

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015639.D
 Acq On : 19 Sep 2023 12:26
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 14:03:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 14:01:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	162923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	253209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40793	22.756	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	45.520%#		
35) Dibromofluoromethane	7.716	113	36742	22.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.440%#		
50) Toluene-d8	10.179	98	128766	22.970	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	45.940%#		
62) 4-Bromofluorobenzene	12.483	95	49618	22.554	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	45.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19816	18.452	ug/l	95
3) Chloromethane	2.113	50	26190	19.331	ug/l	98
4) Vinyl Chloride	2.247	62	28981	18.709	ug/l	95
5) Bromomethane	2.637	94	21804	16.594	ug/l	96
6) Chloroethane	2.778	64	22148	19.290	ug/l	95
7) Trichlorofluoromethane	3.119	101	50254	19.344	ug/l	98
8) Diethyl Ether	3.528	74	21842	19.715	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	31683	19.478	ug/l	93
10) Methyl Iodide	4.088	142	29834	17.475	ug/l	99
11) Tert butyl alcohol	4.972	59	52975	122.347	ug/l	100
12) 1,1-Dichloroethene	3.869	96	27476	19.169	ug/l	91
13) Acrolein	3.729	56	25820	94.050	ug/l	99
14) Allyl chloride	4.472	41	50915	19.428	ug/l	94
15) Acrylonitrile	5.167	53	85603	105.330	ug/l	97
16) Acetone	3.954	43	102852	107.213	ug/l	94
17) Carbon Disulfide	4.192	76	49844	17.901	ug/l	97
18) Methyl Acetate	4.485	43	65189	20.253	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	116385	19.937	ug/l	100
20) Methylene Chloride	4.710	84	45729	18.740	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	32613	19.906	ug/l	94
22) Diisopropyl ether	6.125	45	126954	20.129	ug/l	94
23) Vinyl Acetate	6.058	43	396520	101.859	ug/l	96
24) 1,1-Dichloroethane	6.015	63	67765	19.713	ug/l	97
25) 2-Butanone	6.990	43	141313	104.215	ug/l	100
26) 2,2-Dichloropropane	6.984	77	57391	18.266	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	42324	19.460	ug/l	96
28) Bromochloromethane	7.338	49	18810	20.168	ug/l	99
29) Tetrahydrofuran	7.350	42	80447	104.966	ug/l	94
30) Chloroform	7.509	83	73234	19.893	ug/l	94
31) Cyclohexane	7.783	56	46741	18.822	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	59588	19.607	ug/l	98
36) 1,1-Dichloropropene	7.917	75	46550	19.042	ug/l	99
37) Ethyl Acetate	7.082	43	52298	21.448	ug/l	97
38) Carbon Tetrachloride	7.899	117	51479	19.400	ug/l	98
39) Methylcyclohexane	9.185	83	51355	18.993	ug/l	94
40) Benzene	8.161	78	146610	19.666	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	30046m	23.501	ug/l	
42) 1,2-Dichloroethane	8.240	62	51271	20.081	ug/l	94
43) Isopropyl Acetate	8.277	43	85215	20.459	ug/l	98
44) Trichloroethene	8.941	130	41388	19.877	ug/l	97
45) 1,2-Dichloropropane	9.216	63	41206	19.820	ug/l	95
46) Dibromomethane	9.307	93	26057	19.594	ug/l	95
47) Bromodichloromethane	9.496	83	58771	19.827	ug/l	99
48) Methyl methacrylate	9.295	41	37209	20.352	ug/l	91
49) 1,4-Dioxane	9.307	88	11078	421.660	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	271024	104.980	ug/l	94
52) Toluene	10.246	92	94319	19.625	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	62840	19.769	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	67924	19.851	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	39754	20.399	ug/l	94
56) Ethyl methacrylate	10.514	69	57204	19.918	ug/l	91
57) 1,3-Dichloropropane	10.788	76	65384	20.006	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	97831	107.238	ug/l	96
59) 2-Hexanone	10.831	43	212816	107.445	ug/l	92
60) Dibromochloromethane	10.983	129	45178	19.859	ug/l	100
61) 1,2-Dibromoethane	11.087	107	38501	20.194	ug/l	99
64) Tetrachloroethene	10.721	164	44155	20.325	ug/l	98
65) Chlorobenzene	11.514	112	109238	19.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	42574	19.830	ug/l	98
67) Ethyl Benzene	11.593	91	189710	19.638	ug/l	99
68) m/p-Xylenes	11.703	106	146267	39.834	ug/l	96
69) o-Xylene	12.026	106	70354	19.540	ug/l	99
70) Styrene	12.044	104	122052	19.804	ug/l	97
71) Bromoform	12.209	173	30852	19.831	ug/l #	99
73) Isopropylbenzene	12.331	105	189422	19.407	ug/l	100
74) N-amyl acetate	12.142	43	73486	20.031	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	53855	19.825	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	42601m	19.549	ug/l	
77) Bromobenzene	12.605	156	45810	19.120	ug/l	93
78) n-propylbenzene	12.672	91	229965	19.393	ug/l	99
79) 2-Chlorotoluene	12.758	91	130717	19.339	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	159233	19.487	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17872	19.389	ug/l	94
82) 4-Chlorotoluene	12.855	91	138998	19.699	ug/l	100
83) tert-Butylbenzene	13.075	119	138857	19.402	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	161301	19.729	ug/l	99
85) sec-Butylbenzene	13.251	105	208650	19.481	ug/l	100
86) p-Isopropyltoluene	13.367	119	175092	19.571	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93070	19.580	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93774	19.726	ug/l	98
89) n-Butylbenzene	13.696	91	167561	19.779	ug/l	98
90) Hexachloroethane	13.959	117	32709	18.944	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	86576	19.731	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10974	20.340	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	54666	19.790	ug/l	99
94) Hexachlorobutadiene	15.111	225	28463	20.121	ug/l	96
95) Naphthalene	15.233	128	142308	19.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50490	19.803	ug/l	99

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

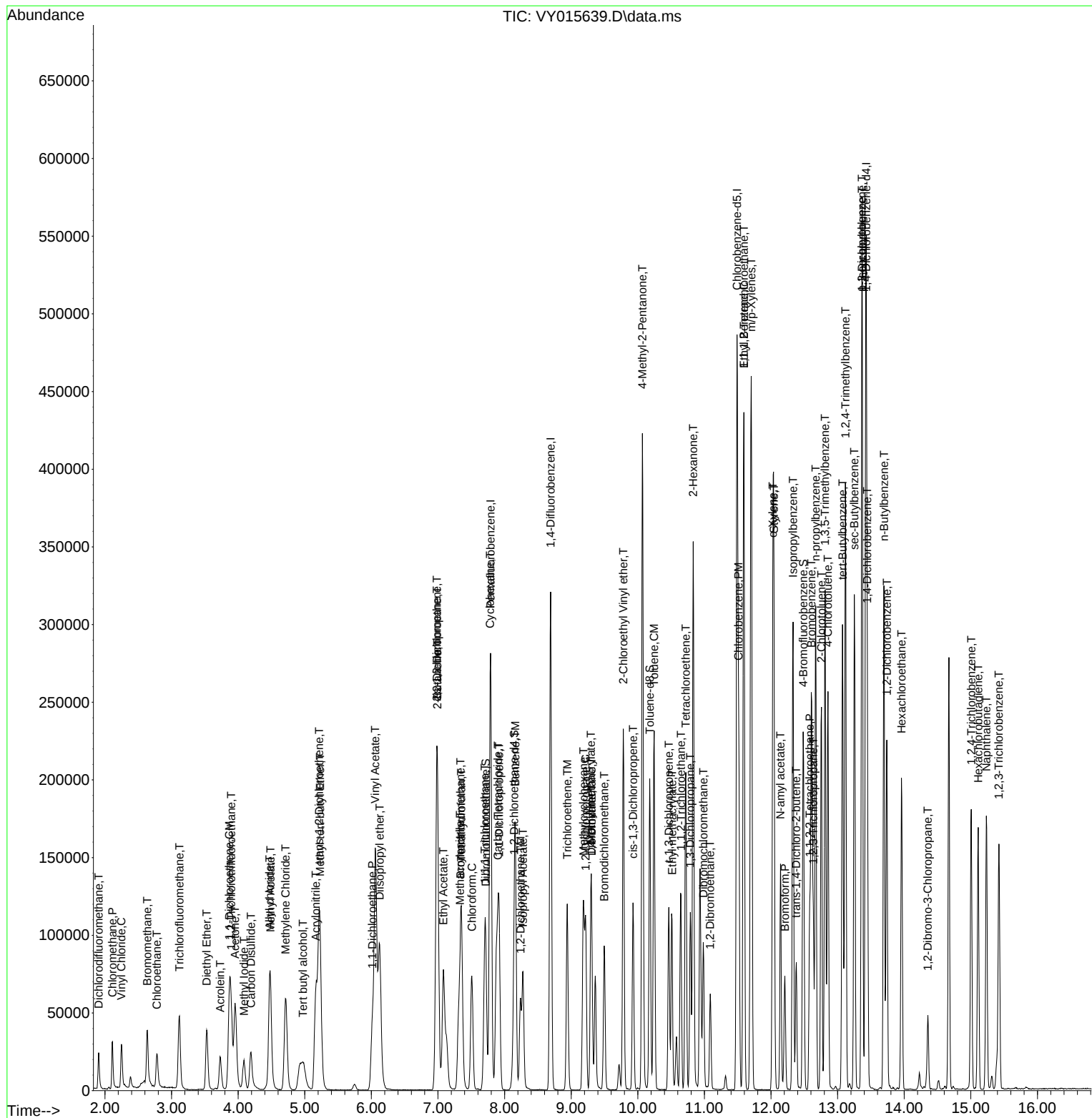
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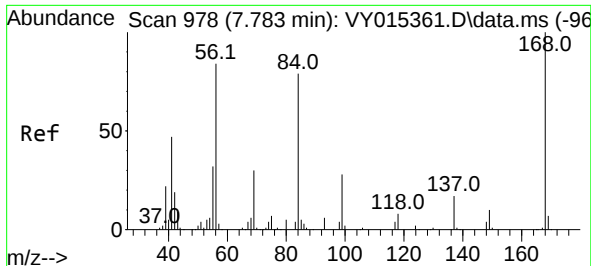
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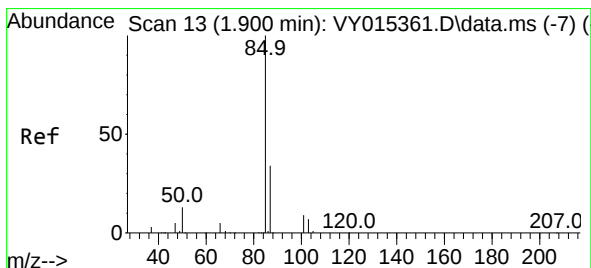
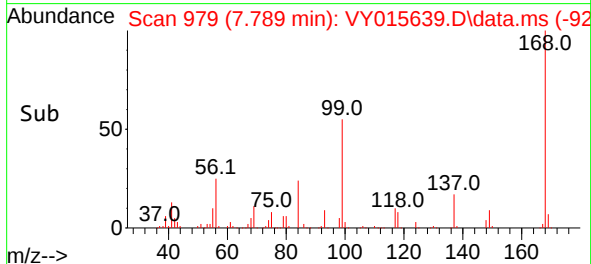
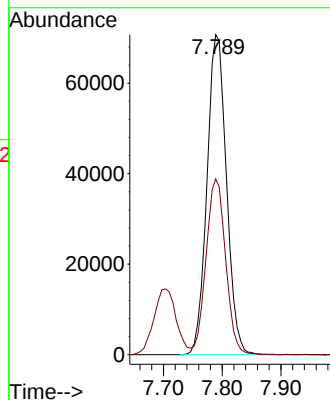
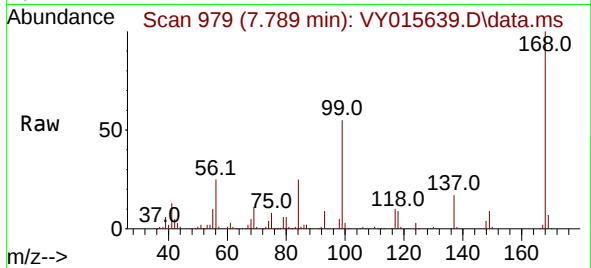
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 16292
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0

