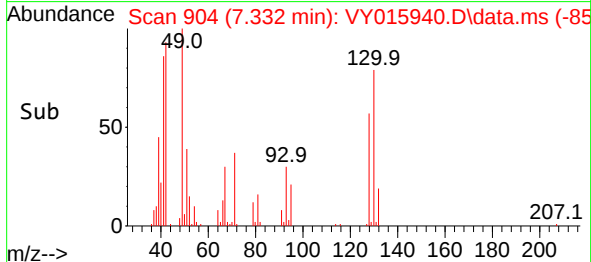
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 17929
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

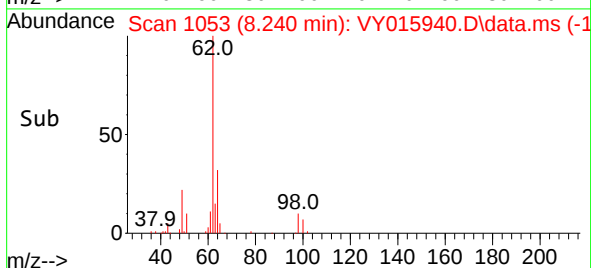
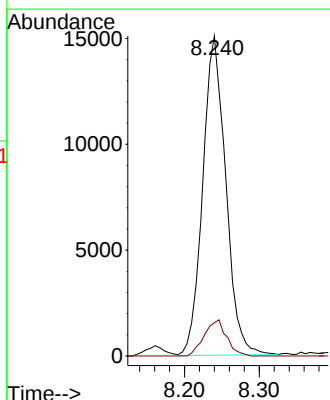
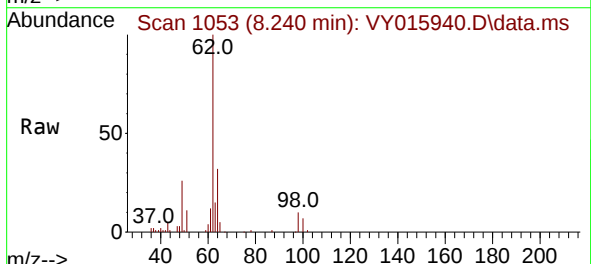
Manual Integrations
APPROVED

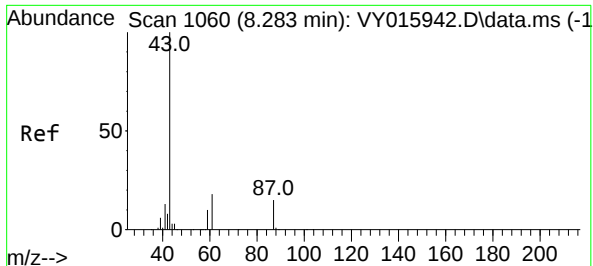
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#42
1,2-Dichloroethane
Concen: 10.164 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 62 Resp: 32297
Ion Ratio Lower Upper
62 100
98 10.9 0.0 15.8





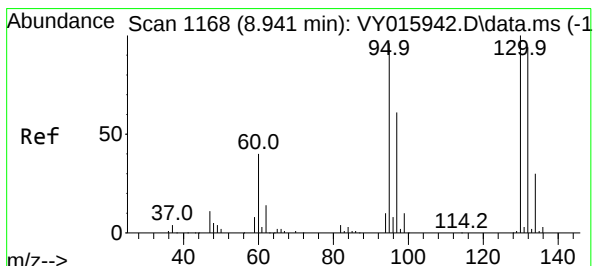
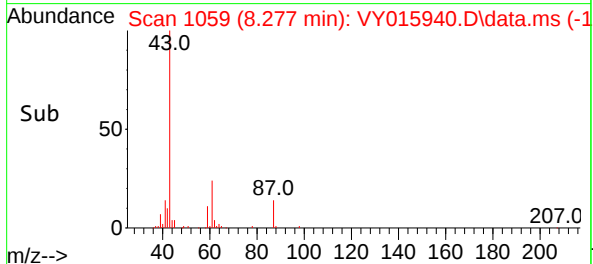
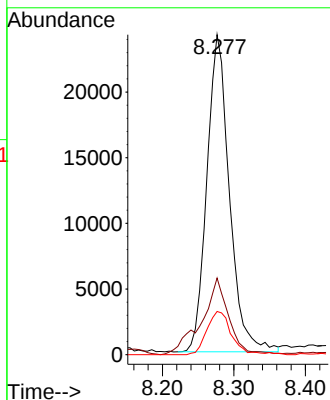
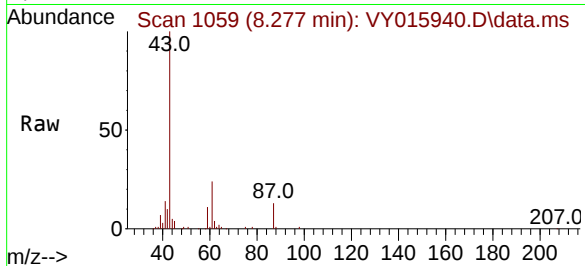
#43
Isopropyl Acetate
Concen: 9.348 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 52938
Ion Ratio Lower Upper
43 100
61 29.2 21.1 31.7
87 14.7 9.8 14.8

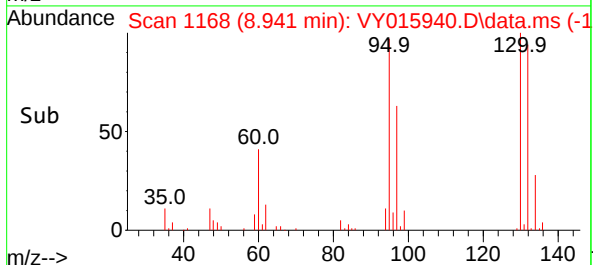
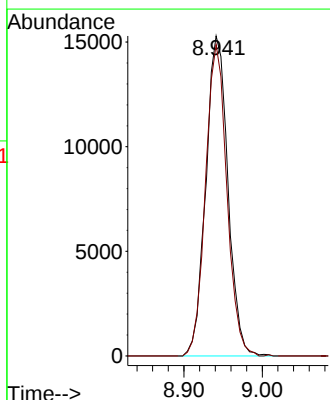
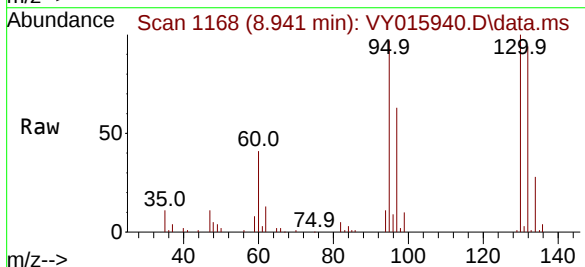
Manual Integrations
APPROVED

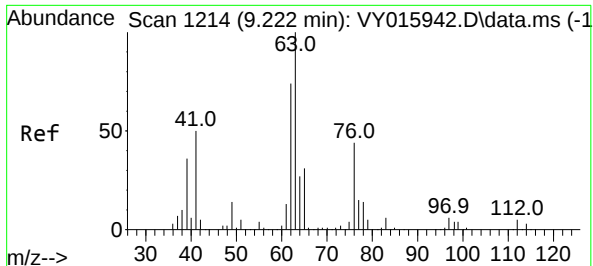
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#44
Trichloroethene
Concen: 9.824 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion:130 Resp: 29980
Ion Ratio Lower Upper
130 100
95 97.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 10.258 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 2592

Ion Ratio Lower Upper

63 100

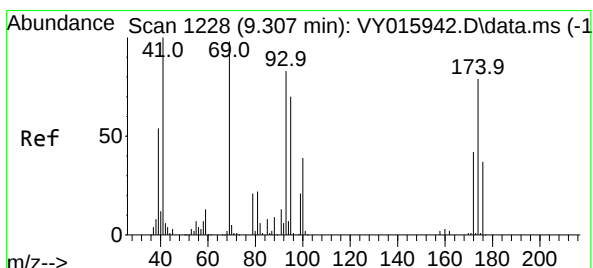
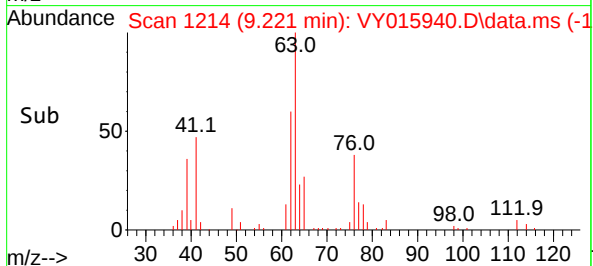
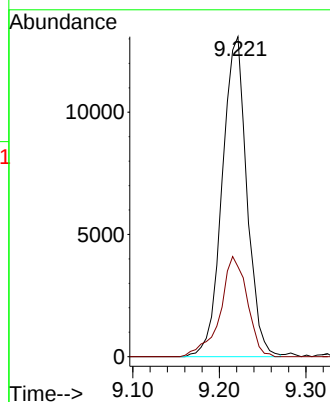
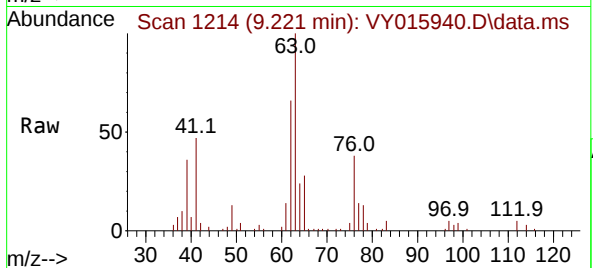
65 28.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#46

Dibromomethane

Concen: 9.896 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

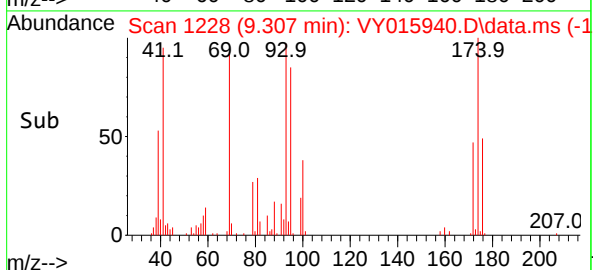
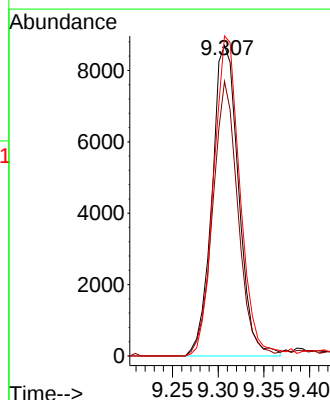
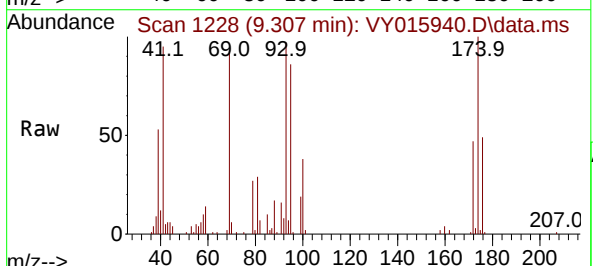
Tgt Ion: 93 Resp: 17578

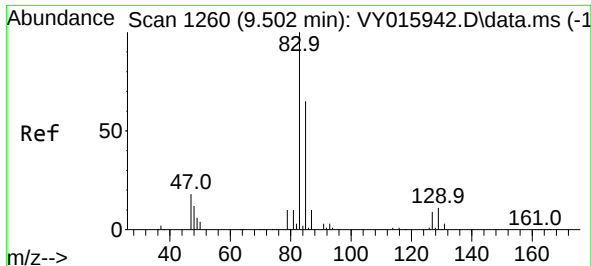
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 101.5 84.8 127.2





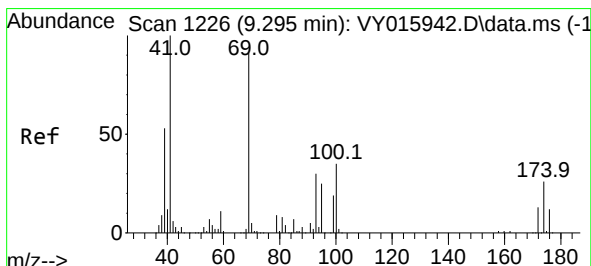
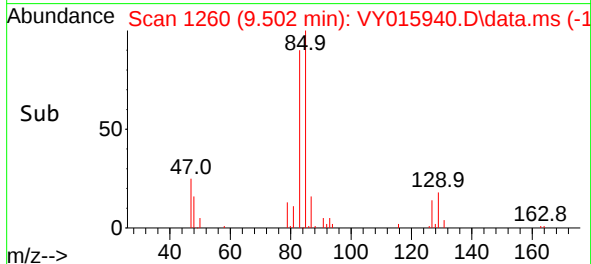
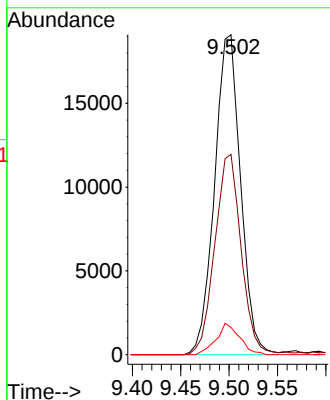
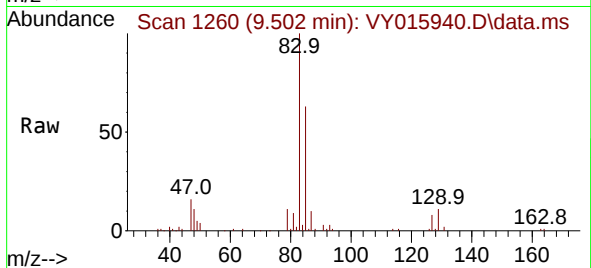
#47
Bromodichloromethane
Concen: 9.956 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 35710
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.5 7.1 10.7

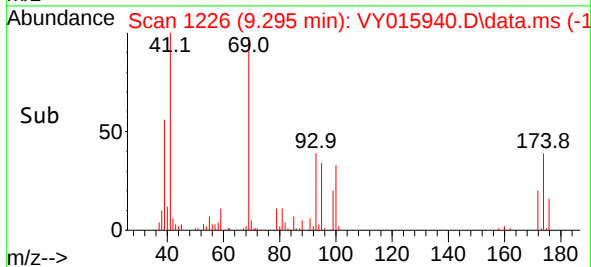
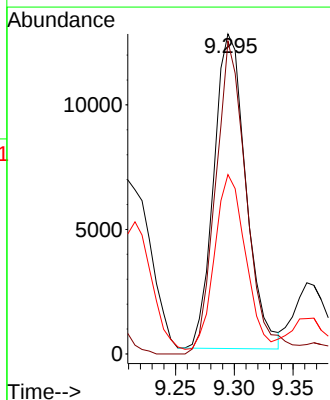
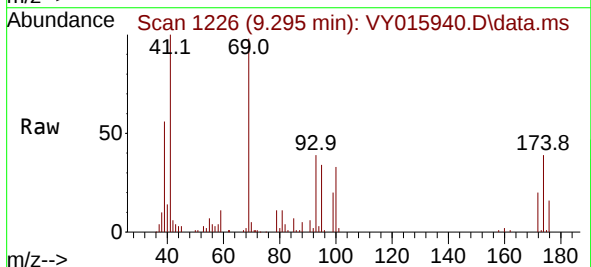
Manual Integrations
APPROVED