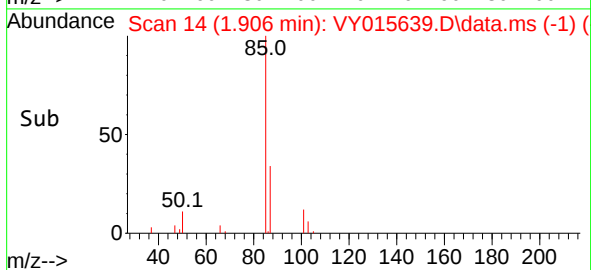
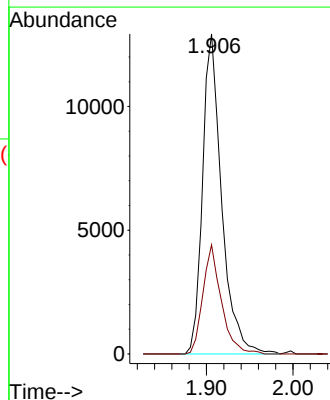
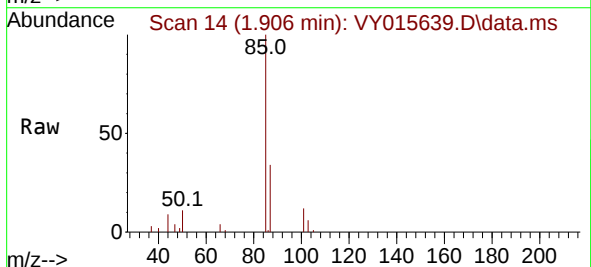
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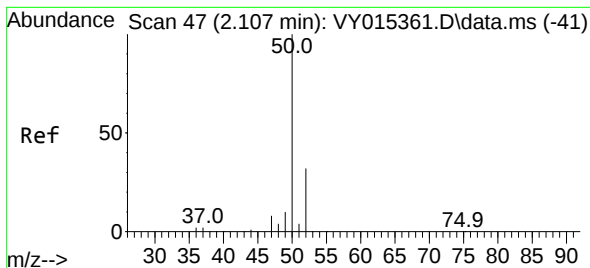
Reviewed By :Mahesh Dadoda 09/20/2023
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#2
Dichlorodifluoromethane
Concen: 18.452 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 85 Resp: 19816
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8





#3

Chloromethane

Concen: 19.331 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 26190

Ion Ratio Lower Upper

50 100

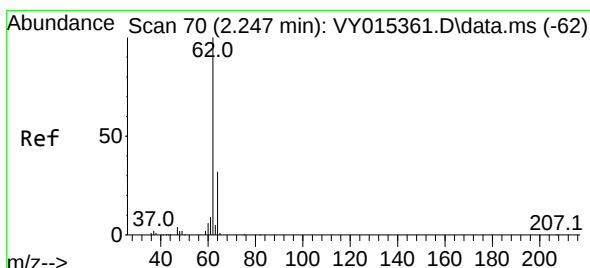
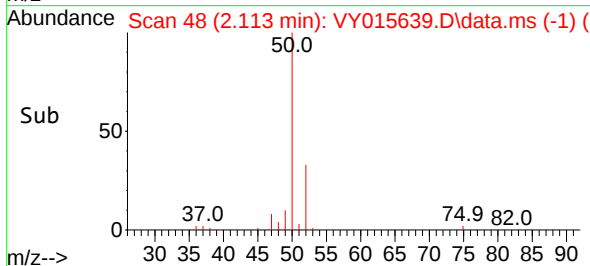
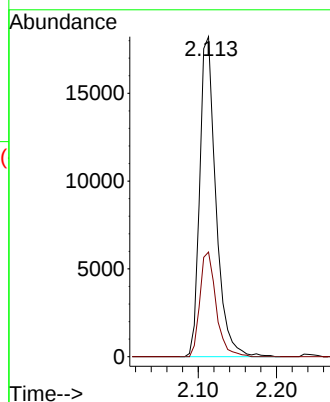
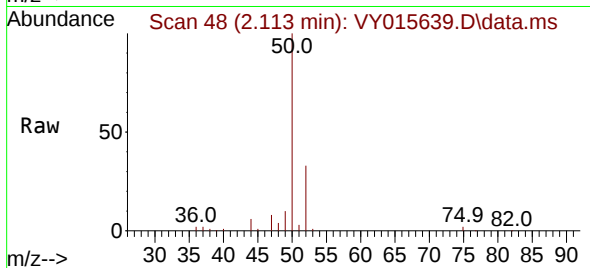
52 32.7 25.4 38.2

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#4

Vinyl Chloride

Concen: 18.709 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015639.D

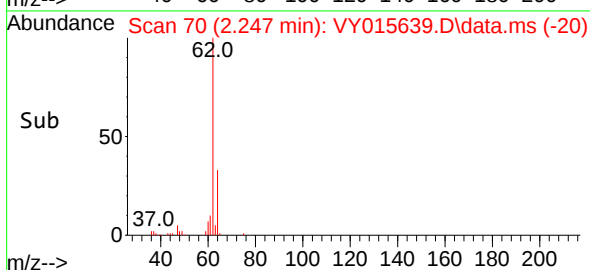
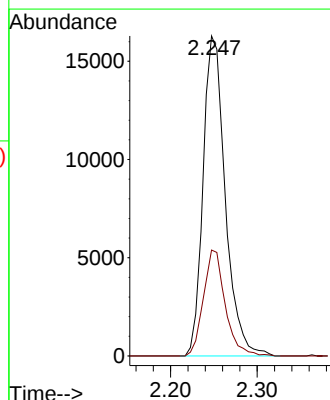
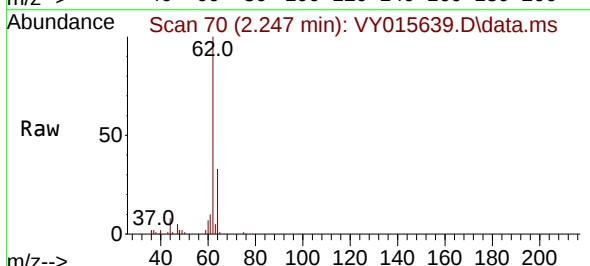
Acq: 19 Sep 2023 12:26

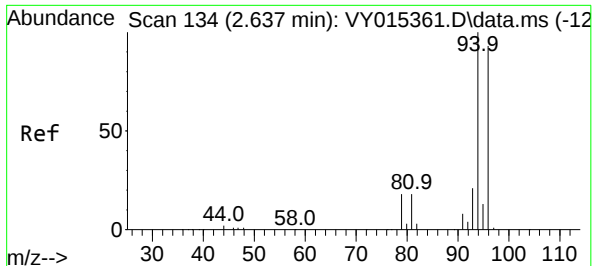
Tgt Ion: 62 Resp: 28981

Ion Ratio Lower Upper

62 100

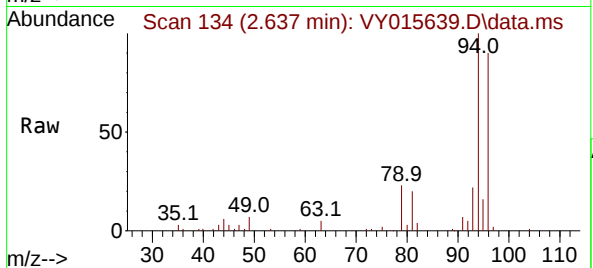
64 33.1 24.3 36.5





#5
Bromomethane
Concen: 16.594 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
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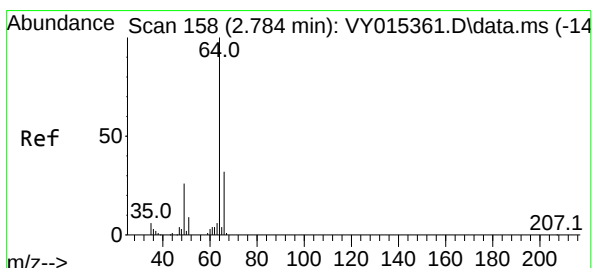
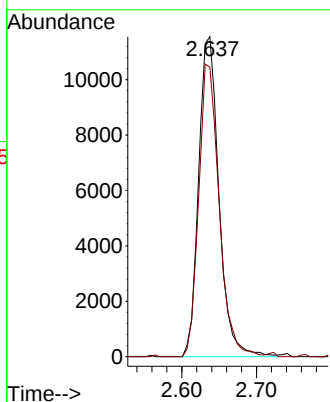
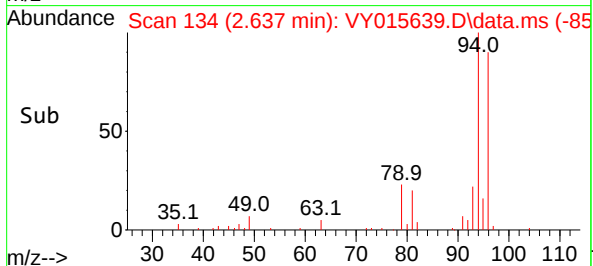
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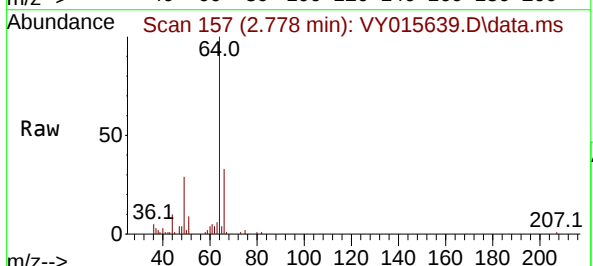
Tgt Ion: 94 Resp: 21804
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.6

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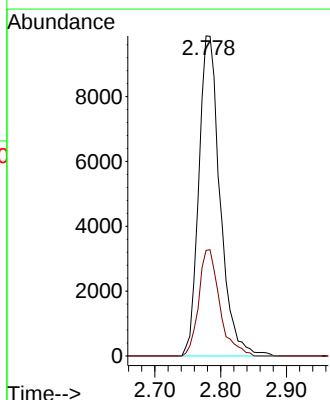
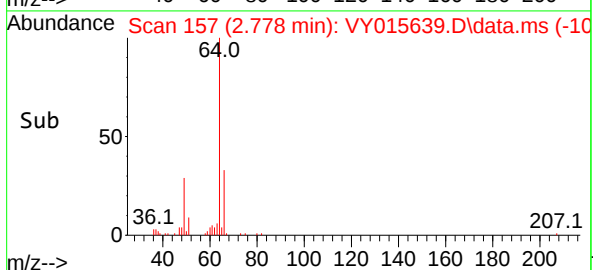
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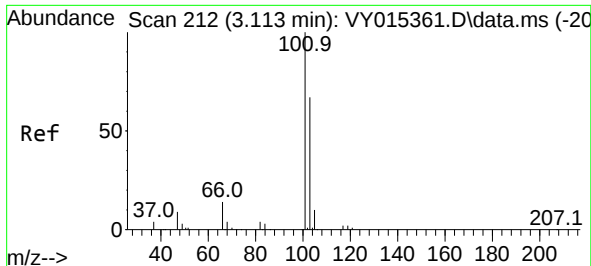


#6
Chloroethane
Concen: 19.290 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015639.D
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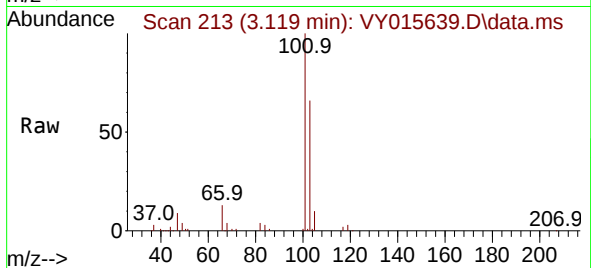
Tgt Ion: 64 Resp: 22148
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 19.344 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

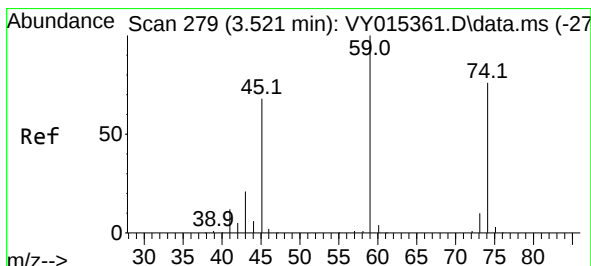
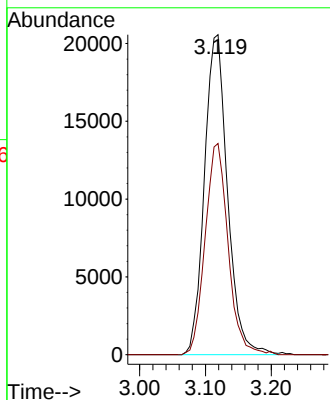
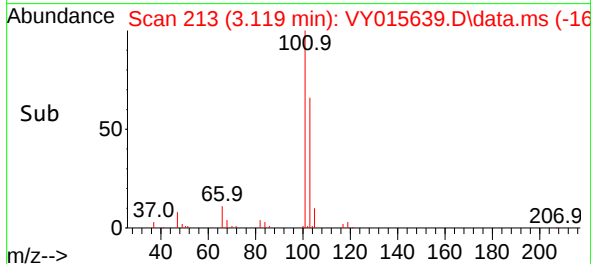
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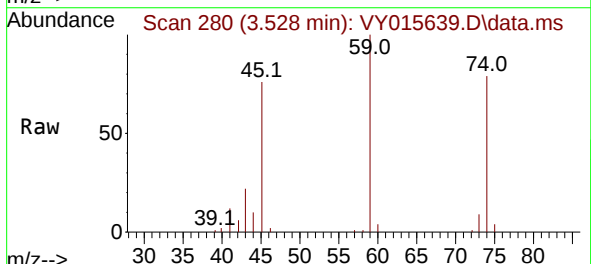
Tgt Ion:101 Resp: 50254
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0