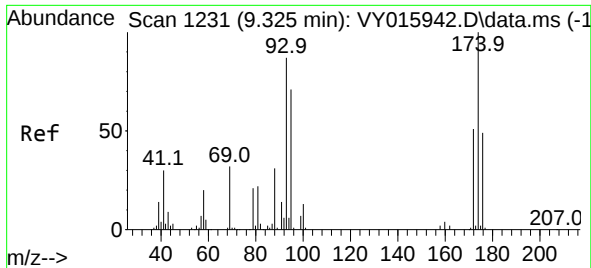
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#48
Methyl methacrylate
Concen: 9.577 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

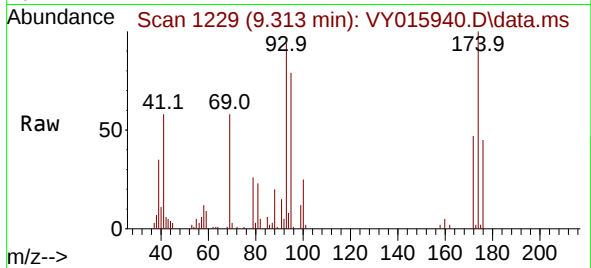
Tgt Ion: 41 Resp: 23999
Ion Ratio Lower Upper
41 100
69 95.9 64.5 96.7
39 53.2 50.8 76.2





#49
1,4-Dioxane
Concen: 203.158 ug/l m
RT: 9.313 min Scan# 1229
Delta R.T. -0.012 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

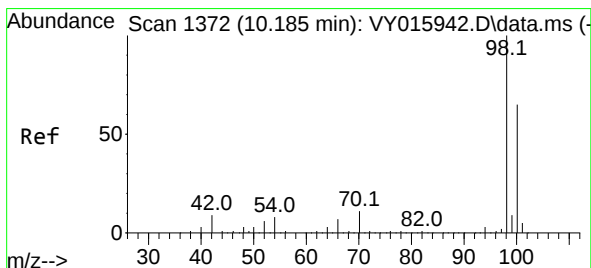
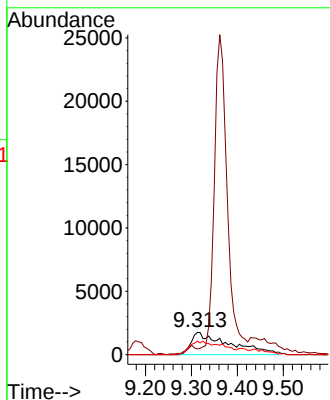
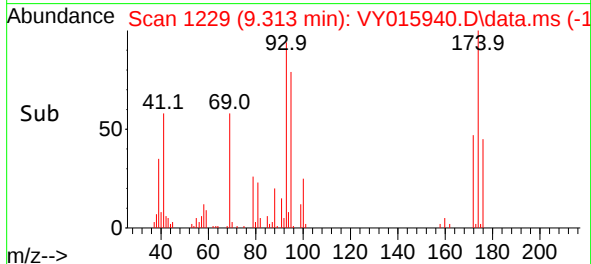
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 88 Resp: 10260
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 36.2 30.9 46.3

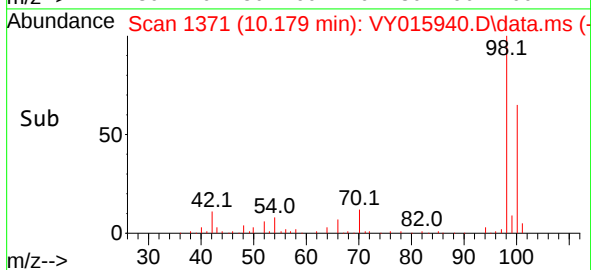
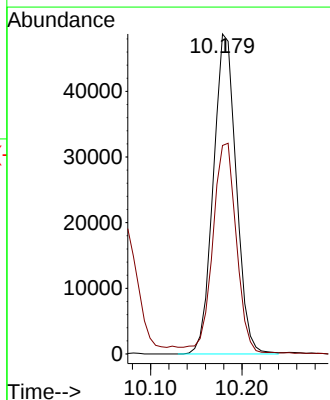
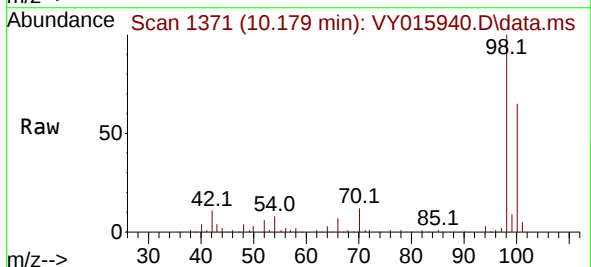
Manual Integrations
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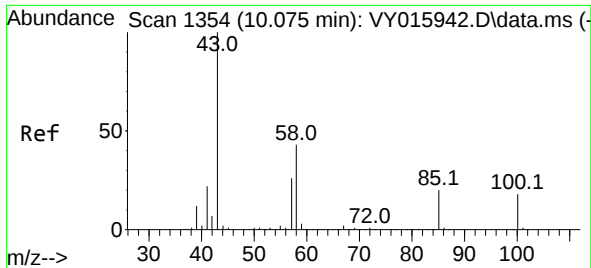
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#50
Toluene-d8
Concen: 10.006 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 98 Resp: 84998
Ion Ratio Lower Upper
98 100
100 68.6 50.1 75.1





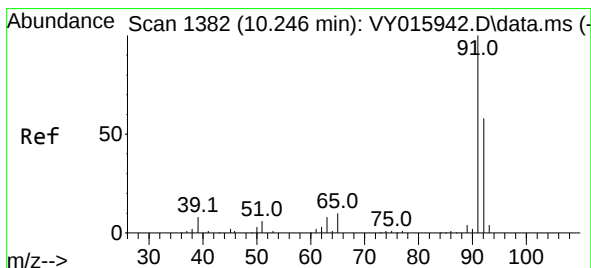
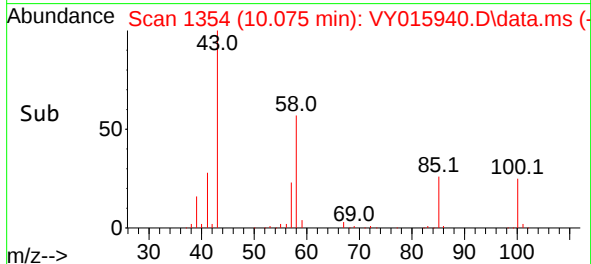
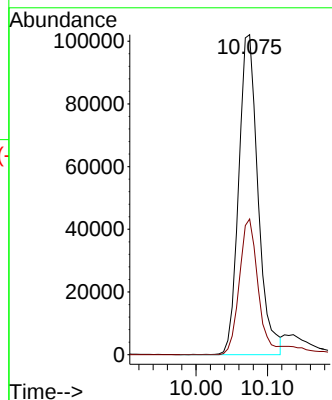
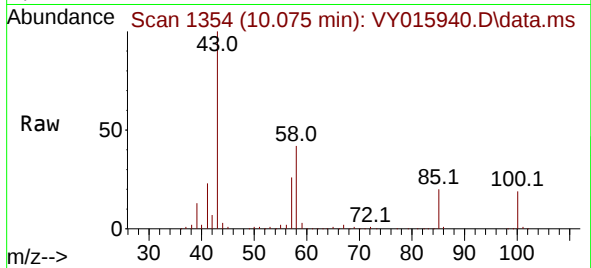
#51
4-Methyl-2-Pentanone
Concen: 45.824 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 19159
Ion Ratio Lower Upper
43 100
58 45.2 29.0 43.6

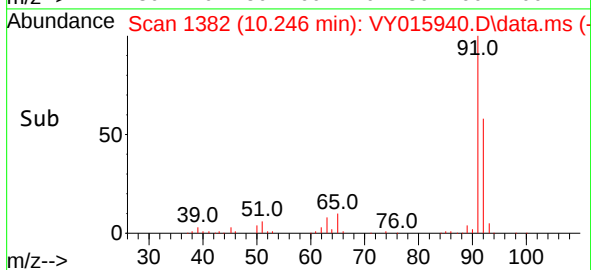
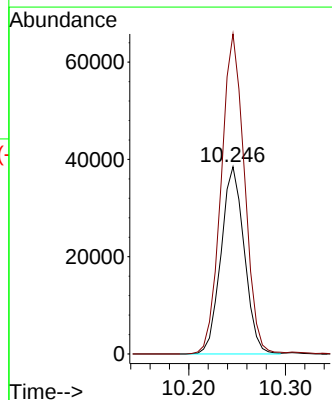
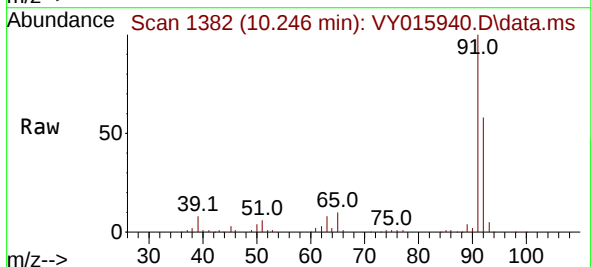
Manual Integrations
APPROVED

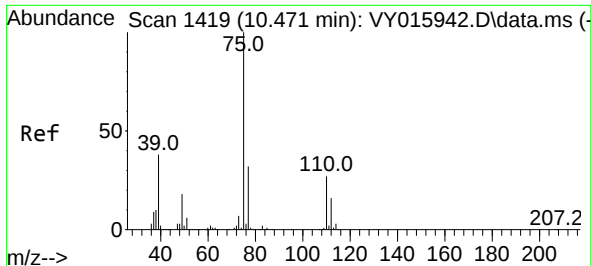
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#52
Toluene
Concen: 10.140 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 92 Resp: 64205
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6





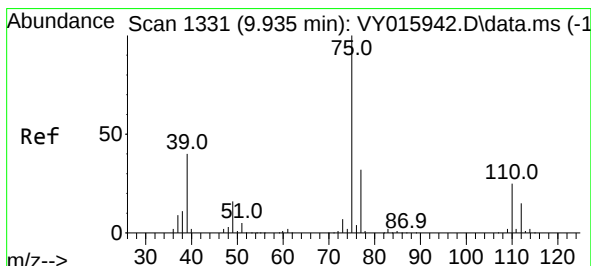
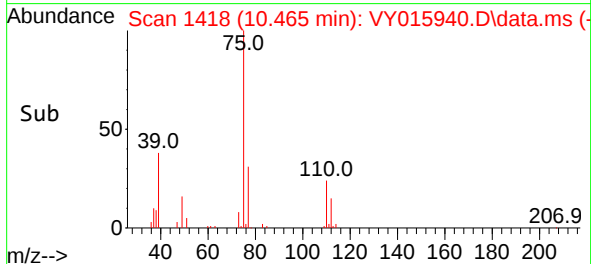
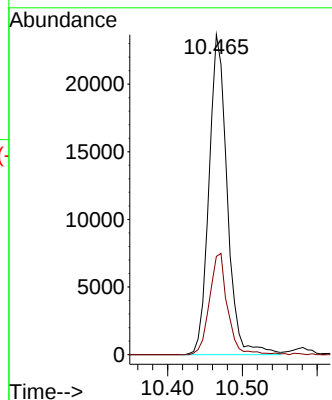
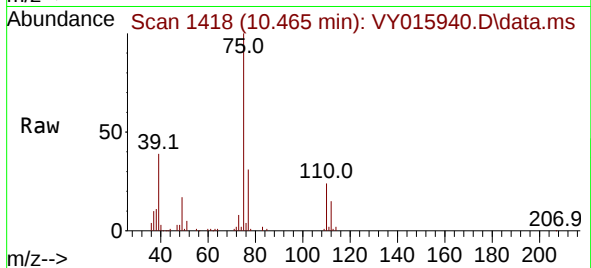
#53
t-1,3-Dichloropropene
Concen: 9.971 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 40099
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4

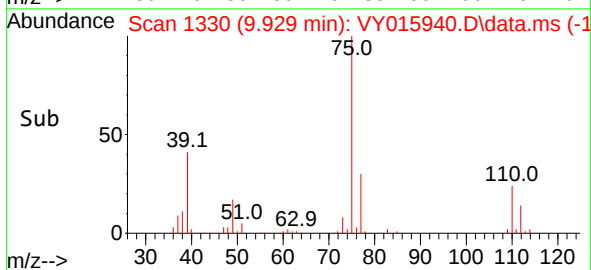
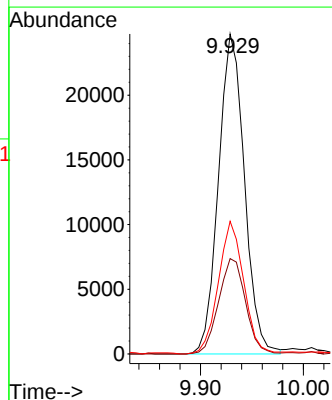
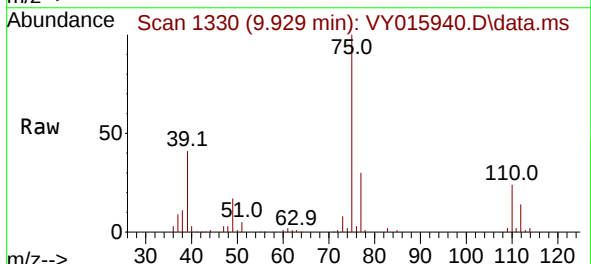
Manual Integrations
APPROVED

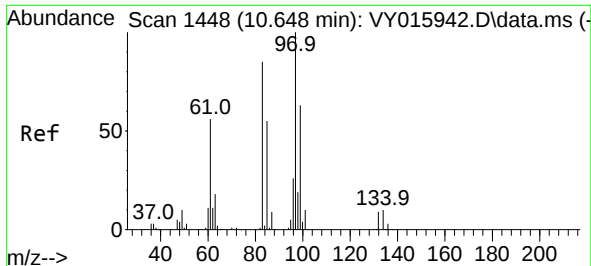
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#54
cis-1,3-Dichloropropene
Concen: 10.038 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

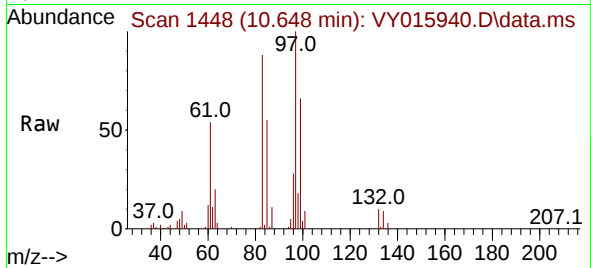
Tgt Ion: 75 Resp: 43394
Ion Ratio Lower Upper
75 100
77 29.8 24.2 36.4
39 41.5 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 10.388 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