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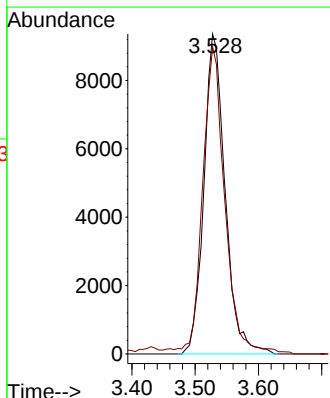
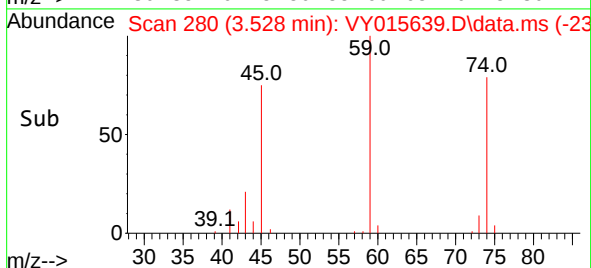
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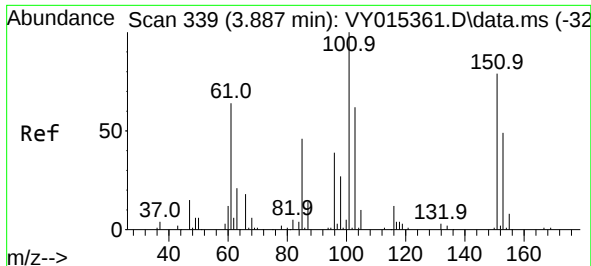


#8
Diethyl Ether
Concen: 19.715 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26



Tgt Ion: 74 Resp: 21842
Ion Ratio Lower Upper
74 100
45 100.1 51.5 154.5





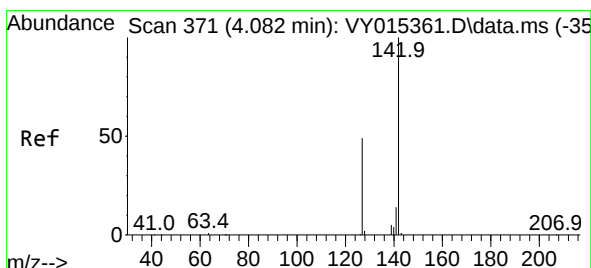
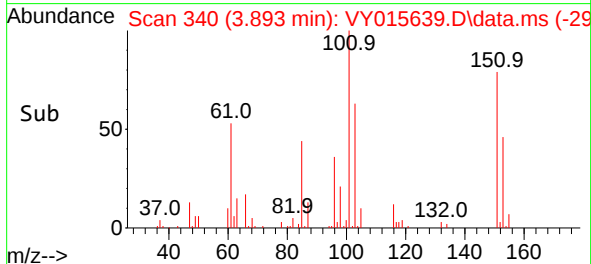
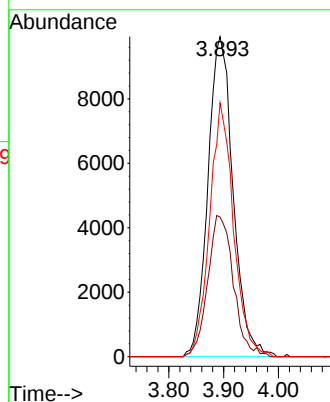
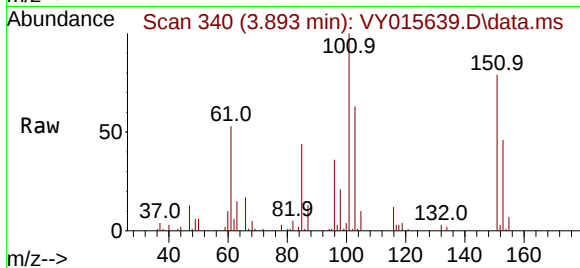
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.478 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3168
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 75.3 67.0 100.6

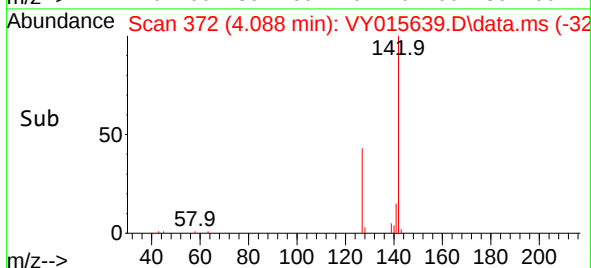
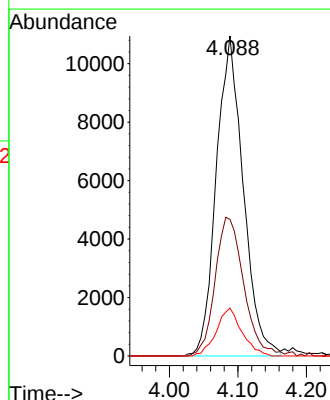
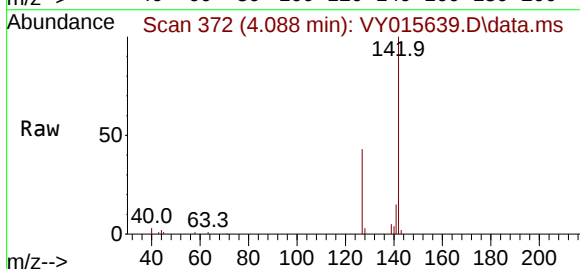
Manual Integrations
APPROVED

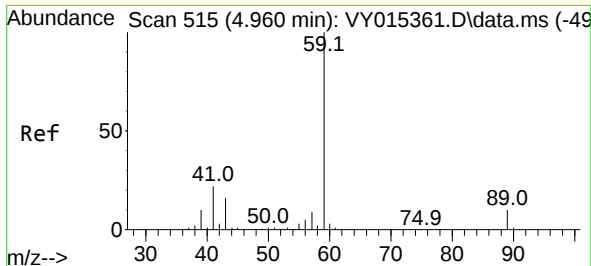
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#10
Methyl Iodide
Concen: 17.475 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:142 Resp: 29834
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 14.3 11.8 17.8





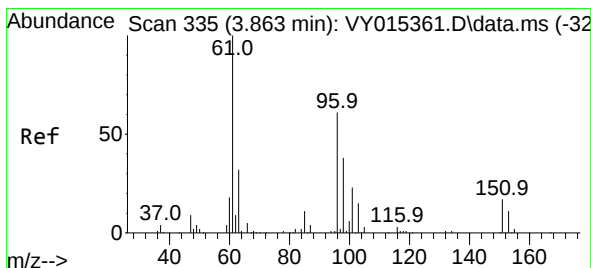
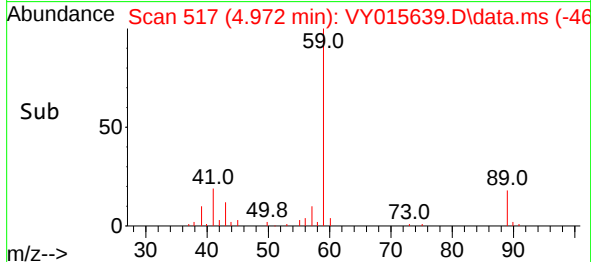
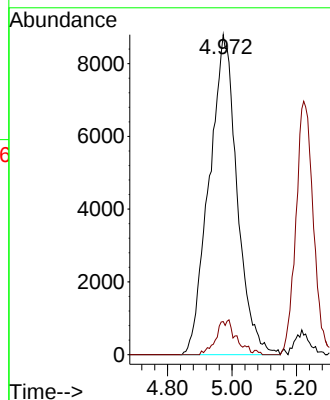
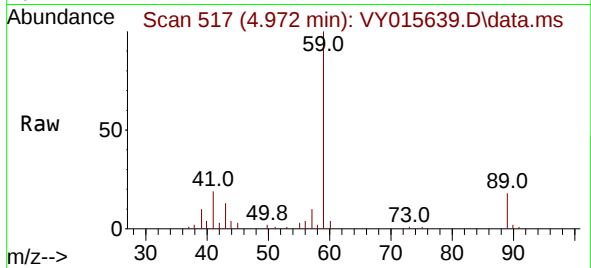
#11
Tert butyl alcohol
Concen: 122.347 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 52975
Ion Ratio Lower Upper
59 100
57 3.8 3.0 4.4

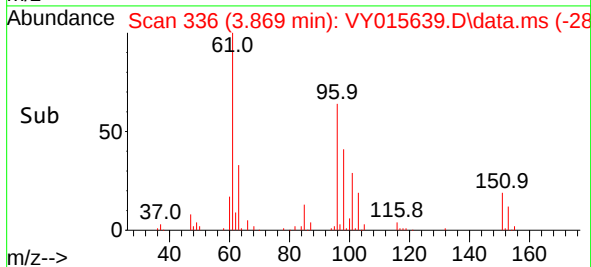
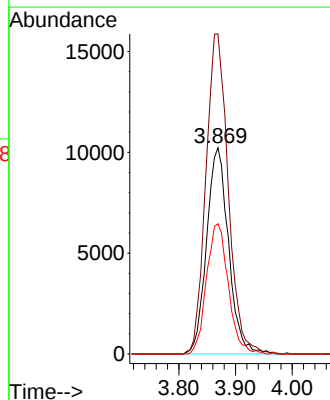
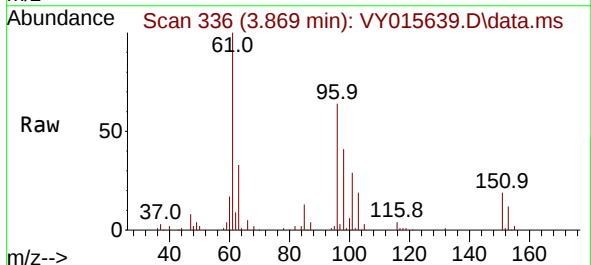
Manual Integrations
APPROVED

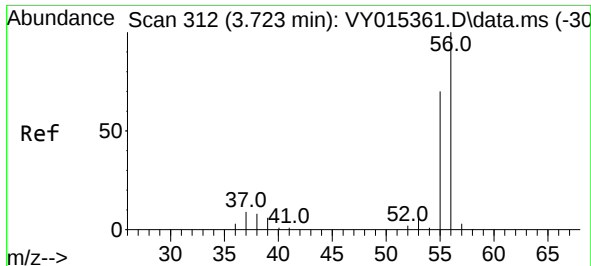
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#12
1,1-Dichloroethene
Concen: 19.169 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 96 Resp: 27476
Ion Ratio Lower Upper
96 100
61 155.2 136.4 204.6
98 63.2 49.4 74.2





#13

Acrolein

Concen: 94.050 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 25820

Ion Ratio Lower Upper

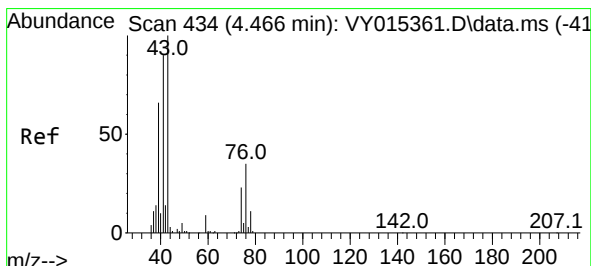
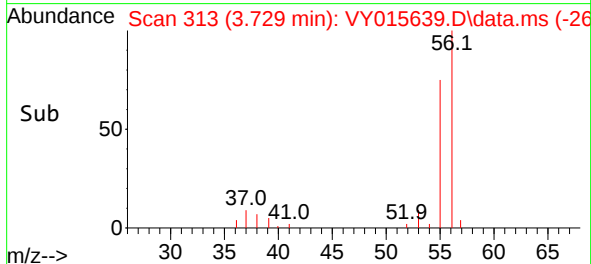
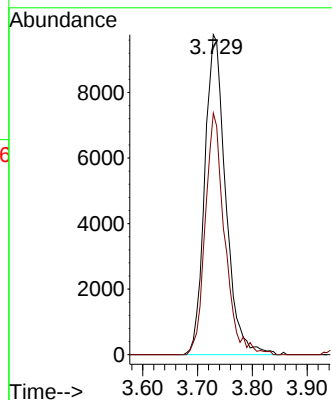
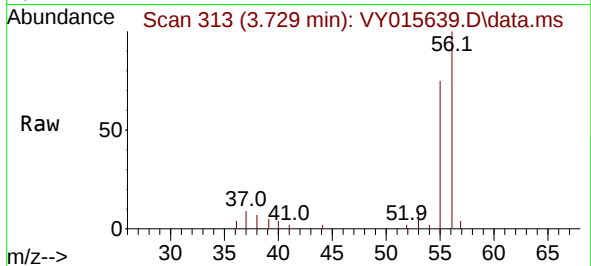
56 100