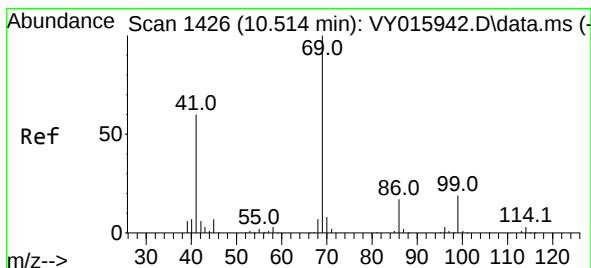
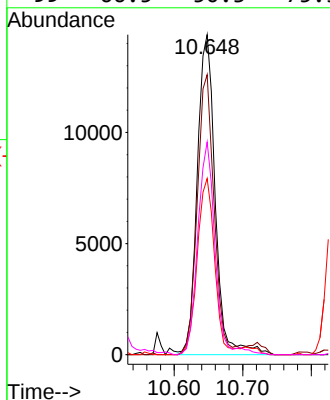
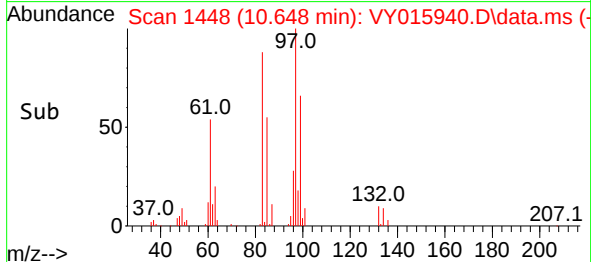
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



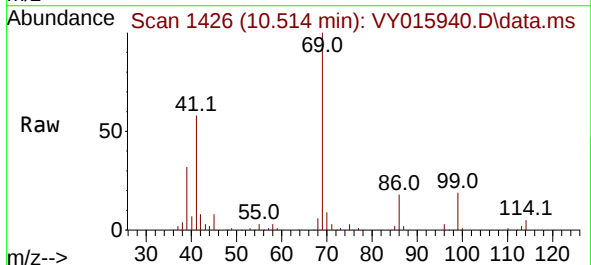
Tgt Ion: 97 Resp: 26269
Ion Ratio Lower Upper
97 100
83 87.5 72.0 108.0
85 55.0 45.4 68.0
99 66.5 50.3 75.5

Manual Integrations
APPROVED

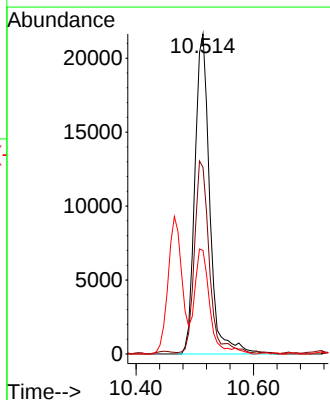
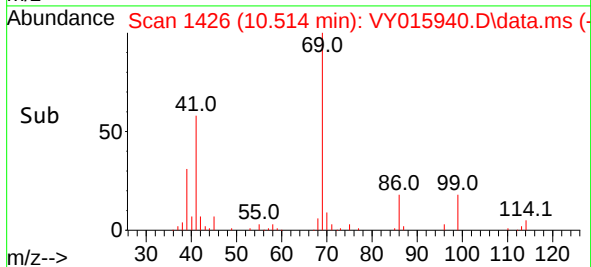
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

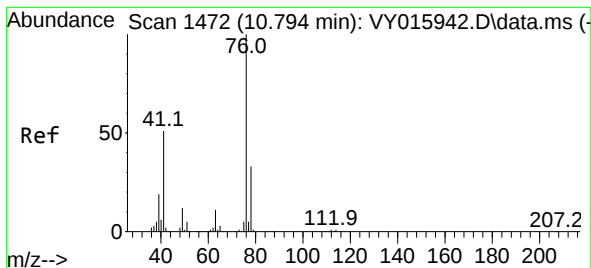


#56
Ethyl methacrylate
Concen: 9.634 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56



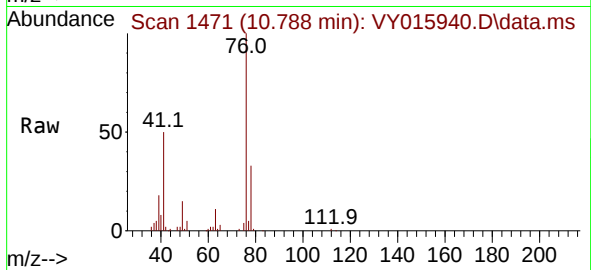
Tgt Ion: 69 Resp: 38139
Ion Ratio Lower Upper
69 100
41 58.8 57.6 86.4
39 33.4 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 10.233 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

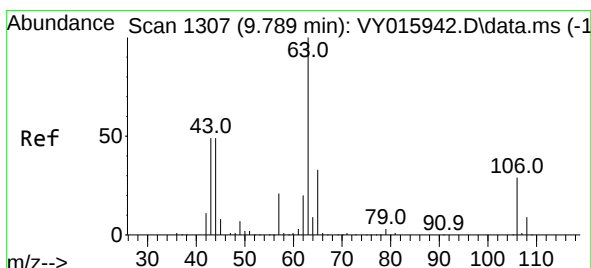
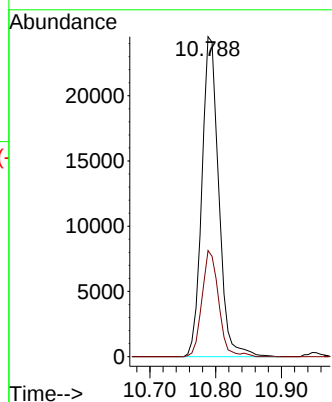
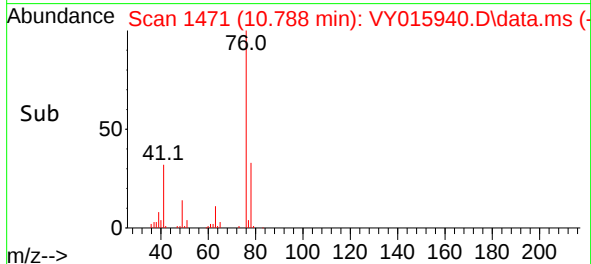
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 4390
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9

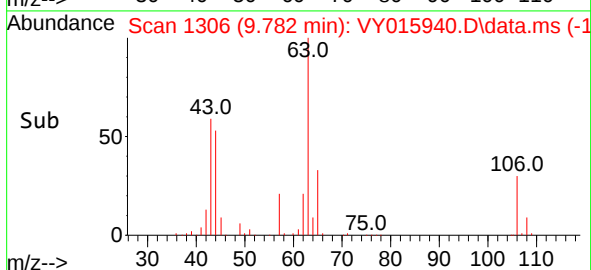
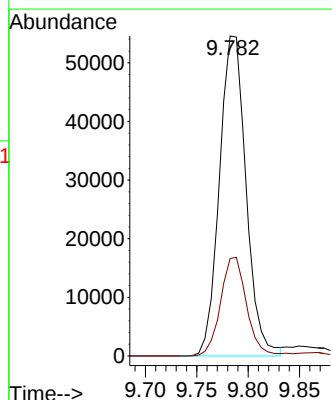
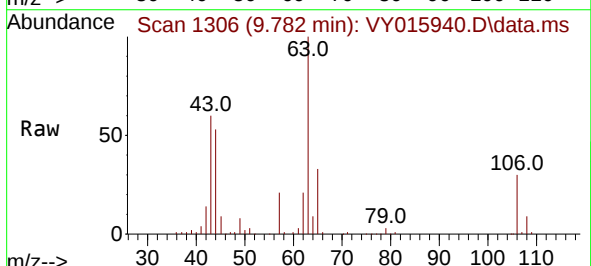
Manual Integrations
APPROVED

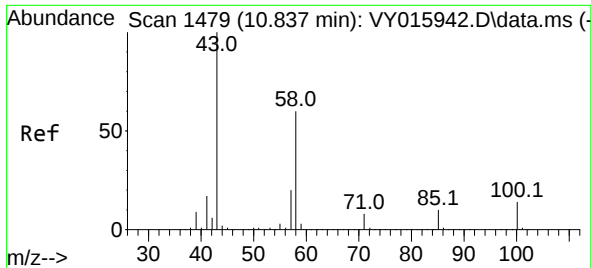
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 56.641 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

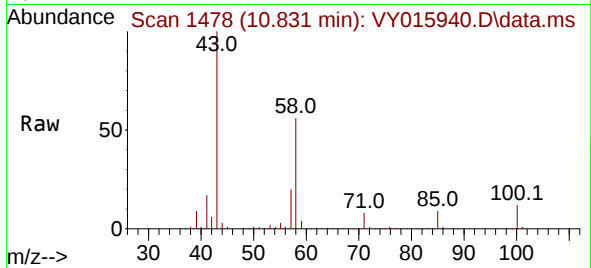
Tgt Ion: 63 Resp: 98399
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8





#59
2-Hexanone
Concen: 47.832 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

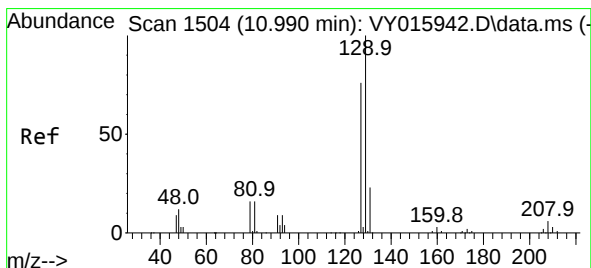
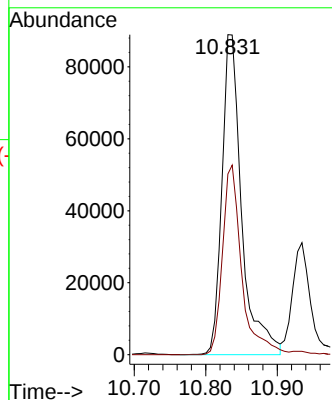
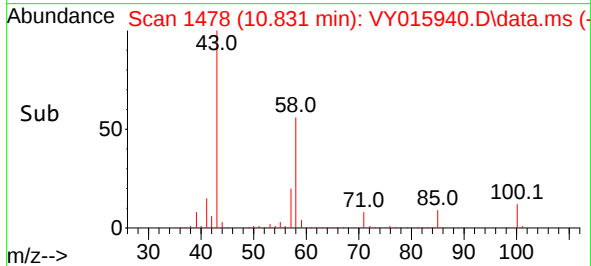
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 170715
Ion Ratio Lower Upper
43 100
58 57.6 25.1 75.3

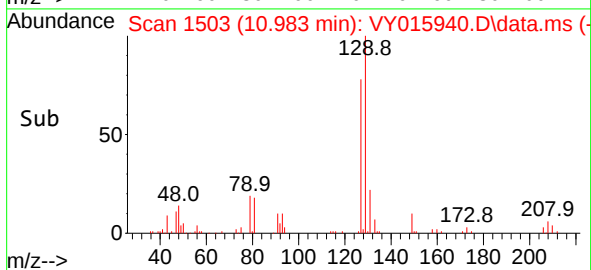
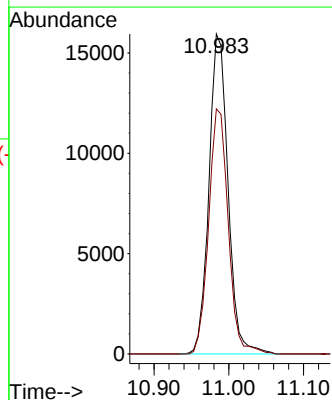
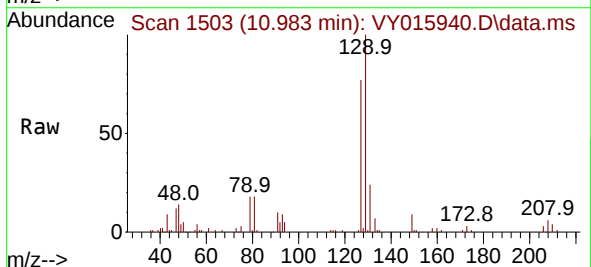
Manual Integrations
APPROVED

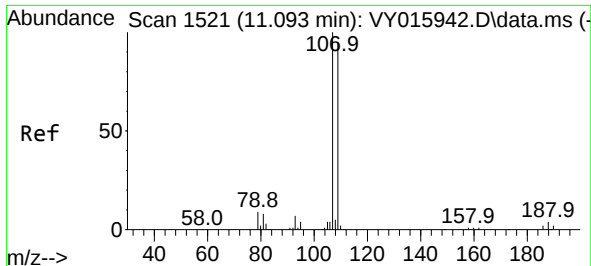
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#60
Dibromochloromethane
Concen: 9.824 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

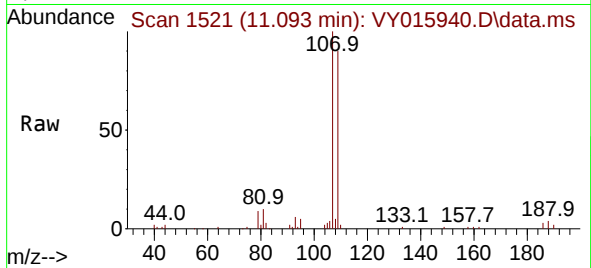
Tgt Ion:129 Resp: 28252
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 9.994 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

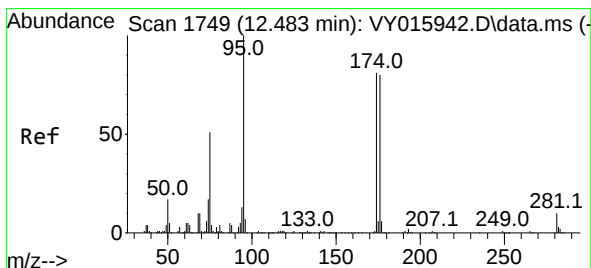
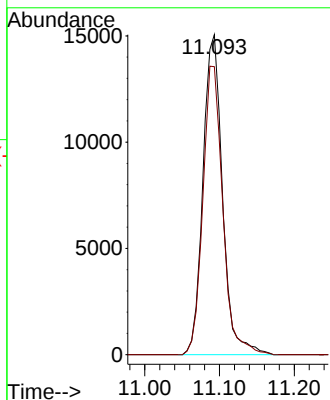
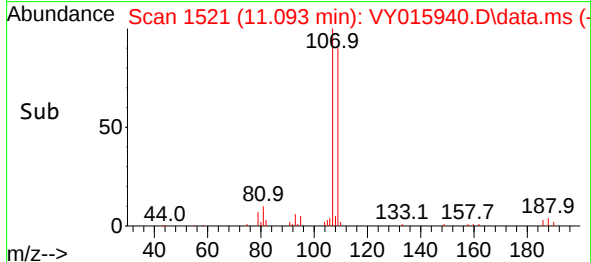
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



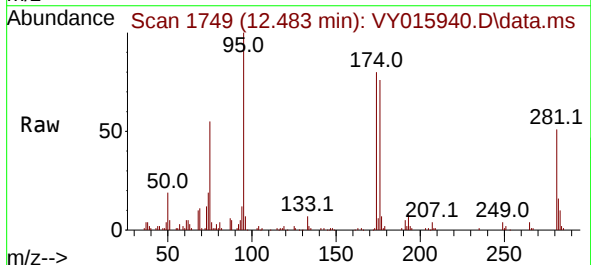
Tgt Ion:107 Resp: 27348
Ion Ratio Lower Upper
107 100
109 91.9 75.6 113.4

Manual Integrations
APPROVED

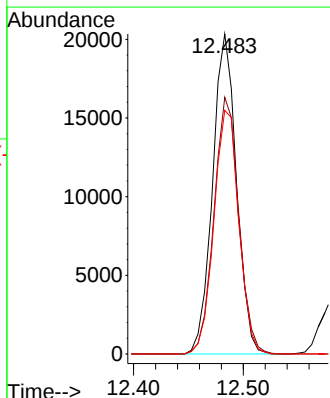
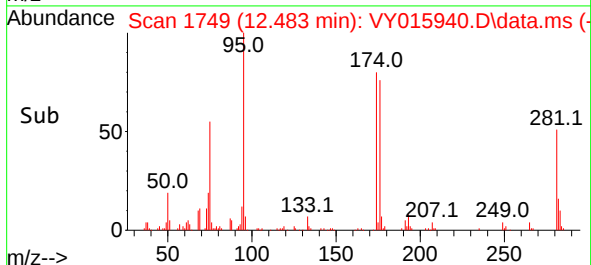
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

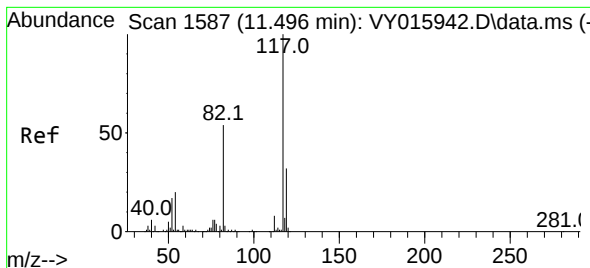


#62
4-Bromofluorobenzene
Concen: 10.180 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56



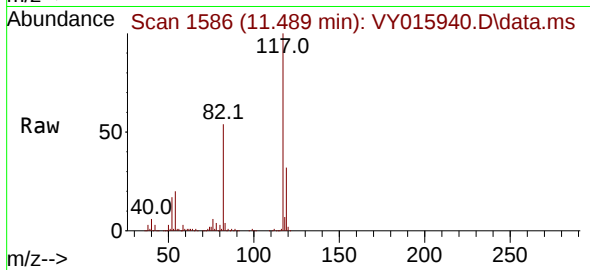
Tgt Ion: 95 Resp: 30792
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 79.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11486
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

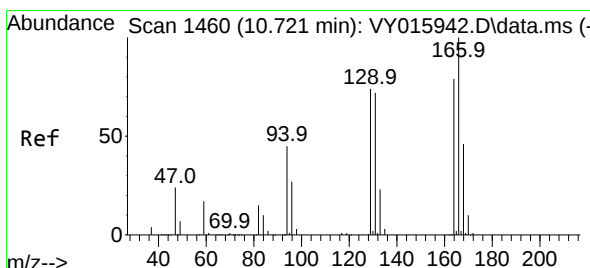
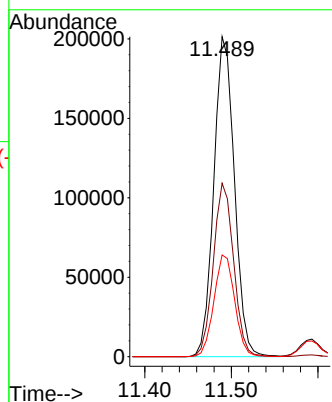
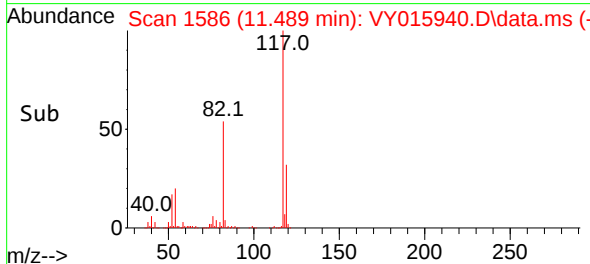
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 33296
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.8 26.3 39.5

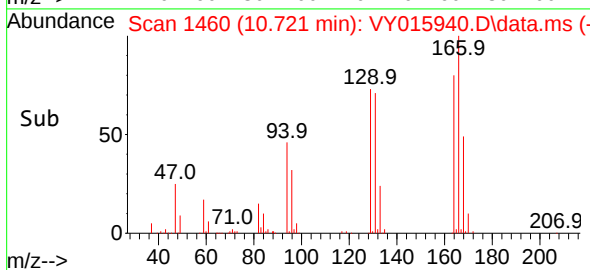
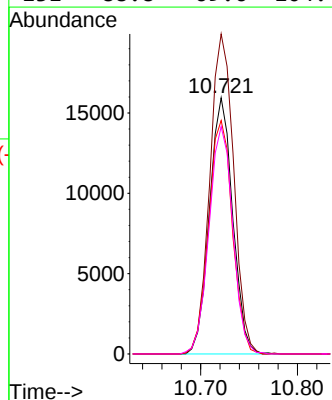
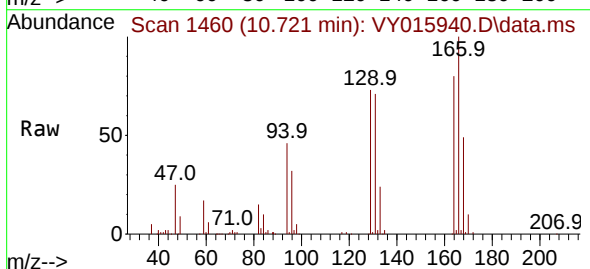
Manual Integrations
APPROVED

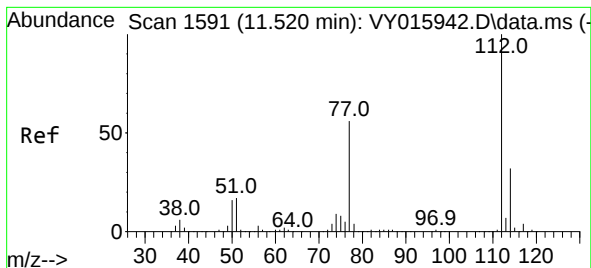
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#64
Tetrachloroethene
Concen: 9.195 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion:164 Resp: 26688
Ion Ratio Lower Upper
164 100
166 124.9 103.0 154.6
129 91.1 77.2 115.8
131 88.8 69.6 104.4





#65

Chlorobenzene

Concen: 10.096 ug/l

RT: 11.520 min Scan# 11591

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:112 Resp: 70430

Ion Ratio Lower Upper

112 100

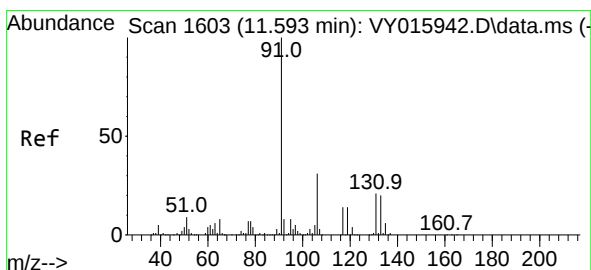
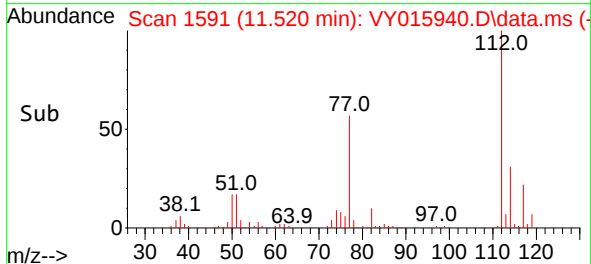
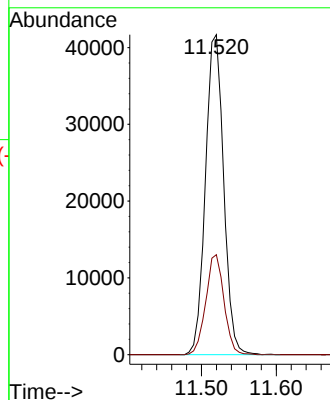
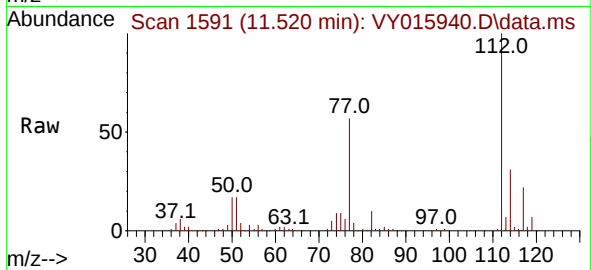
114 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 9.824 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

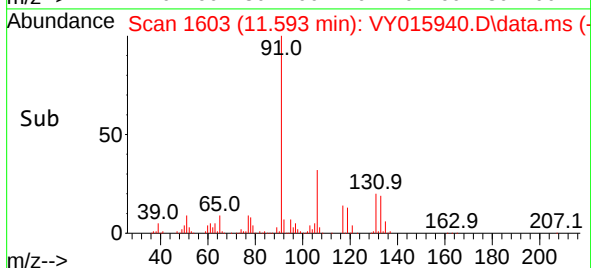
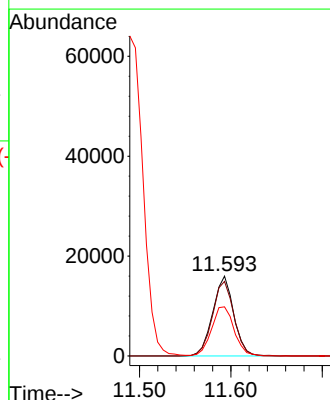
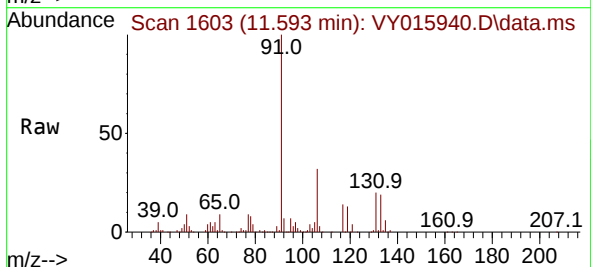
Tgt Ion:131 Resp: 25370

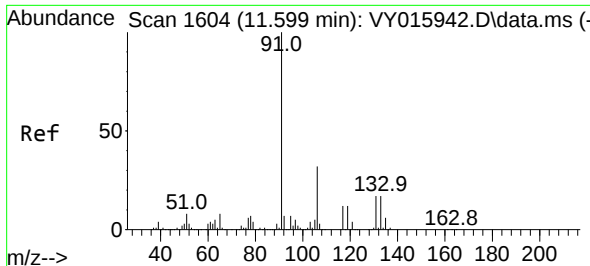
Ion Ratio Lower Upper

131 100

133 96.5 47.5 142.6

119 66.4 31.6 94.7





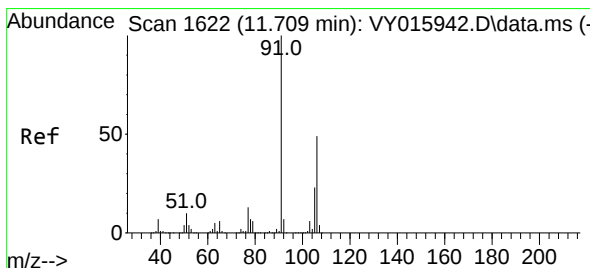
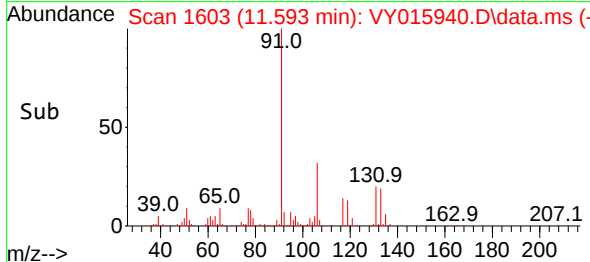
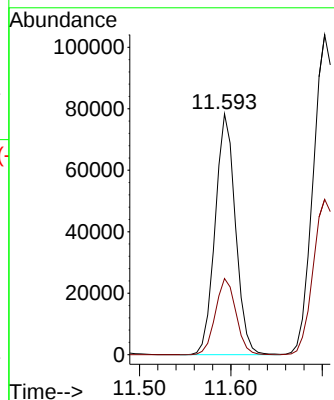
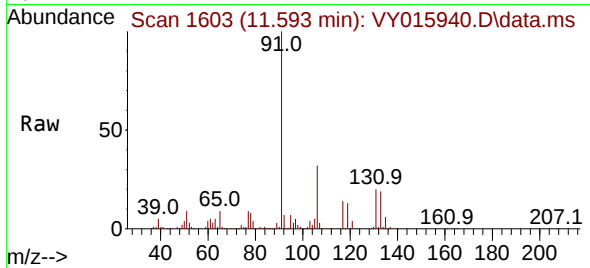
#67
Ethyl Benzene
Concen: 9.913 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 120929
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

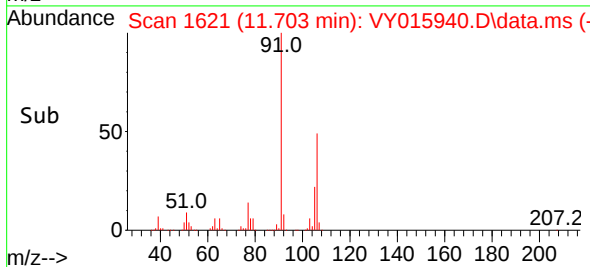
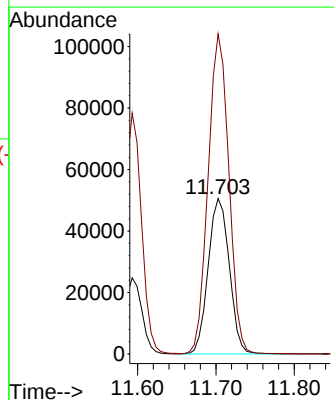
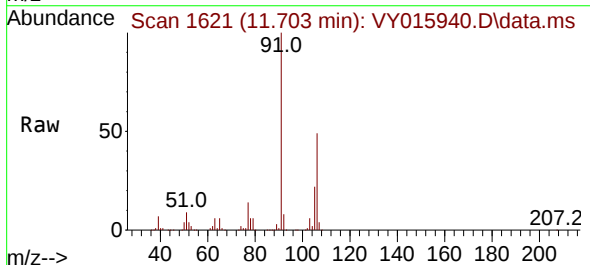
Manual Integrations
APPROVED

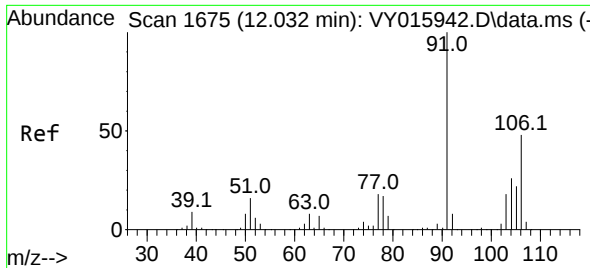
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#68
m/p-Xylenes
Concen: 20.111 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion:106 Resp: 94677
Ion Ratio Lower Upper
106 100
91 201.9 166.1 249.1