55 70.2 57.0 85.4

Manual Integrations

APPROVED

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



#14

Allyl chloride

Concen: 19.428 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

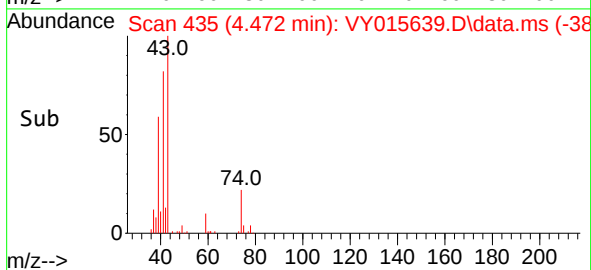
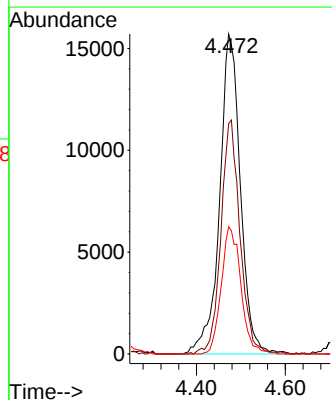
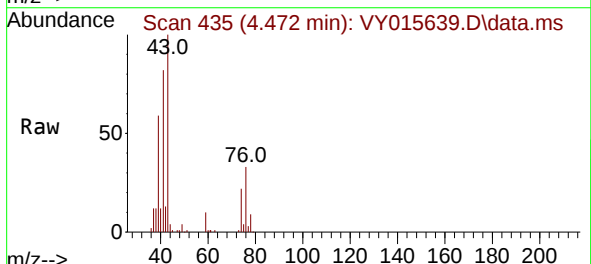
Tgt Ion: 41 Resp: 50915

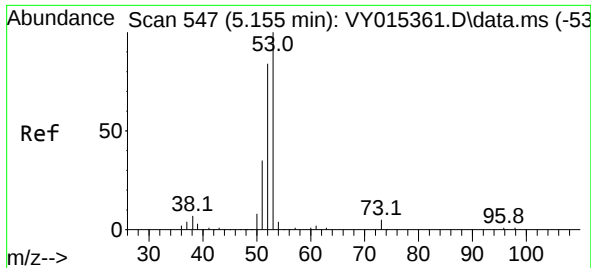
Ion Ratio Lower Upper

41 100

39 66.9 58.0 87.0

76 37.5 27.4 41.2





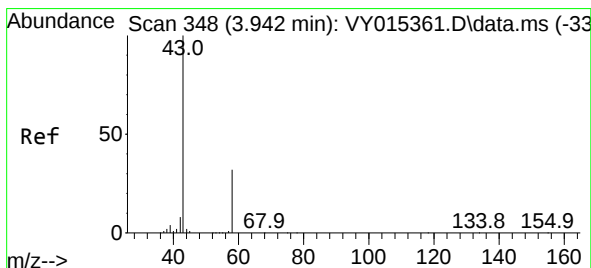
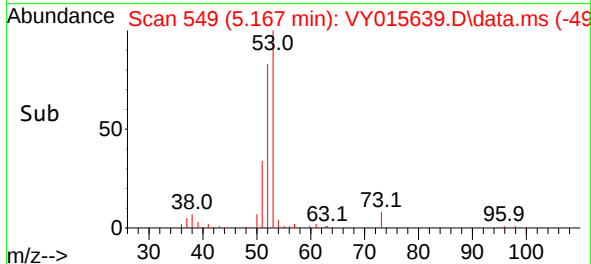
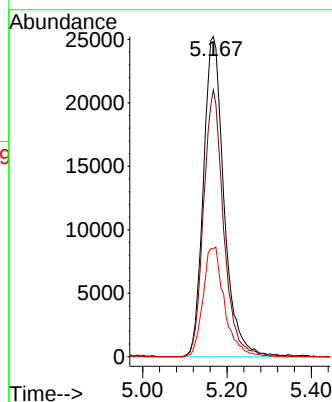
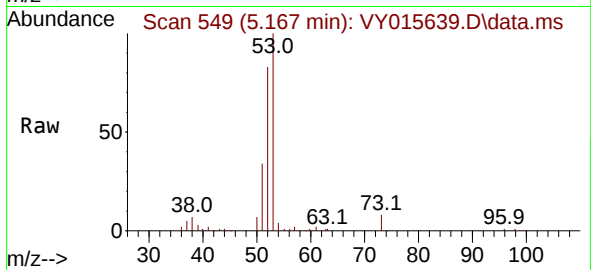
#15
Acrylonitrile
Concen: 105.330 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 8560
Ion Ratio Lower Upper
53 100
52 80.8 66.9 100.3
51 35.8 29.8 44.6

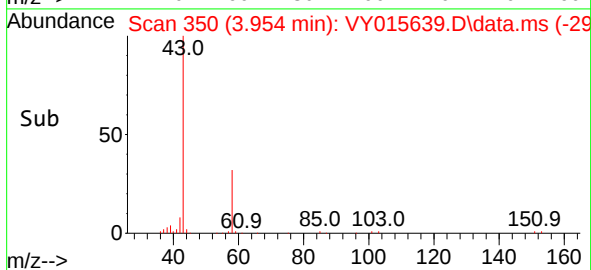
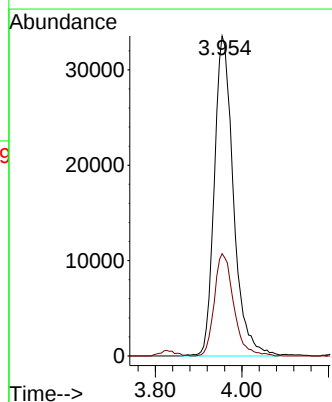
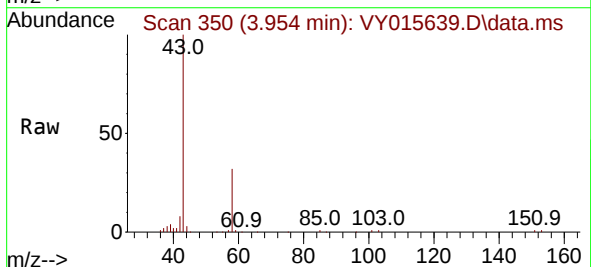
Manual Integrations
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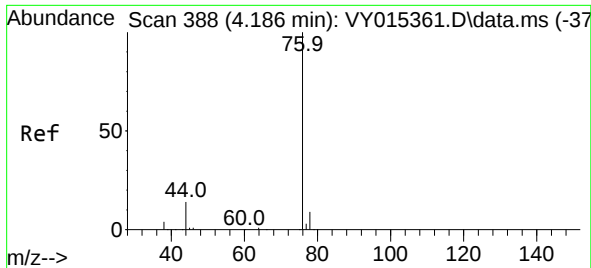
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#16
Acetone
Concen: 107.213 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 43 Resp: 102852
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1





#17

Carbon Disulfide

Concen: 17.901 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 4984

Ion Ratio Lower Upper

76 100

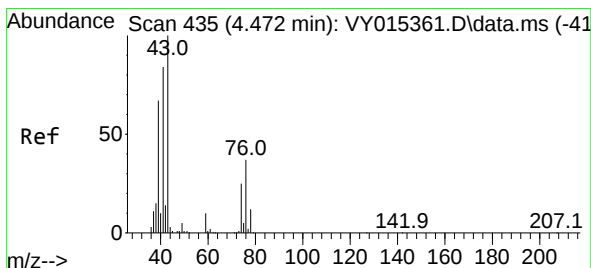
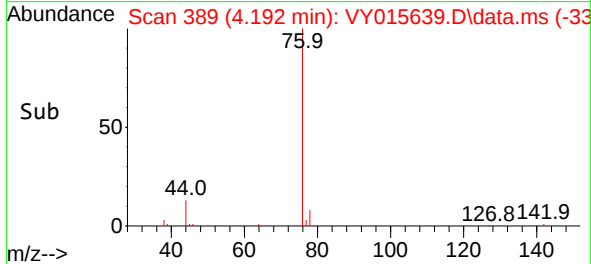
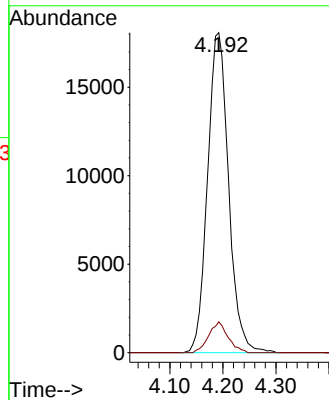
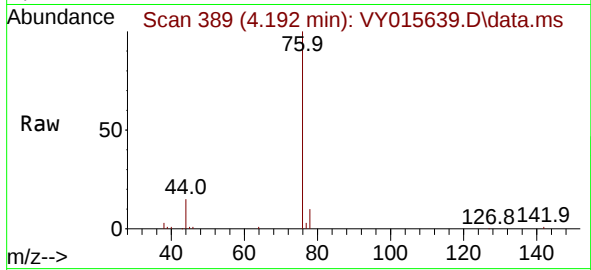
78 9.6 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#18

Methyl Acetate

Concen: 20.253 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015639.D

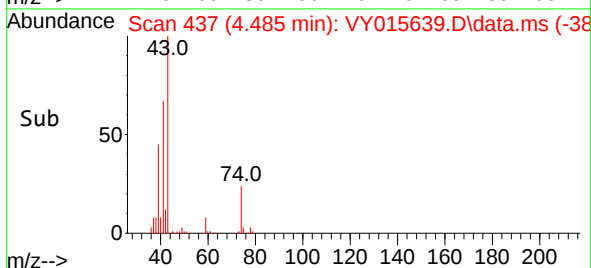
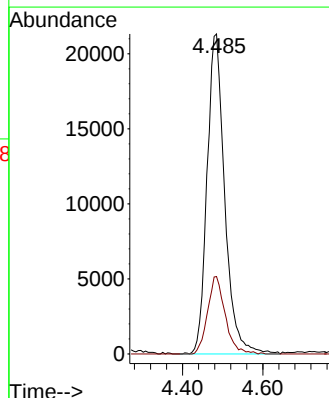
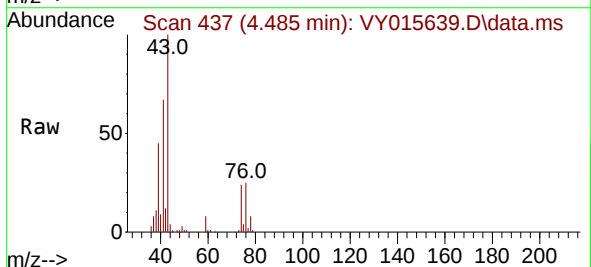
Acq: 19 Sep 2023 12:26

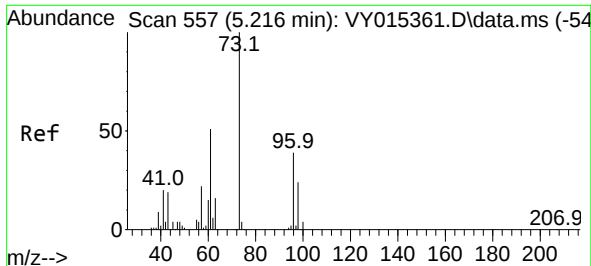
Tgt Ion: 43 Resp: 65189

Ion Ratio Lower Upper

43 100

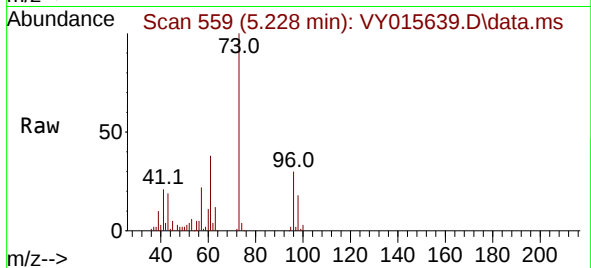
74 24.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 19.937 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

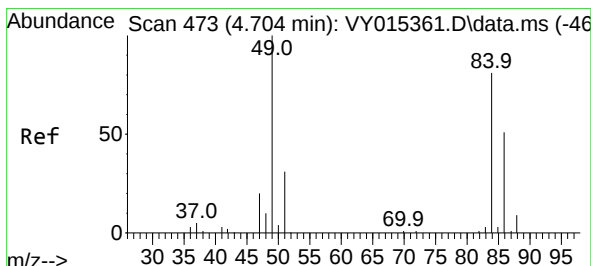
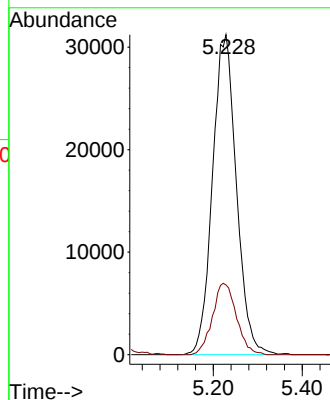
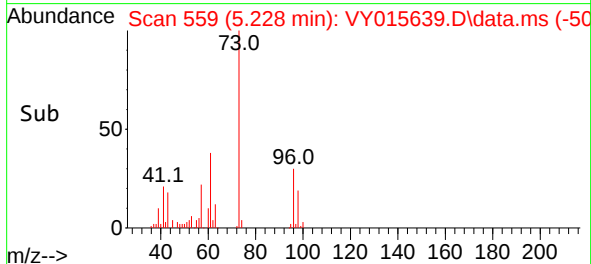
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 11638
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

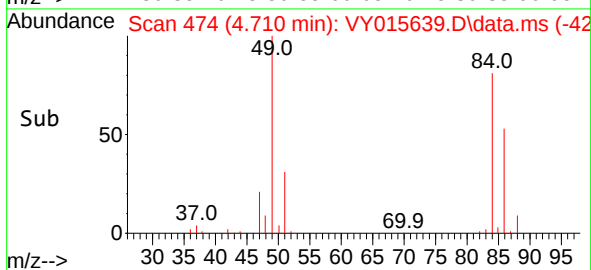
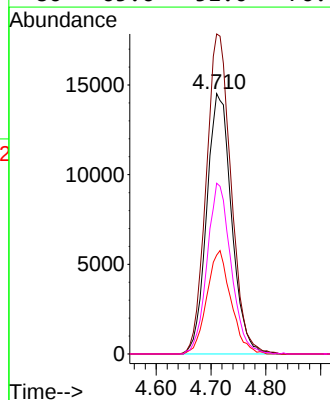
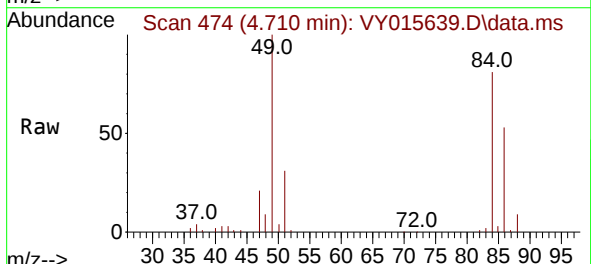
Manual Integrations
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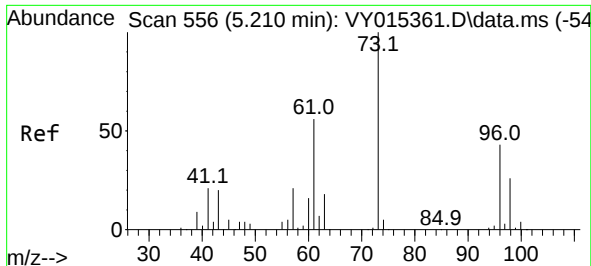
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#20
Methylene Chloride
Concen: 18.740 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

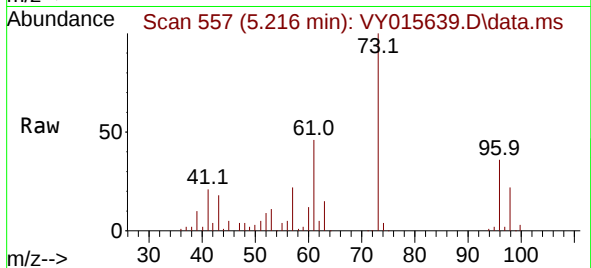
Tgt Ion: 84 Resp: 45729
Ion Ratio Lower Upper
84 100
49 122.9 106.9 160.3
51 38.0 33.2 49.8
86 65.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.906 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

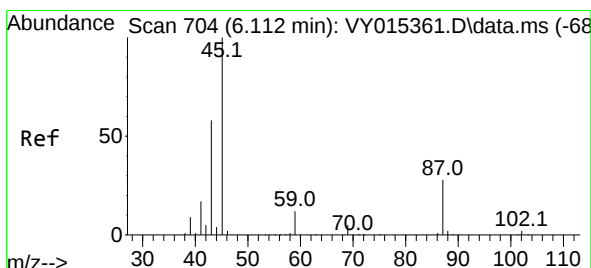
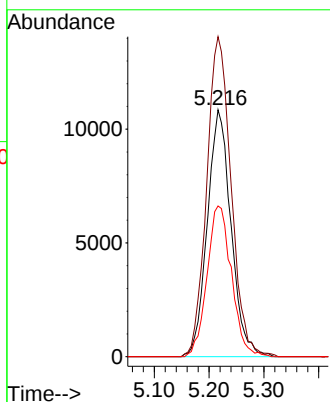
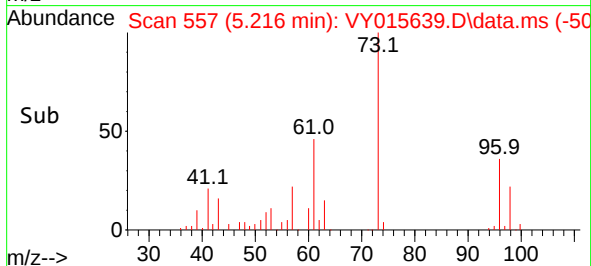
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



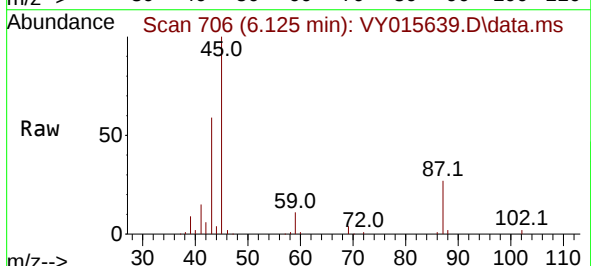
Tgt Ion: 96 Resp: 3261
Ion Ratio Lower Upper
96 100
61 129.6 110.2 165.4
98 61.1 51.8 77.6

Manual Integrations
APPROVED

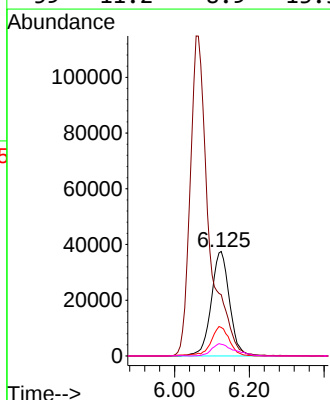
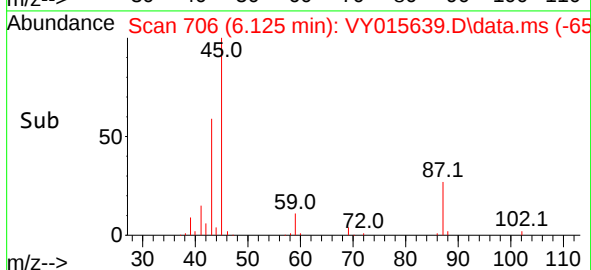
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

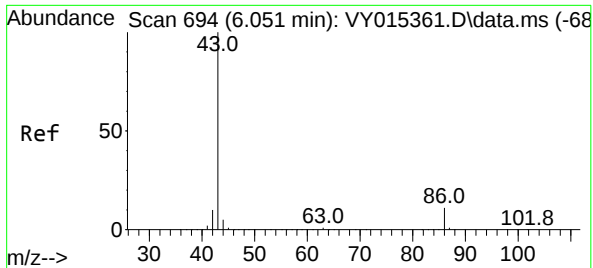


#22
Diisopropyl ether
Concen: 20.129 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26



Tgt Ion: 45 Resp: 126954
Ion Ratio Lower Upper
45 100
43 58.2 52.2 78.4
87 27.2 21.0 31.6
59 11.2 8.9 13.3





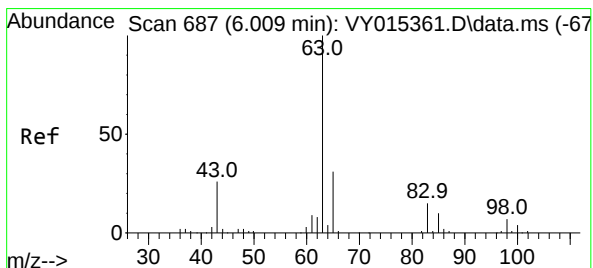
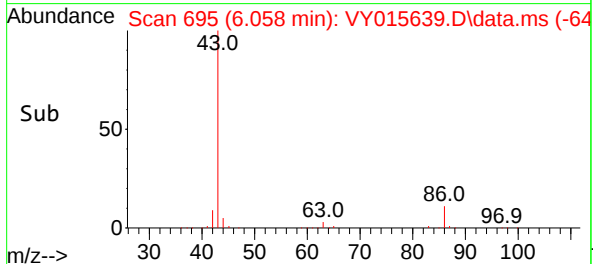
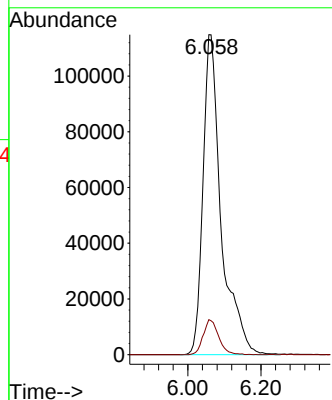
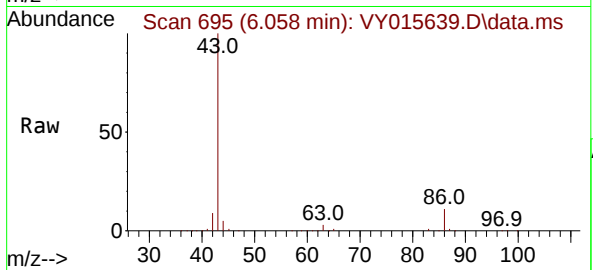
#23
 Vinyl Acetate
 Concen: 101.859 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 396520
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3

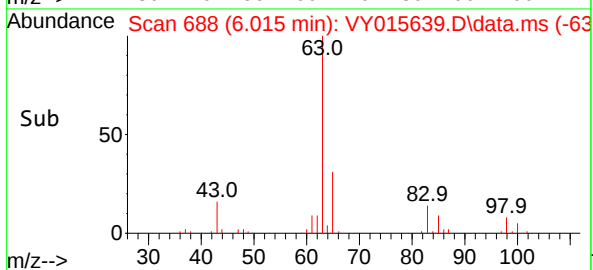
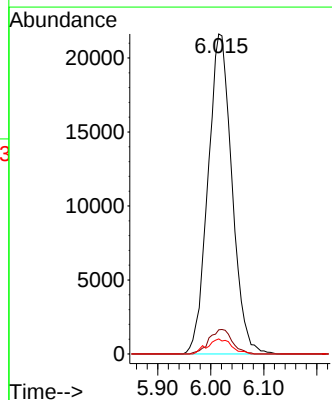
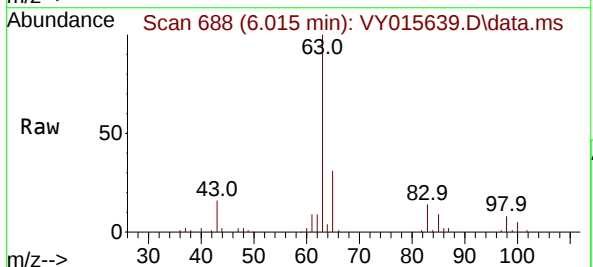
Manual Integrations
 APPROVED

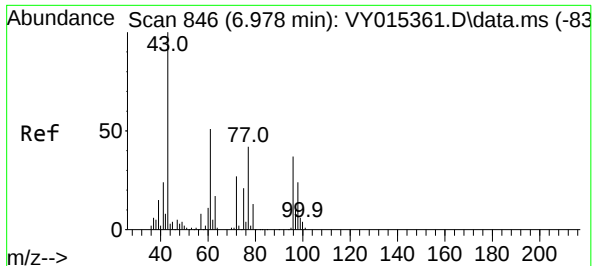
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.713 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

Tgt Ion: 63 Resp: 67765
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.7 1.8 5.5





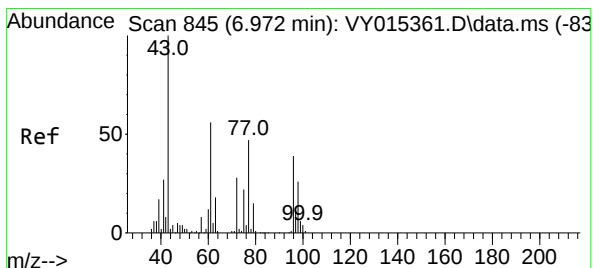
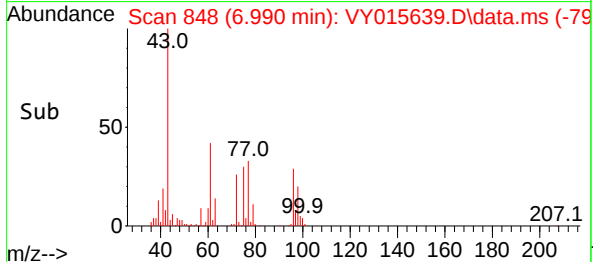
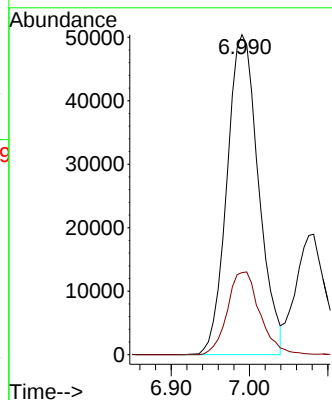
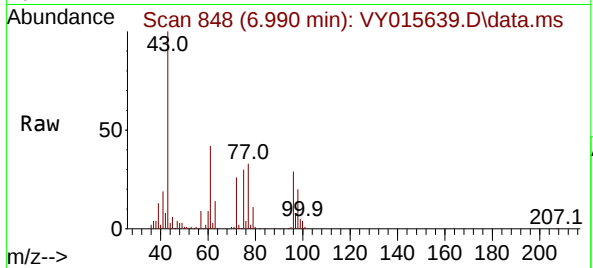
#25
2-Butanone
Concen: 104.215 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 14131
Ion Ratio Lower Upper
43 100
72 25.7 20.5 30.7