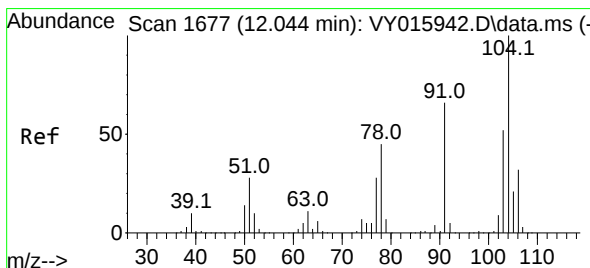
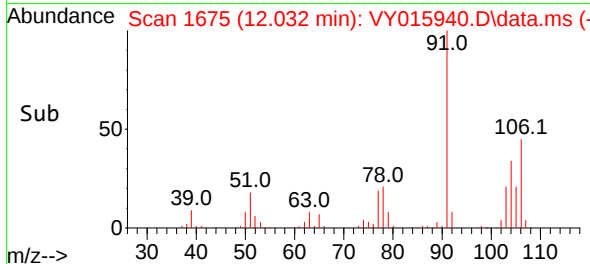
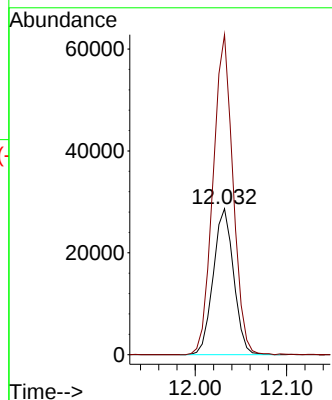
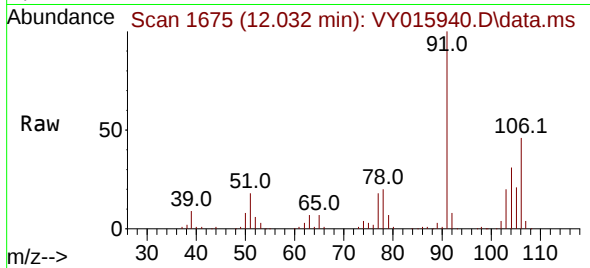
#69
o-Xylene
Concen: 9.874 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 4444
Ion Ratio Lower Upper
106 100
91 214.5 108.1 324.3

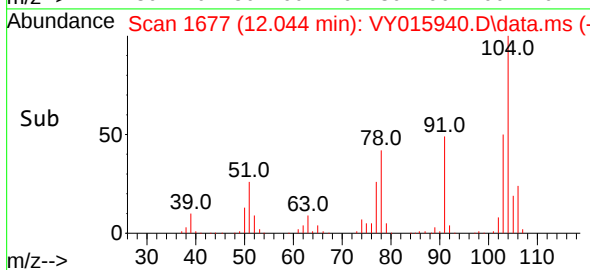
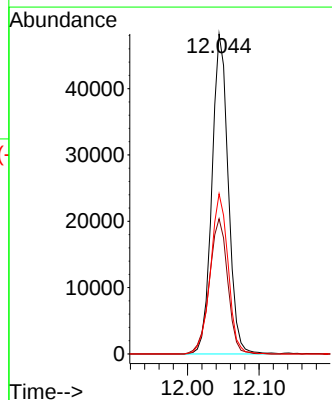
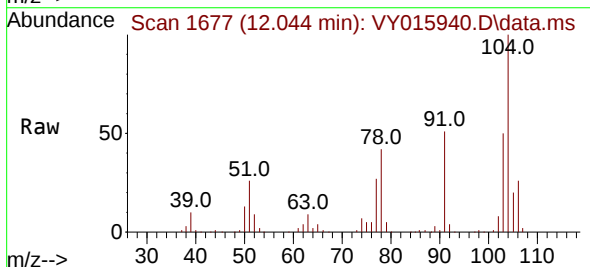
Manual Integrations
APPROVED

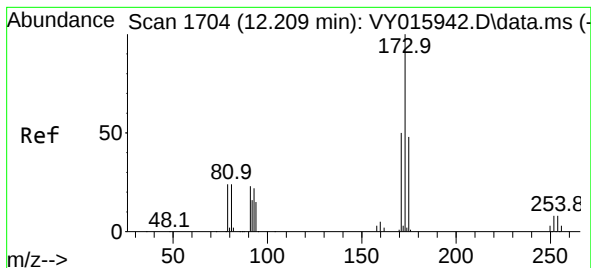
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#70
Styrene
Concen: 9.996 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion:104 Resp: 76565
Ion Ratio Lower Upper
104 100
78 47.4 41.5 62.3
103 53.8 44.6 67.0





#71

Bromoform

Concen: 9.882 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

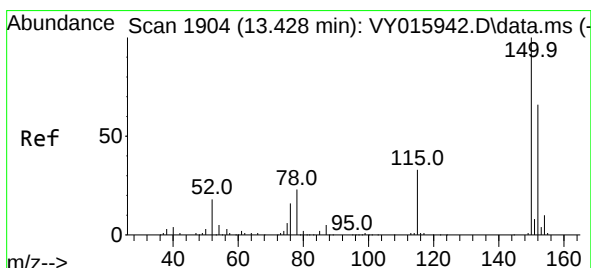
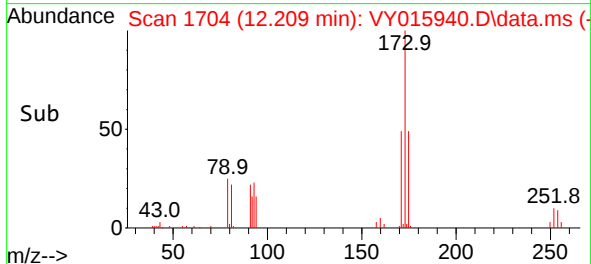
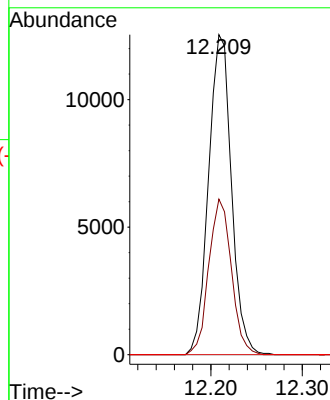
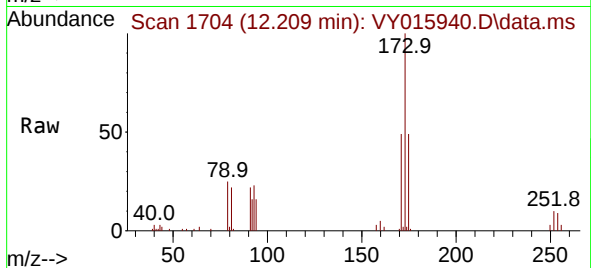
VSTDICC010

Tgt Ion:	173	Resp:	2173
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

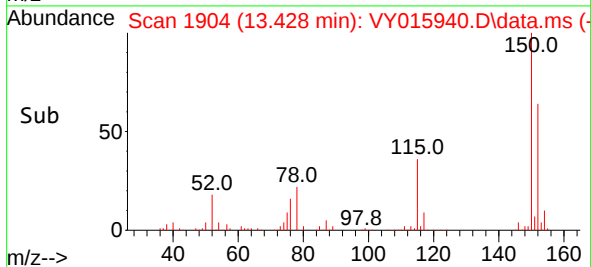
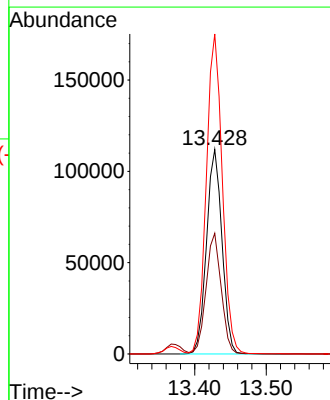
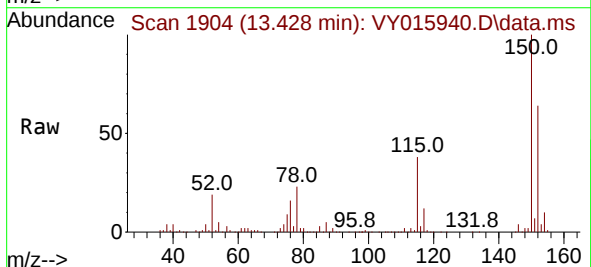
RT: 13.428 min Scan# 1904

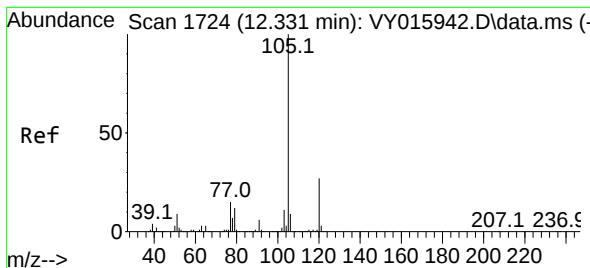
Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Tgt Ion:	152	Resp:	168213
Ion Ratio	Lower	Upper	
152	100		
115	57.9	28.8	86.5
150	161.3	0.0	348.8





#73

Isopropylbenzene

Concen: 10.007 ug/l

RT: 12.331 min Scan# 119168

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 119168

Ion Ratio Lower Upper

105 100

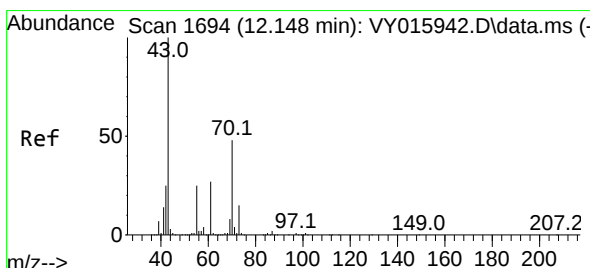
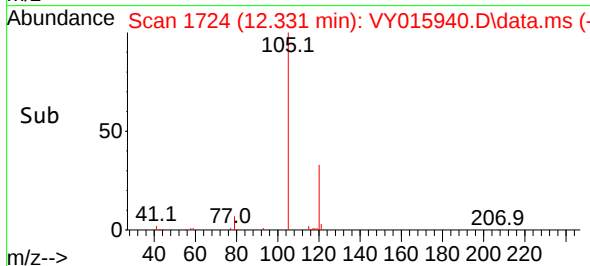
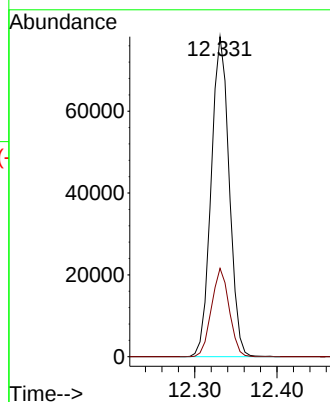
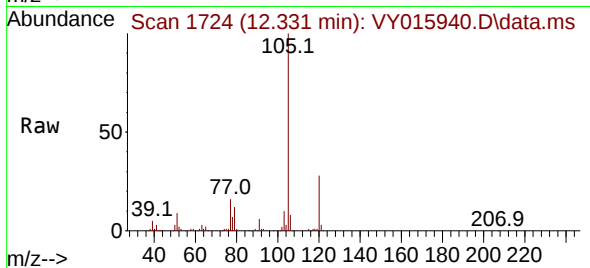
120 27.1 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#74

N-ethyl acetate

Concen: 9.647 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Tgt Ion: 43 Resp: 46407

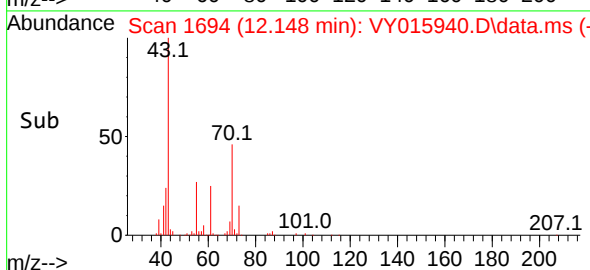
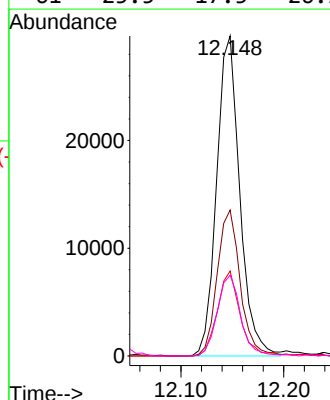
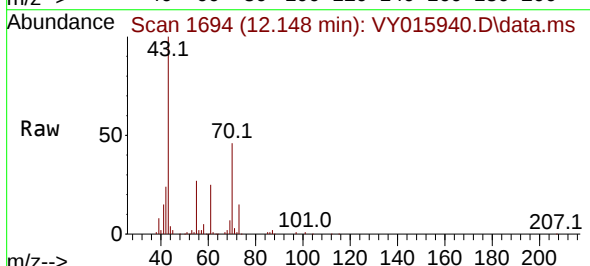
Ion Ratio Lower Upper

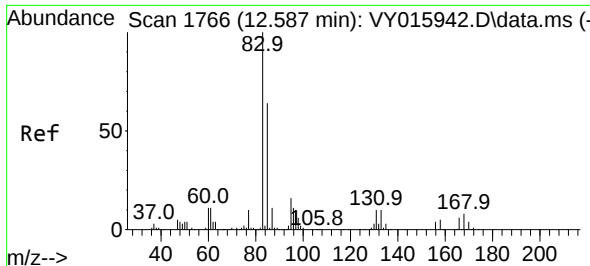
43 100

70 45.5 29.7 44.5#

55 26.1 18.3 27.5

61 25.5 17.5 26.3





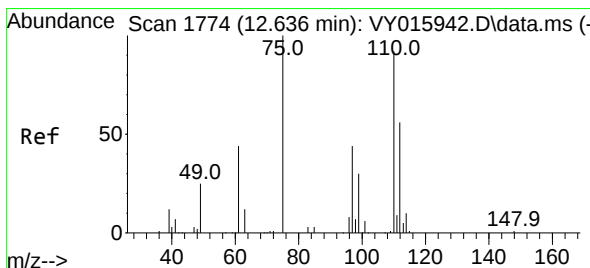
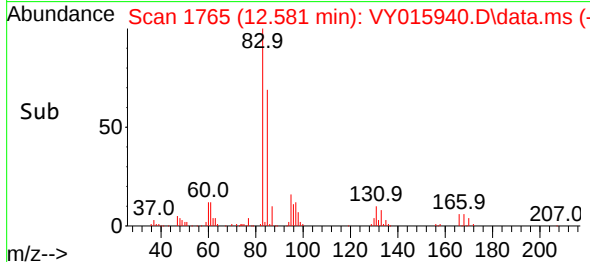
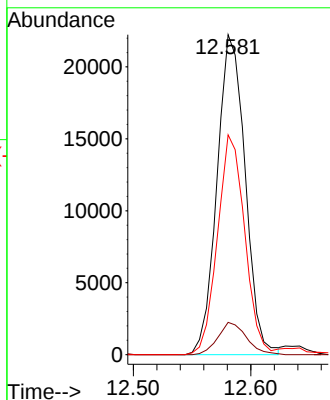
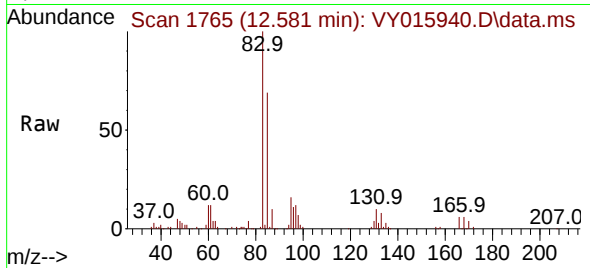
#75
1,1,2,2-Tetrachloroethane
Concen: 10.129 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 37048
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 66.8 31.8 95.4