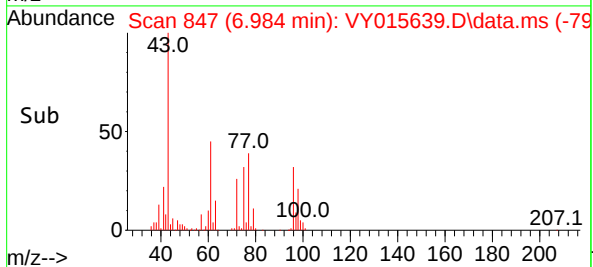
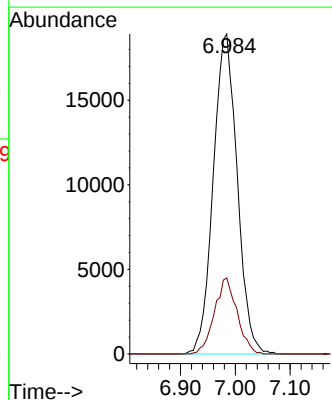
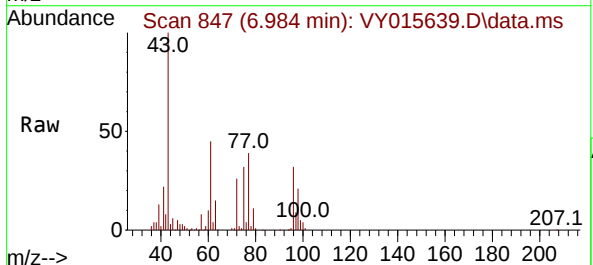
Manual Integrations
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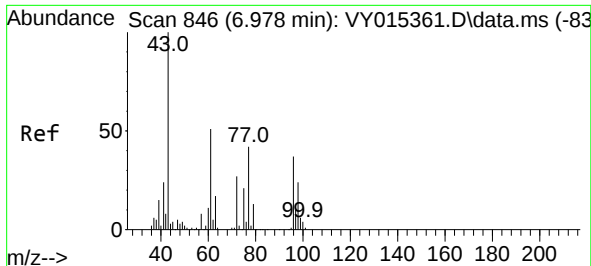
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#26
2,2-Dichloropropane
Concen: 18.266 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 77 Resp: 57391
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.460 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

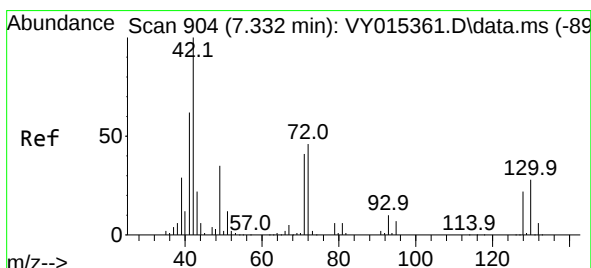
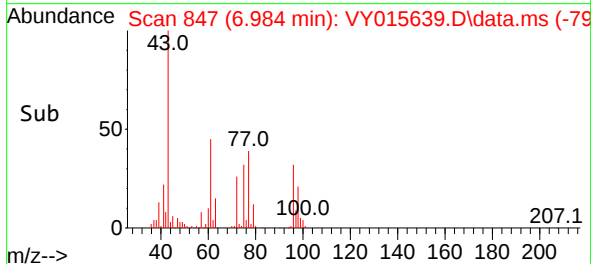
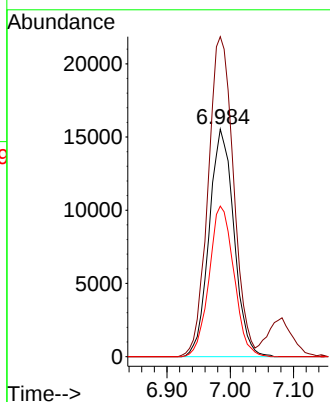
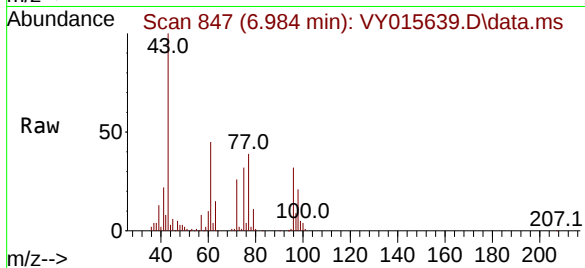
VSTDICC020

Tgt Ion:	96	Resp:	42324
Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	301.4
98	66.1	0.0	130.4

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 20.168 ug/l

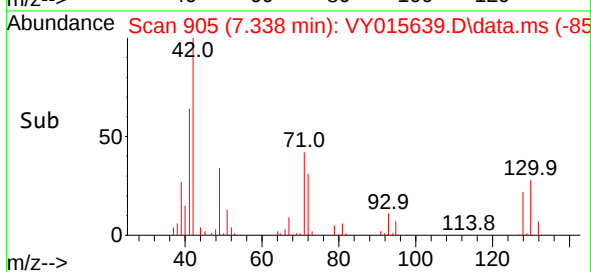
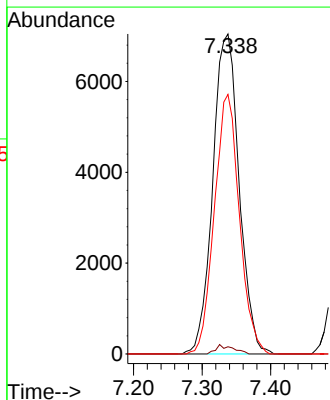
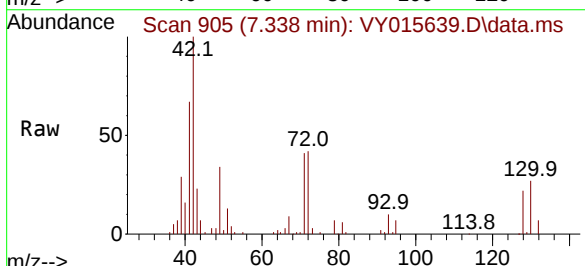
RT: 7.338 min Scan# 905

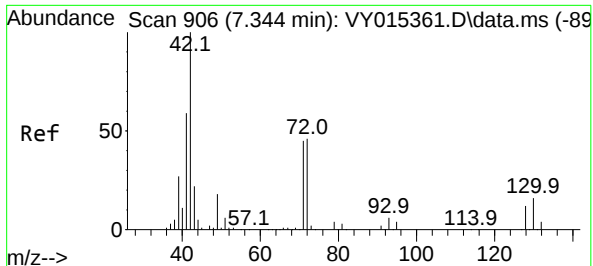
Delta R.T. 0.012 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Tgt Ion:	49	Resp:	18810
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	77.0	60.7	91.1





#29

Tetrahydrofuran

Concen: 104.966 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

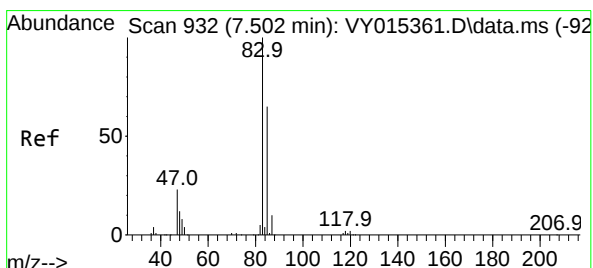
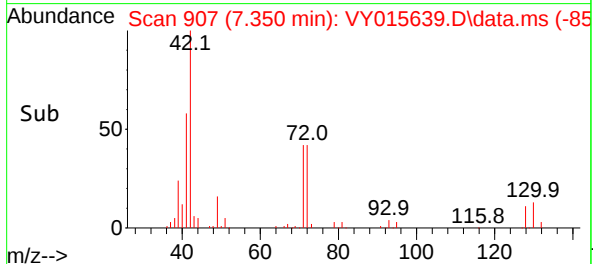
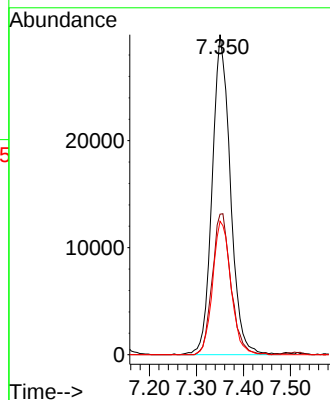
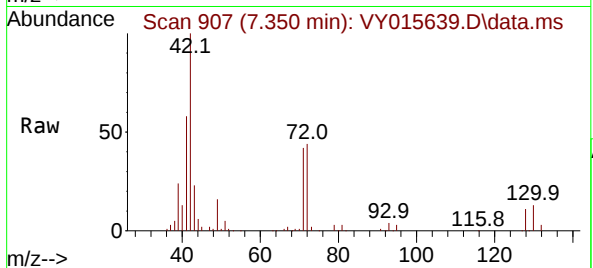
VSTDIC020

Tgt Ion:	42	Resp:	8044
Ion	Ratio	Lower	Upper
42	100		
72	45.0	32.8	49.2
71	41.8	31.0	46.4

Manual Integrations

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



#30

Chloroform

Concen: 19.893 ug/l

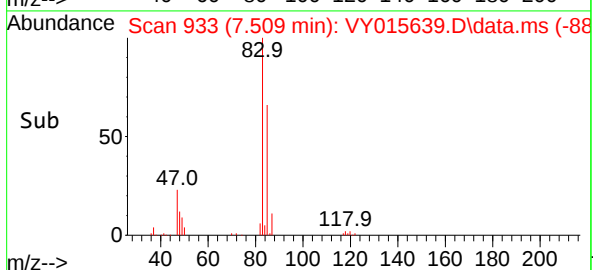
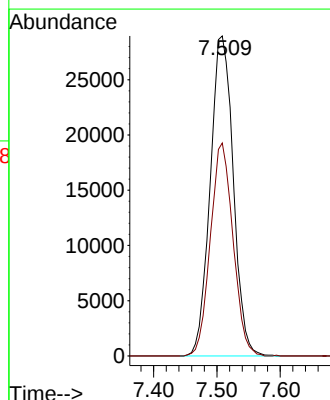
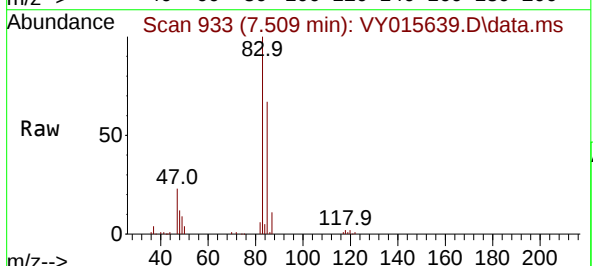
RT: 7.509 min Scan# 933

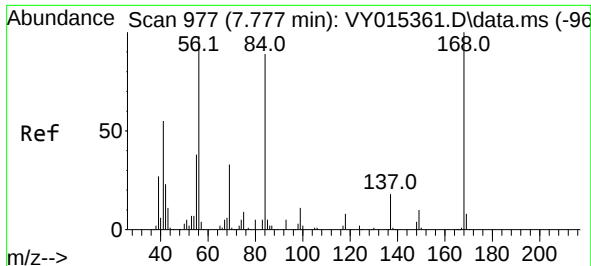
Delta R.T. 0.012 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

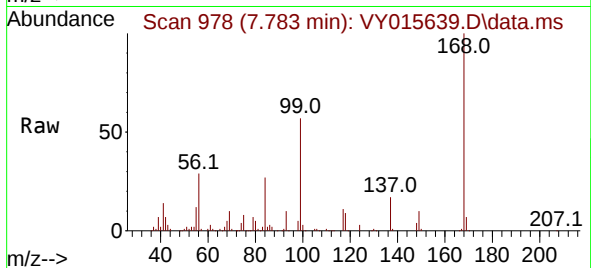
Tgt Ion:	83	Resp:	73234
Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.7	74.5





#31
Cyclohexane
Concen: 18.822 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

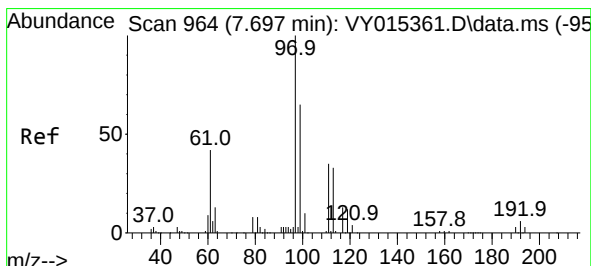
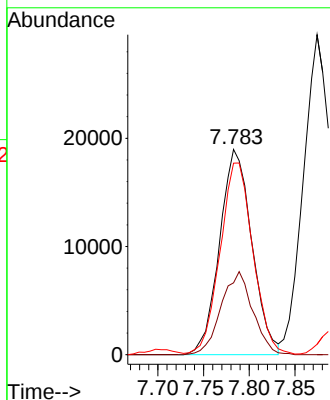
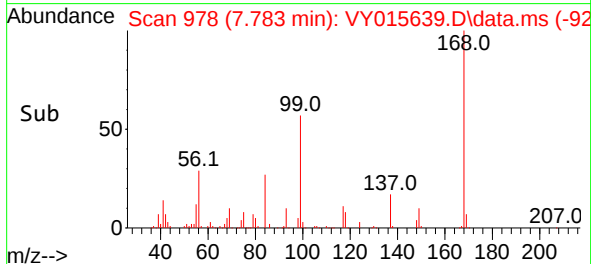
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 4674
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 92.1 66.4 99.6