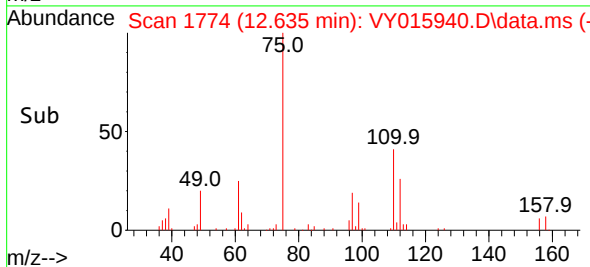
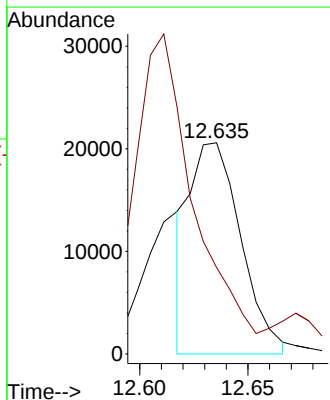
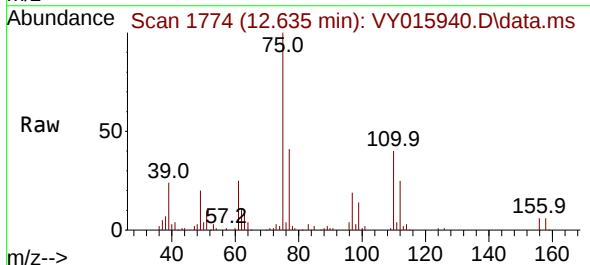
Manual Integrations
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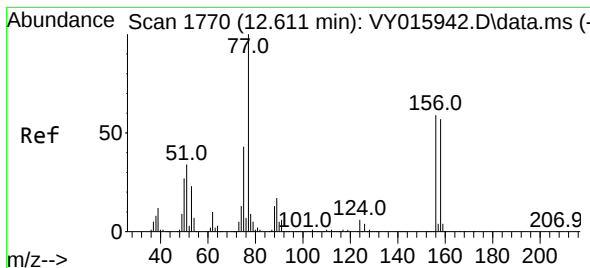
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 10.930 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 75 Resp: 33759
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.925 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

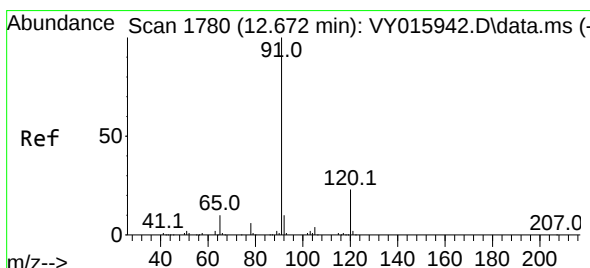
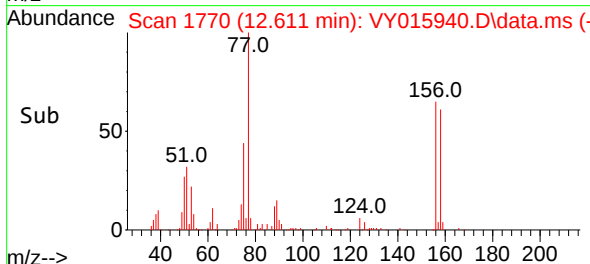
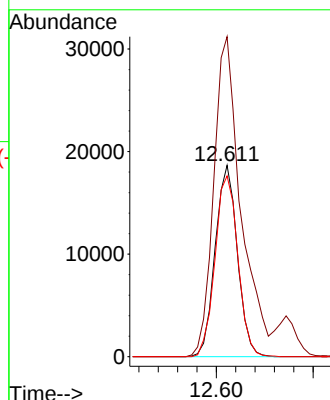
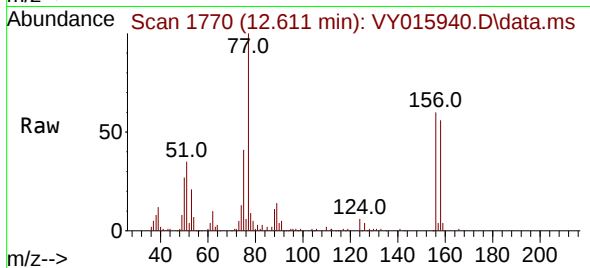
VSTDIC010

Tgt Ion:	156	Resp:	29669
Ion Ratio	Lower	Upper	
156	100		
77	203.9	92.8	278.6
158	97.4	48.4	145.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#78

n-propylbenzene

Concen: 10.192 ug/l

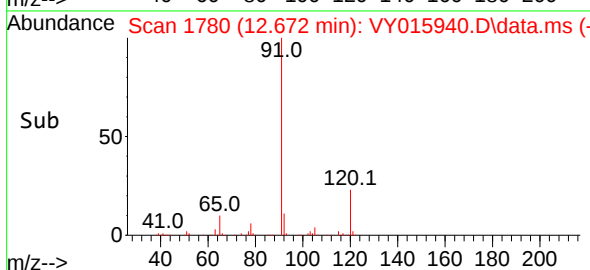
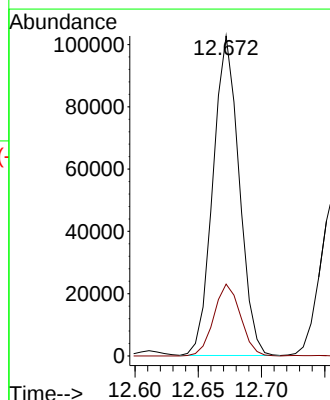
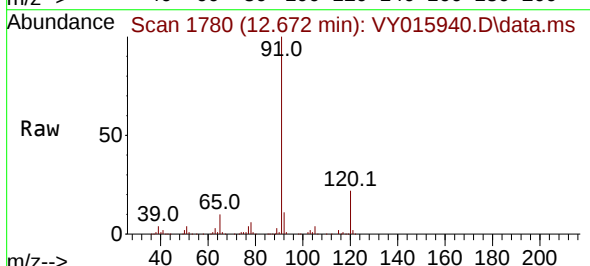
RT: 12.672 min Scan# 1780

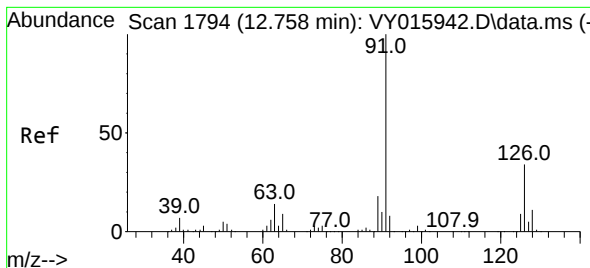
Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Tgt Ion:	91	Resp:	147592
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 10.052 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 8233

Ion Ratio Lower Upper

91 100

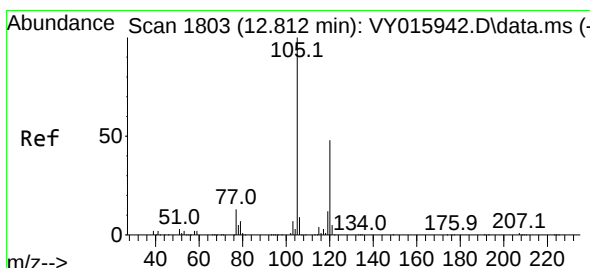
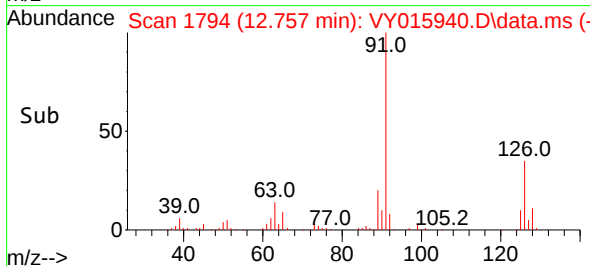
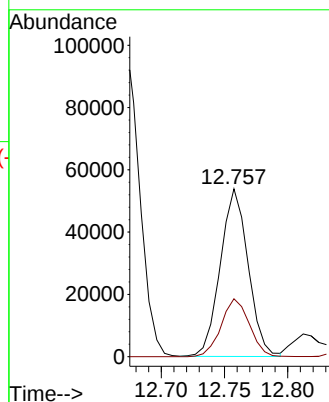
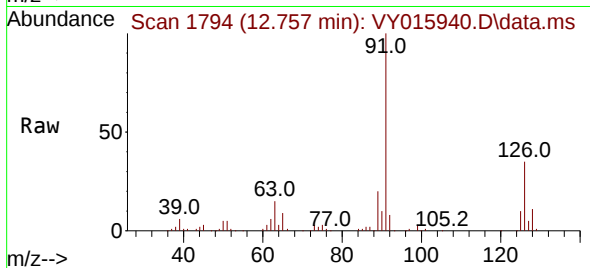
126 35.0 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#80

1,3,5-Trimethylbenzene

Concen: 9.952 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY015940.D

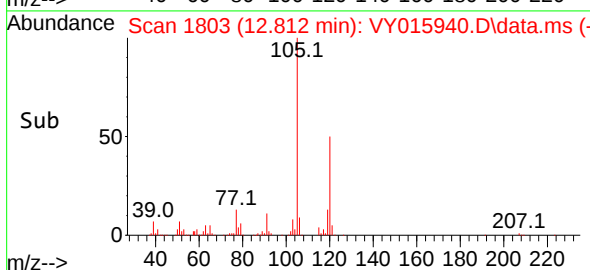
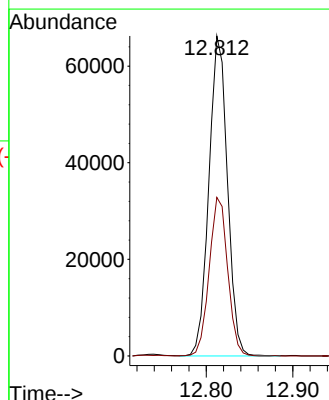
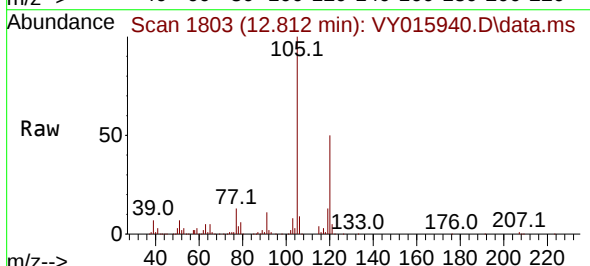
Acq: 12 Oct 2023 17:56

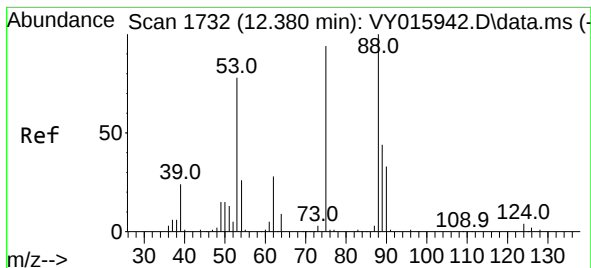
Tgt Ion:105 Resp: 98457

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7





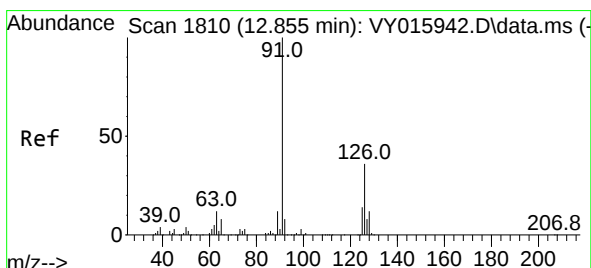
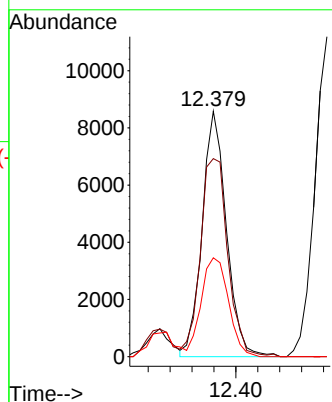
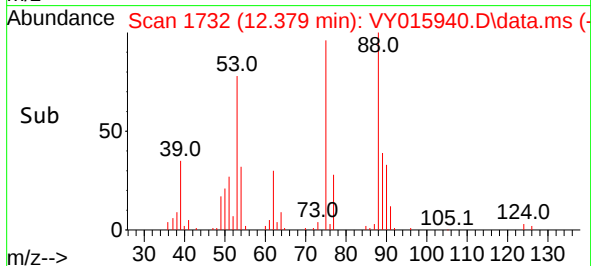
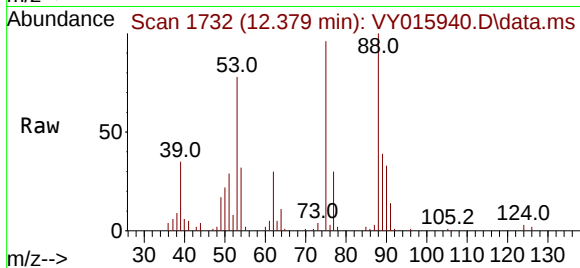
#81
trans-1,4-Dichloro-2-butene
Concen: 9.458 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 13217
Ion Ratio Lower Upper
75 100
53 91.1 77.8 116.8
89 45.0 37.4 56.0

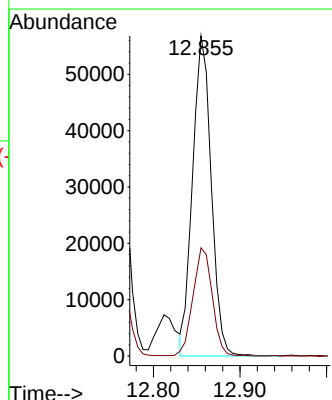
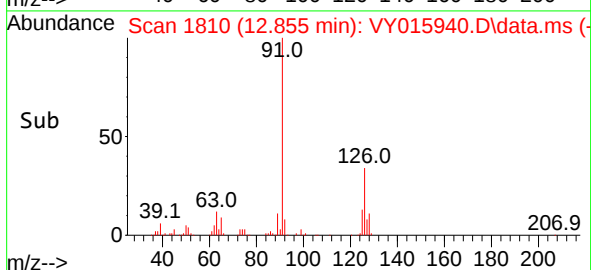
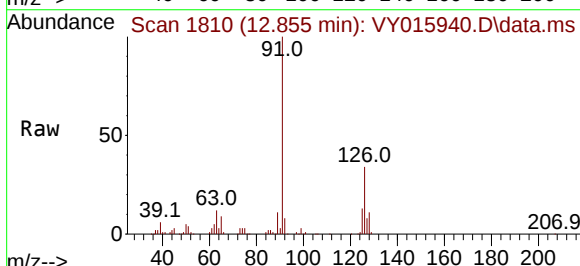
Manual Integrations
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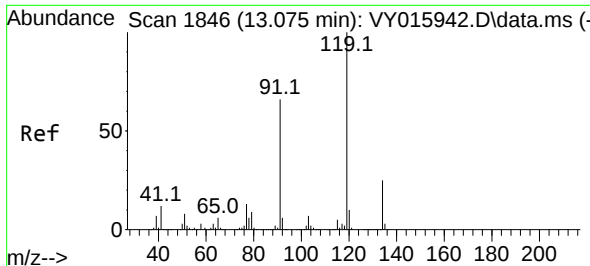
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#82
4-Chlorotoluene
Concen: 10.124 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

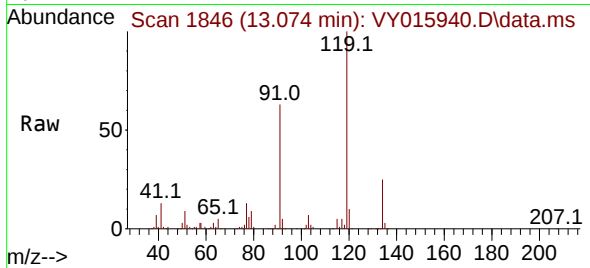
Tgt Ion: 91 Resp: 85217
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 10.242 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

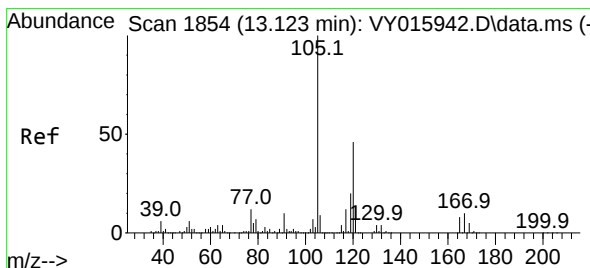
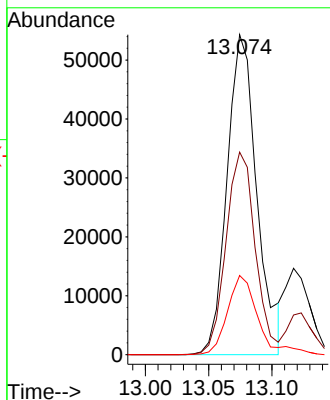
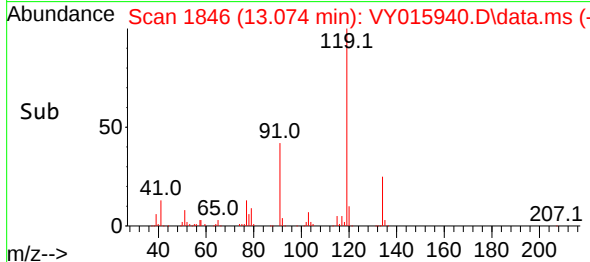
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



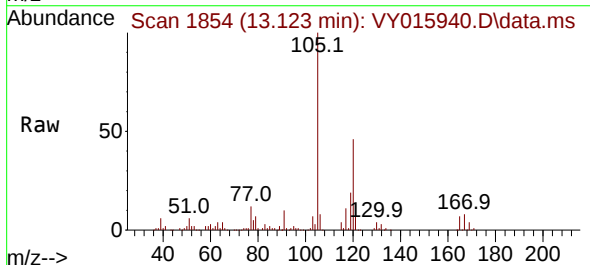
Tgt Ion:119 Resp: 89038
Ion Ratio Lower Upper
119 100
91 62.4 32.9 98.6
134 25.3 13.0 38.9

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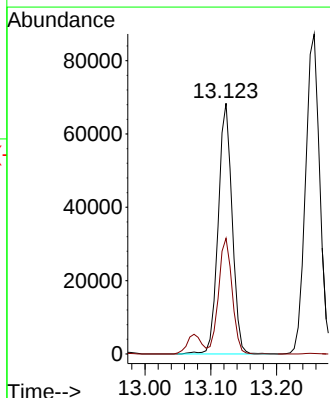
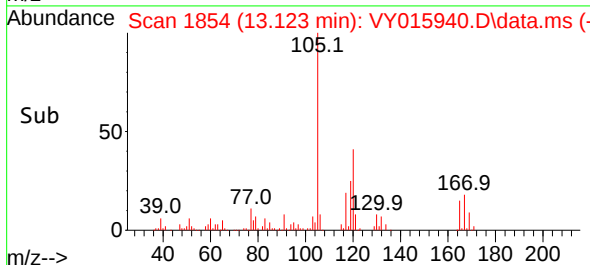
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

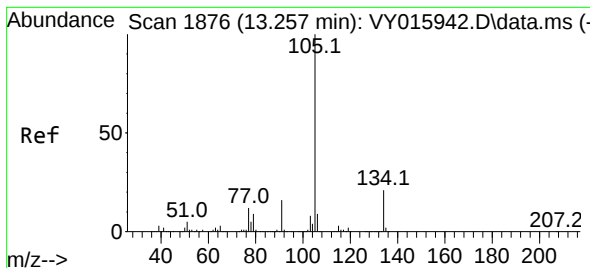


#84
1,2,4-Trimethylbenzene
Concen: 10.112 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56



Tgt Ion:105 Resp: 100416
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 10.122 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:105 Resp: 13059

Ion Ratio Lower Upper

105 100

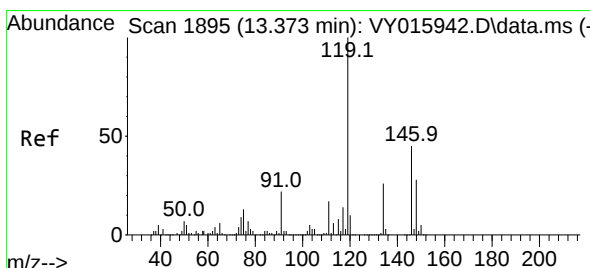
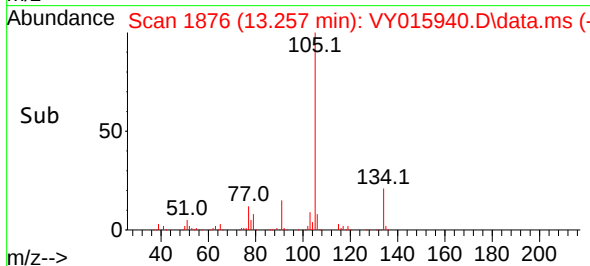
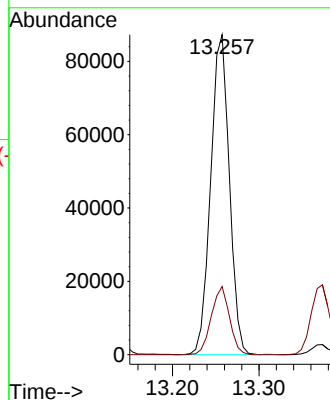
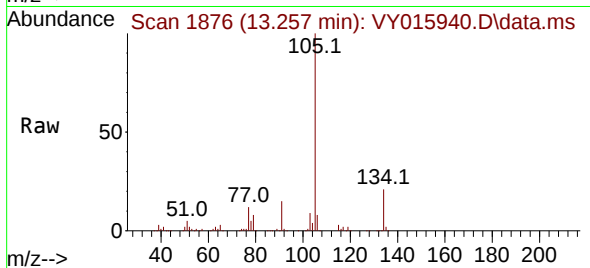
134 20.7 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#86

p-Isopropyltoluene

Concen: 10.063 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

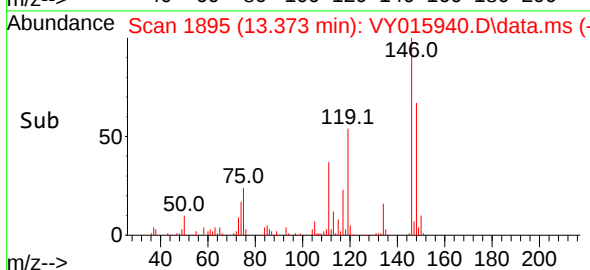
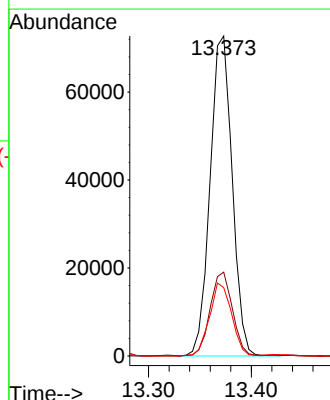
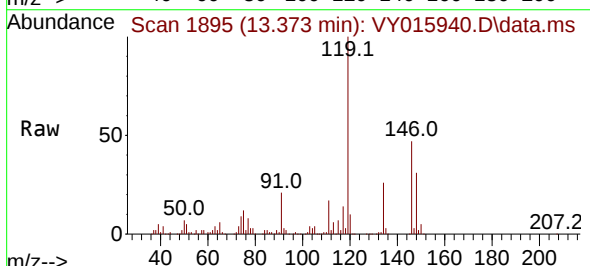
Tgt Ion:119 Resp: 108488

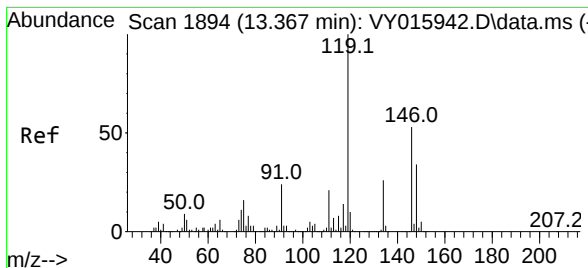
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 10.121 ug/l

RT: 13.367 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

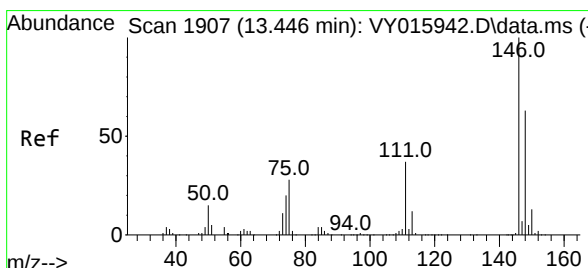
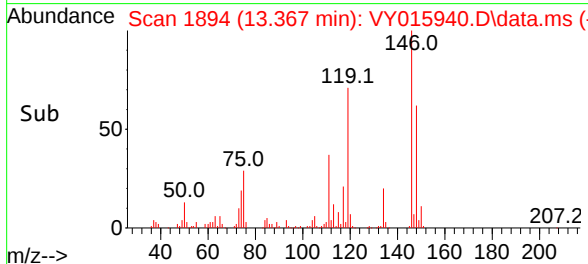
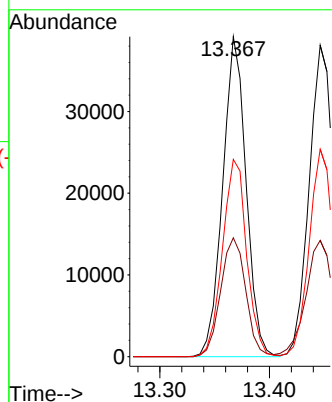
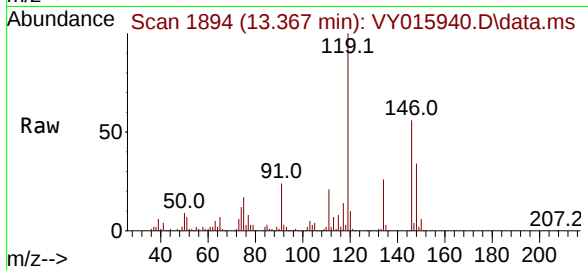
VSTDIC010

Tgt Ion:146	Resp:	58104
Ion Ratio	Lower	Upper
146	100	
111	39.7	19.4 58.2
148	63.8	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#88

1,4-Dichlorobenzene

Concen: 10.218 ug/l

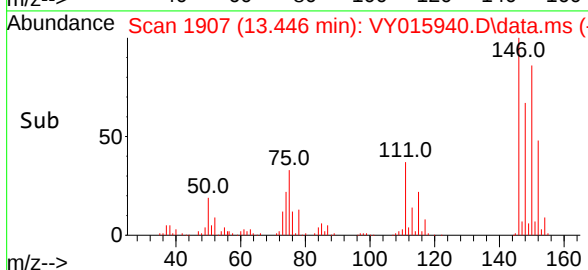
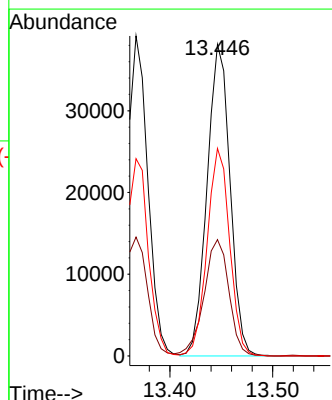
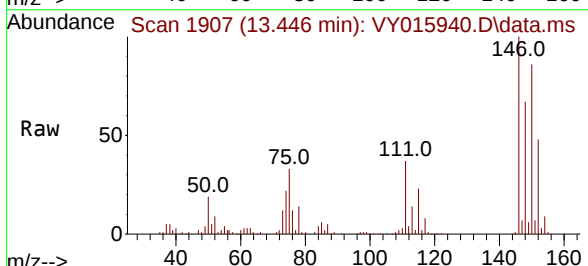
RT: 13.446 min Scan# 1907

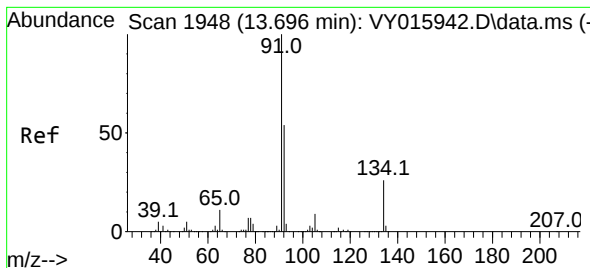
Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Tgt Ion:146	Resp:	59236
Ion Ratio	Lower	Upper
146	100	
111	40.6	18.9 56.7
148	65.3	32.1 96.5





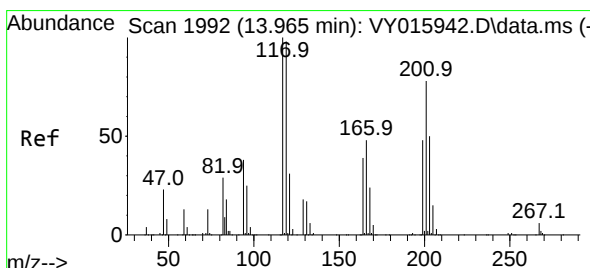
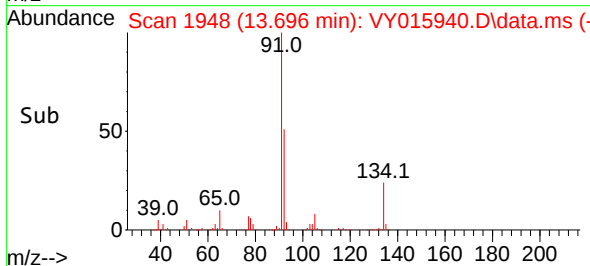
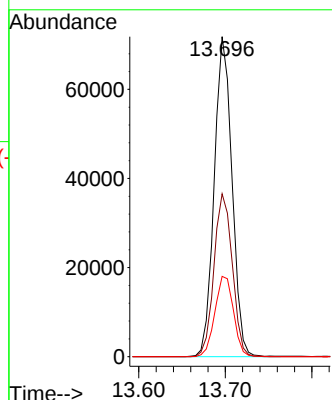
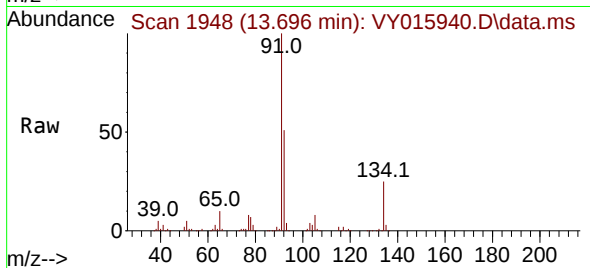
#89
n-Butylbenzene
Concen: 10.120 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 102597
Ion Ratio Lower Upper
91 100
92 52.3 25.4 76.0
134 26.3 12.6 37.6

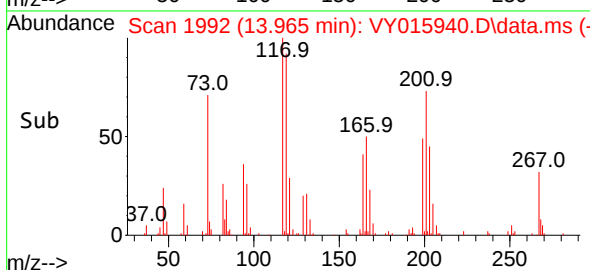
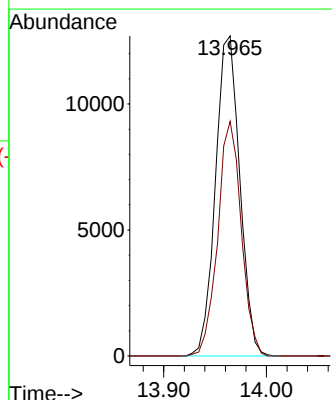
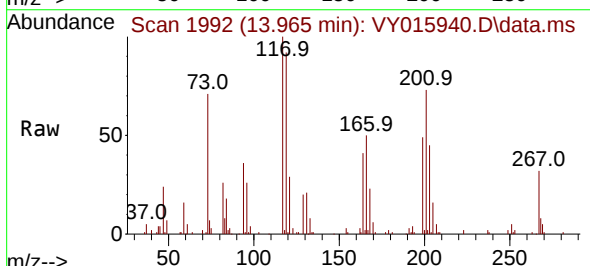
Manual Integrations
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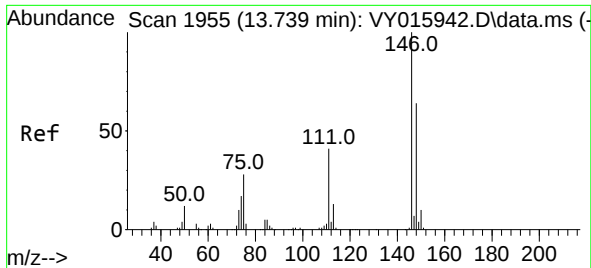
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#90
Hexachloroethane
Concen: 10.098 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion:117 Resp: 20866
Ion Ratio Lower Upper
117 100
201 70.8 41.6 124.8





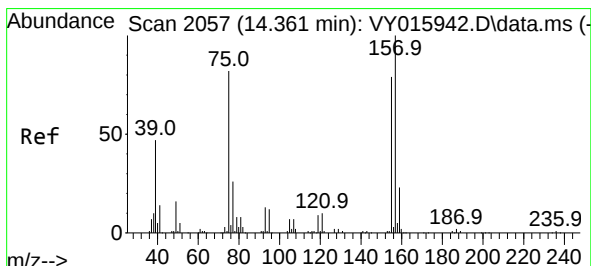
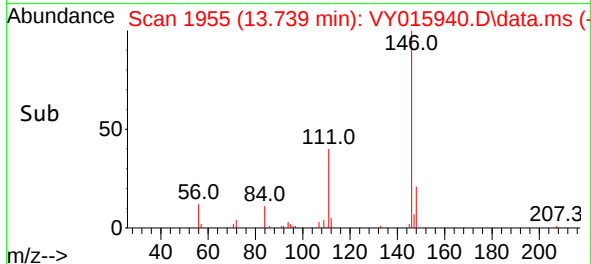
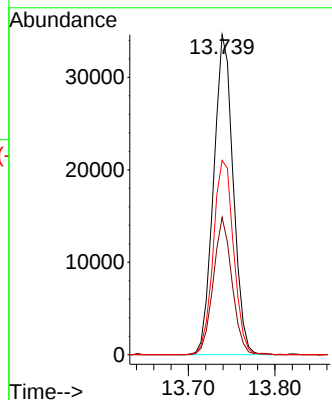
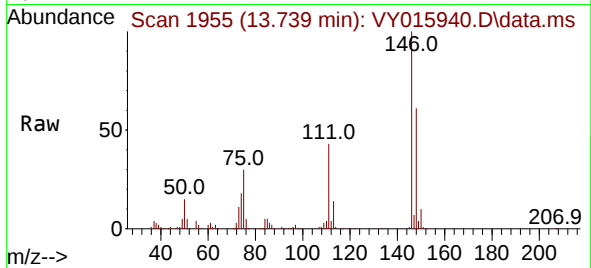
#91
1,2-Dichlorobenzene
Concen: 10.075 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 54269
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 63.2 32.0 96.2

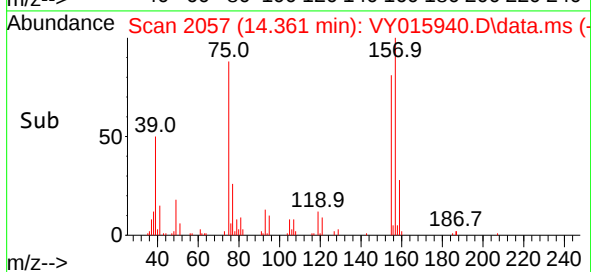
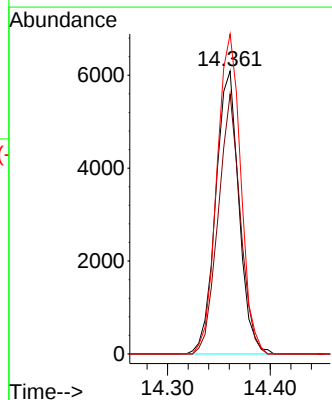
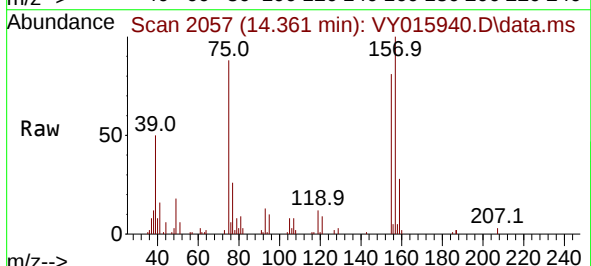
Manual Integrations
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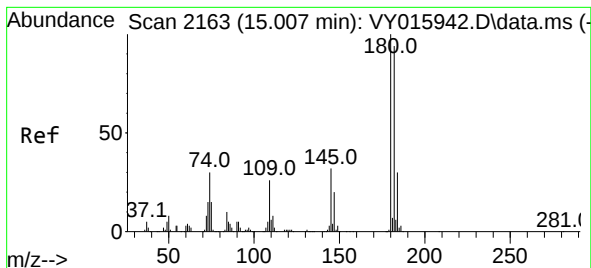
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.139 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion: 75 Resp: 9562
Ion Ratio Lower Upper
75 100
155 87.0 41.5 124.6
157 115.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 9.673 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

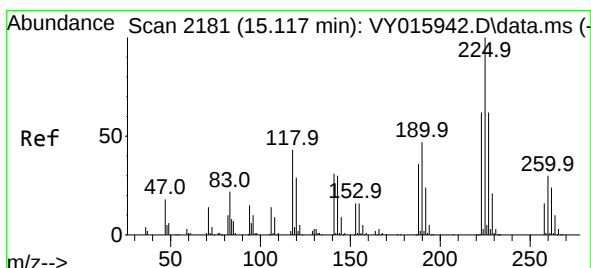
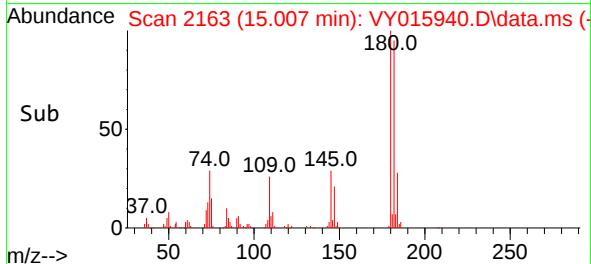
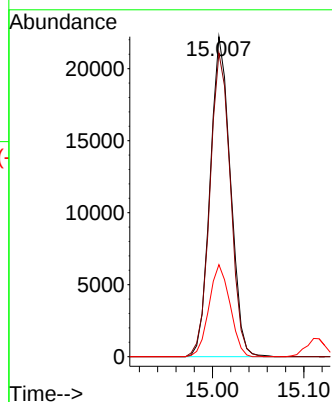
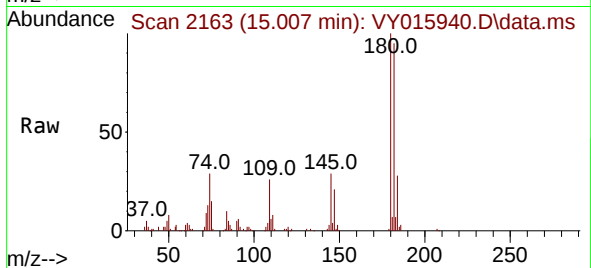
VSTDIC010

Tgt Ion:180	Resp:	3424
Ion Ratio	Lower	Upper
180	100	
182	95.8	47.0 141.2
145	29.7	14.5 43.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#94

Hexachlorobutadiene

Concen: 9.938 ug/l

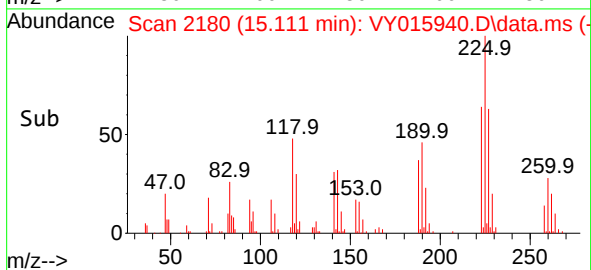
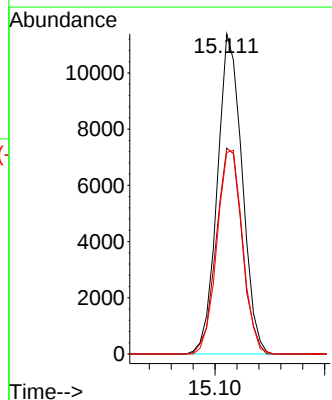
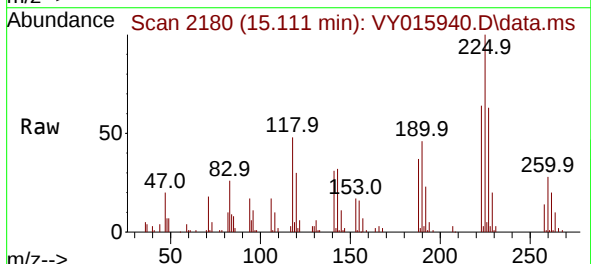
RT: 15.111 min Scan# 2180

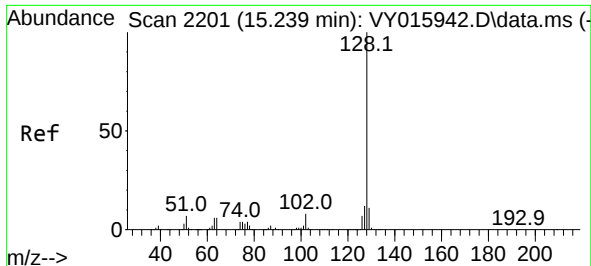
Delta R.T. -0.006 min

Lab File: VY015940.D

Acq: 12 Oct 2023 17:56

Tgt Ion:225	Resp:	17864
Ion Ratio	Lower	Upper
225	100	
223	67.0	31.9 95.9
227	65.6	33.0 98.9





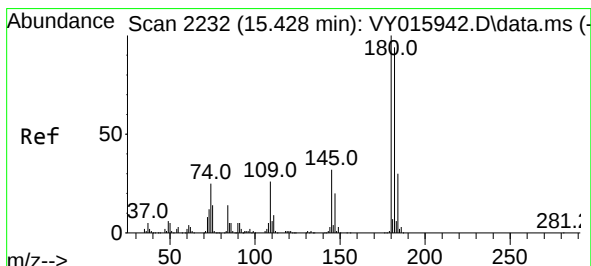
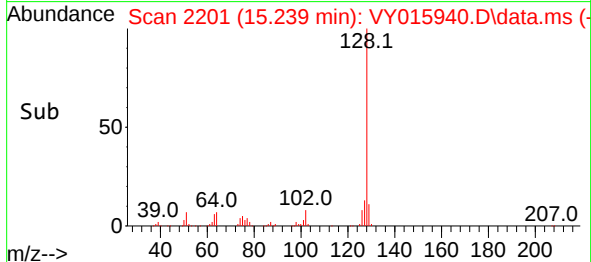
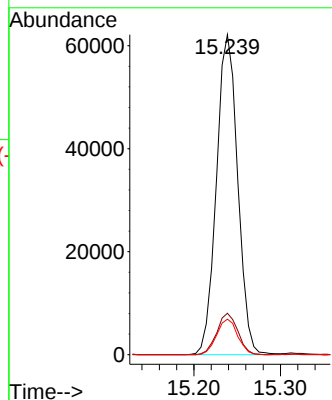
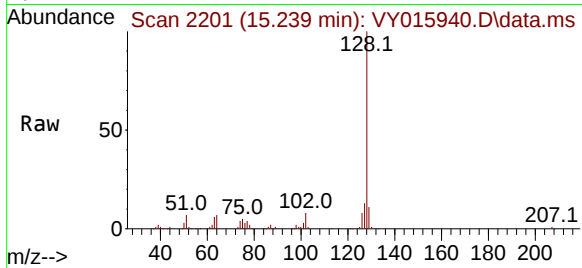
#95
Naphthalene
Concen: 9.241 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 10613
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.759 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY015940.D
Acq: 12 Oct 2023 17:56

Tgt Ion:180 Resp: 33125
Ion Ratio Lower Upper
180 100
182 92.7 47.3 141.8
145 32.8 15.4 46.2