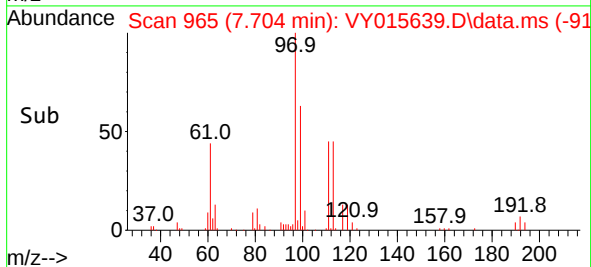
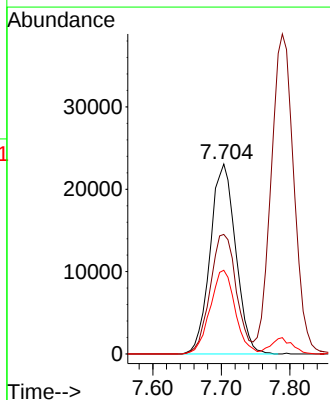
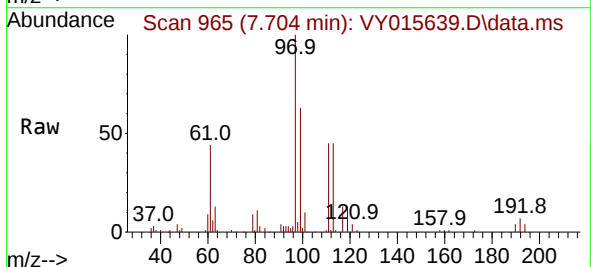
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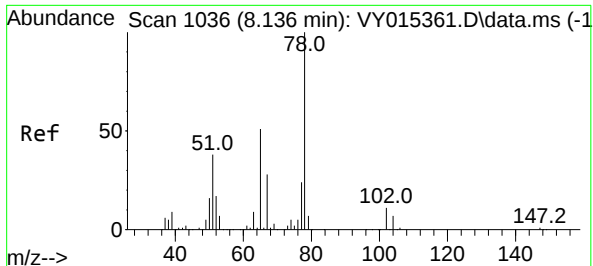
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.607 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 97 Resp: 59588
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 22.756 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4079

Ion Ratio Lower Upper

65 100

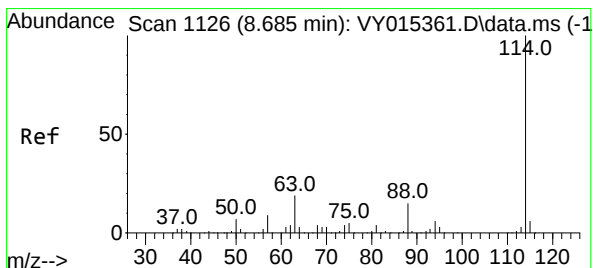
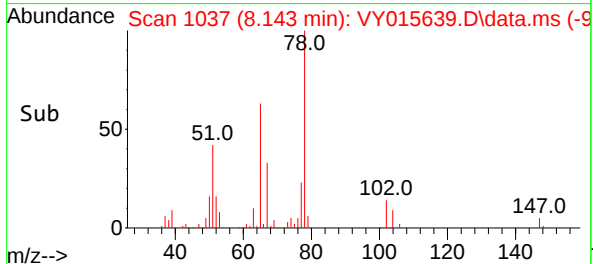
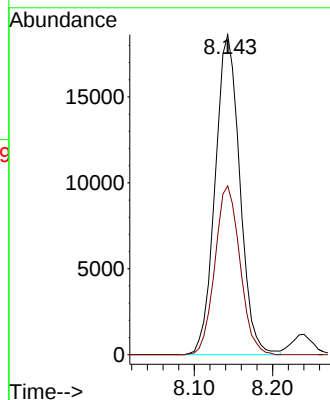
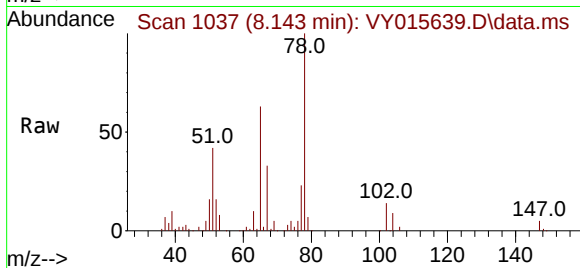
67 53.6 0.0 101.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

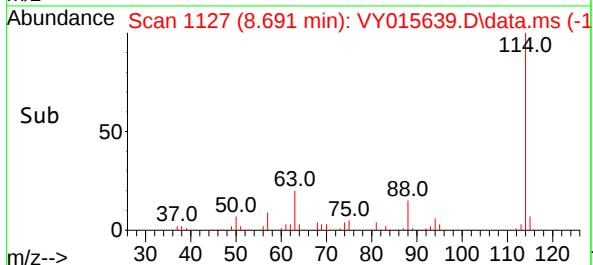
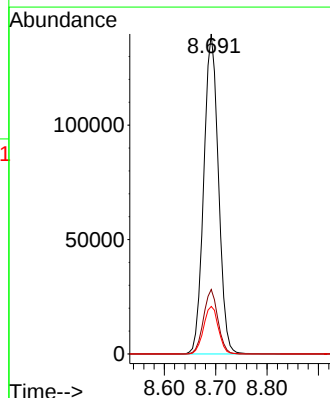
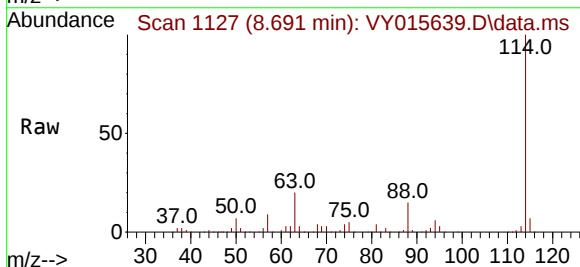
Tgt Ion:114 Resp: 276233

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

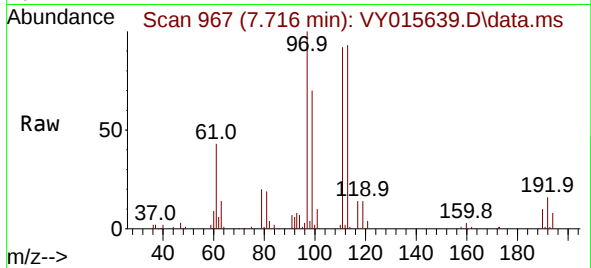
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 22.223 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

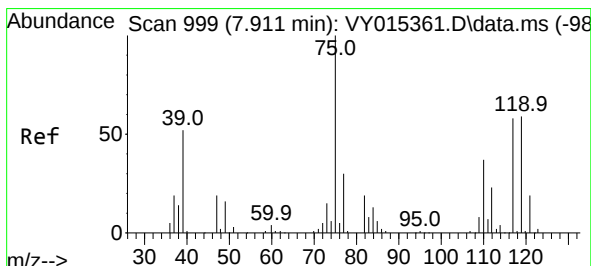
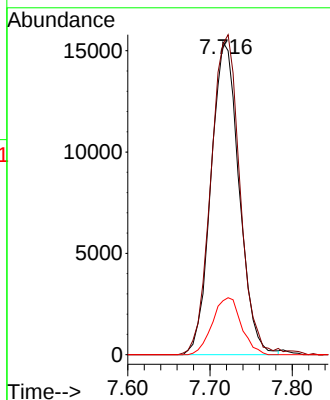
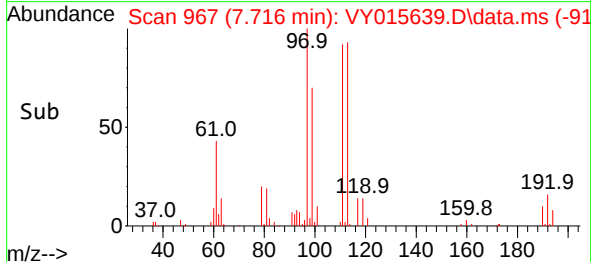
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



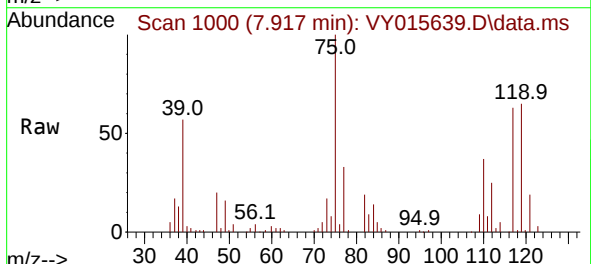
Tgt Ion:113 Resp: 3674
Ion Ratio Lower Upper
113 100
111 105.7 81.3 121.9
192 18.6 16.9 25.3

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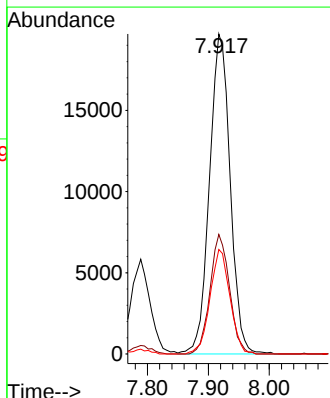
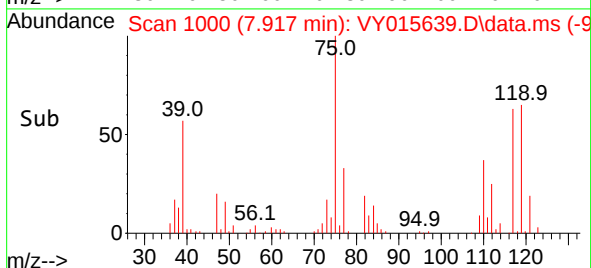
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

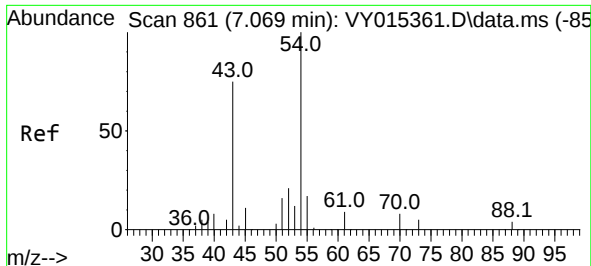


#36
1,1-Dichloropropene
Concen: 19.042 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26



Tgt Ion: 75 Resp: 46550
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 21.448 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.018 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

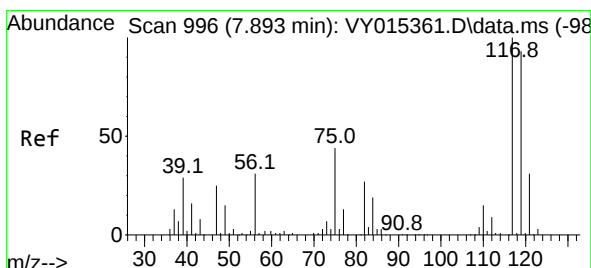
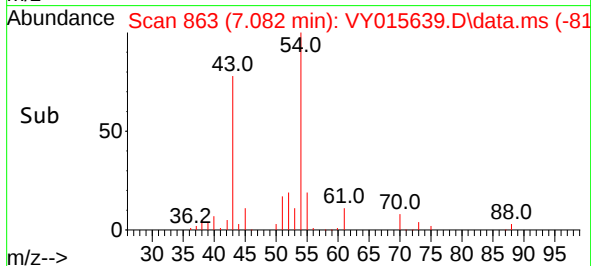
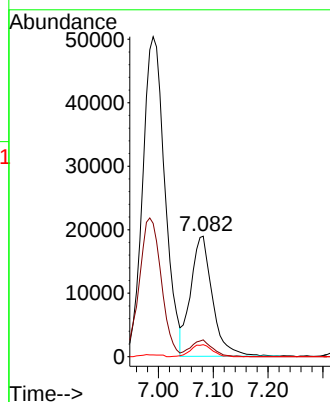
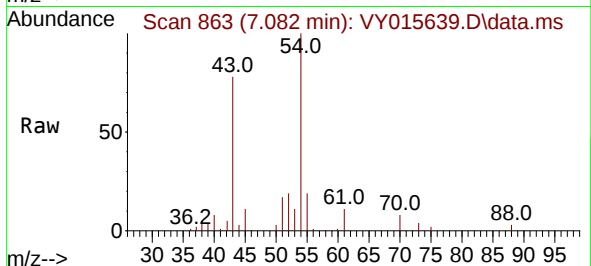
Tgt Ion: 43 Resp: 52298

Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.1	15.1
70	9.8	7.1	10.7

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 19.400 ug/l

RT: 7.899 min Scan# 997

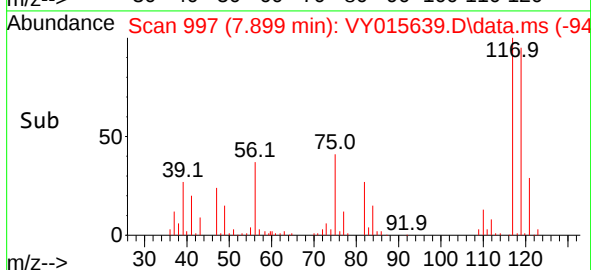
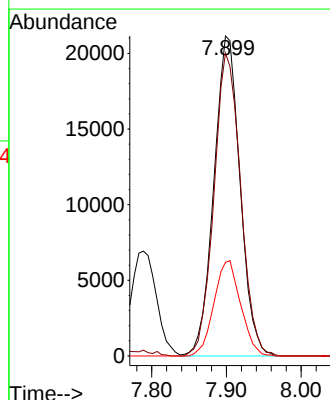
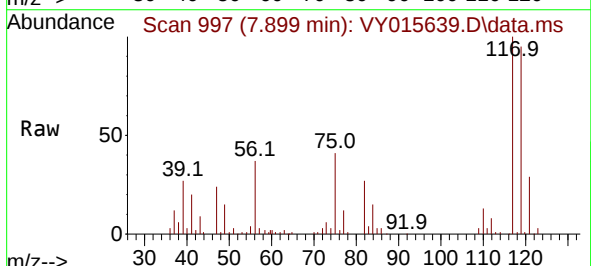
Delta R.T. 0.006 min

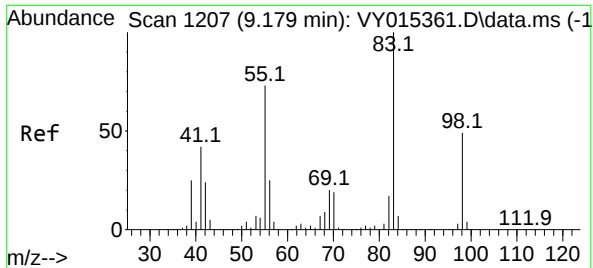
Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Tgt Ion:117 Resp: 51479

Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.4	114.6
121	29.3	25.8	38.6





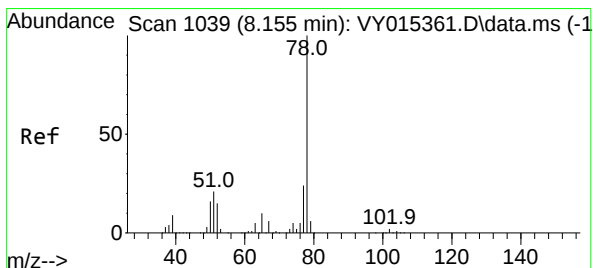
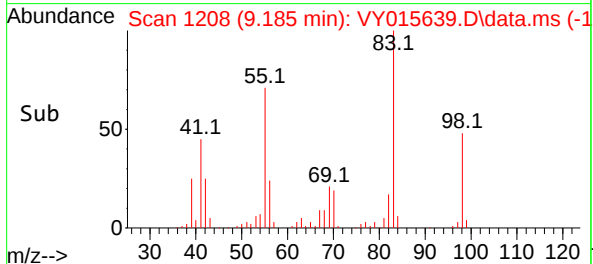
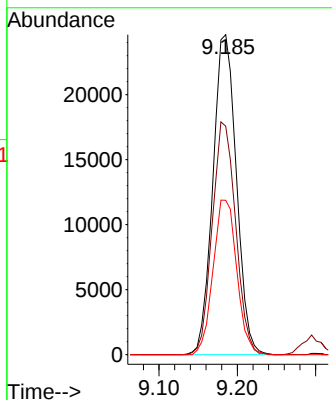
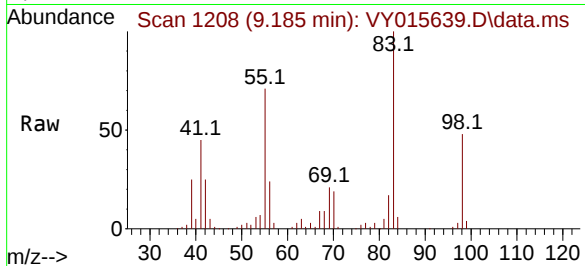
#39
Methylcyclohexane
Concen: 18.993 ug/l
RT: 9.185 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5135
Ion Ratio Lower Upper
83 100
55 71.4 63.0 94.4
98 48.3 37.4 56.2

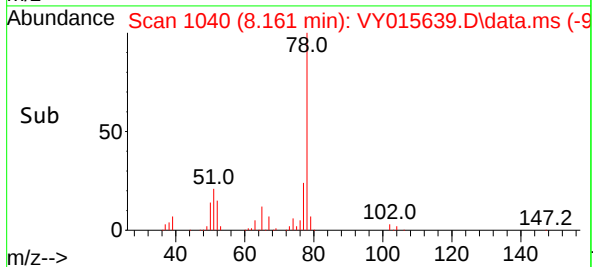
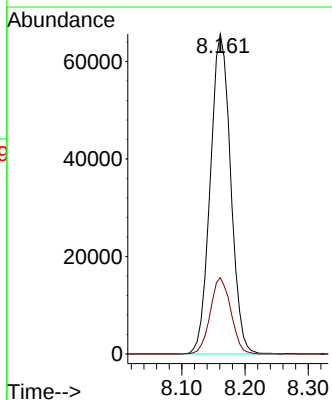
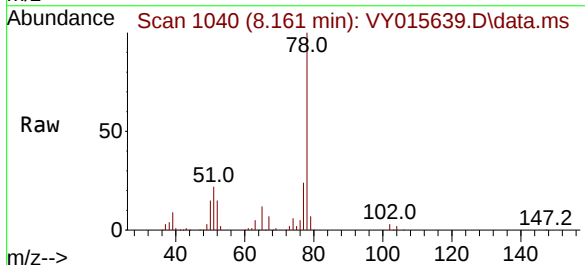
Manual Integrations
APPROVED

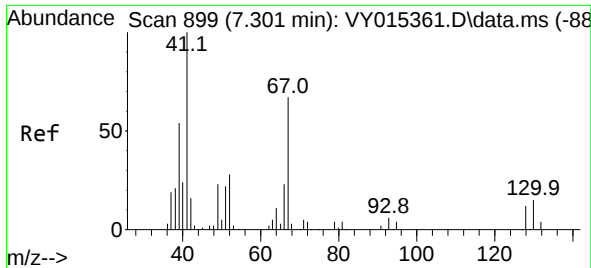
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#40
Benzene
Concen: 19.666 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

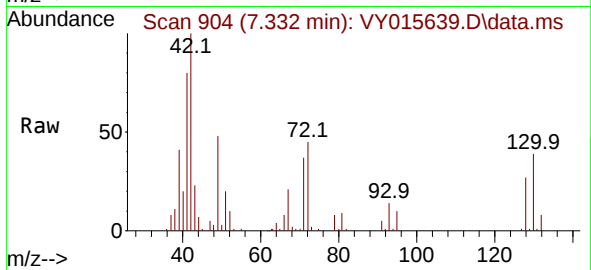
Tgt Ion: 78 Resp: 146610
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 23.501 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

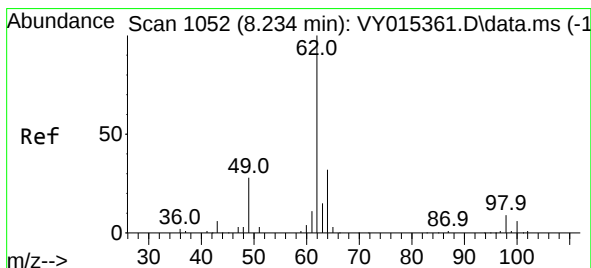
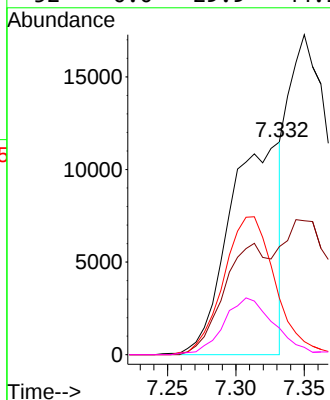
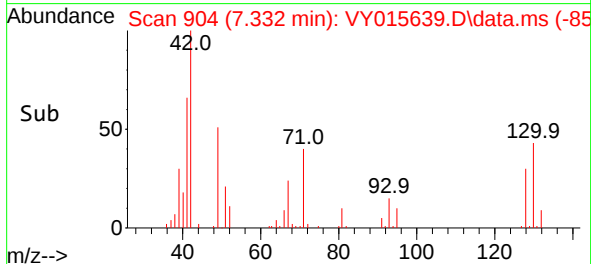
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 3004
Ion Ratio Lower Upper
41 100
39 64.8 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

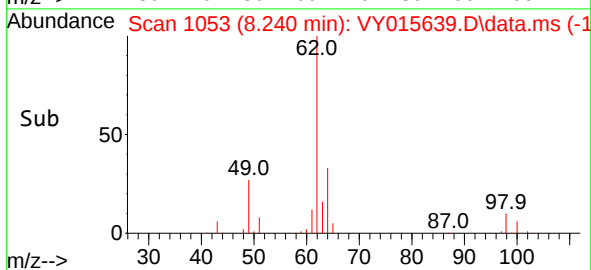
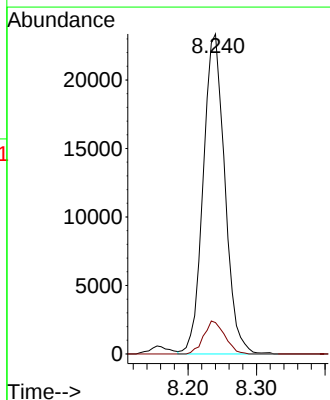
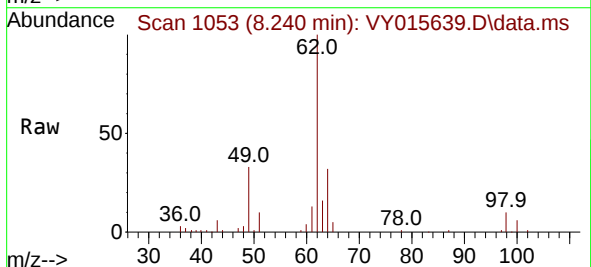
Manual Integrations
APPROVED

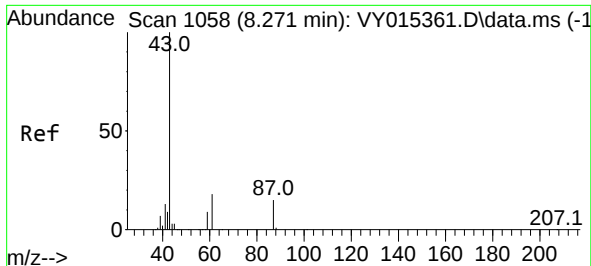
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#42
1,2-Dichloroethane
Concen: 20.081 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

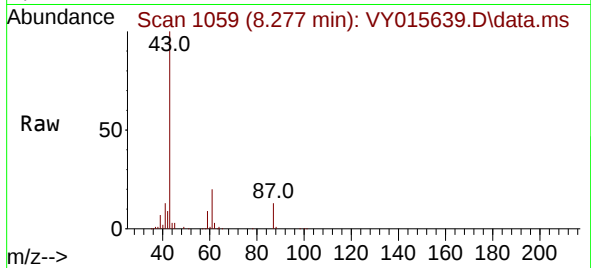
Tgt Ion: 62 Resp: 51271
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.459 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

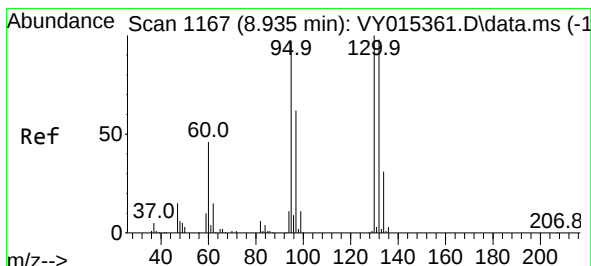
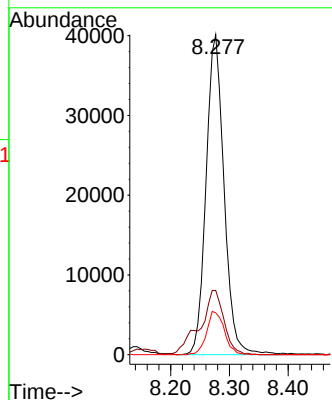
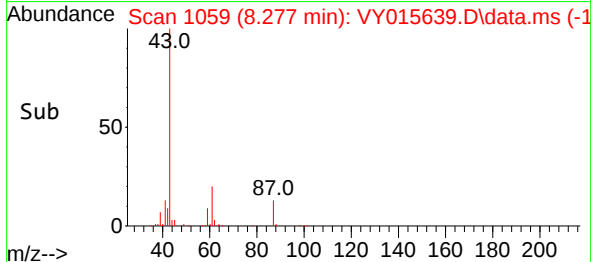
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 85215
Ion Ratio Lower Upper
43 100
61 26.9 21.1 31.7
87 13.4 9.8 14.8

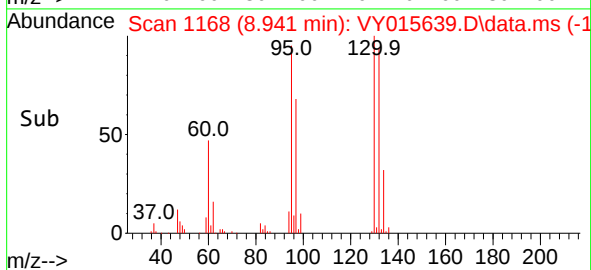
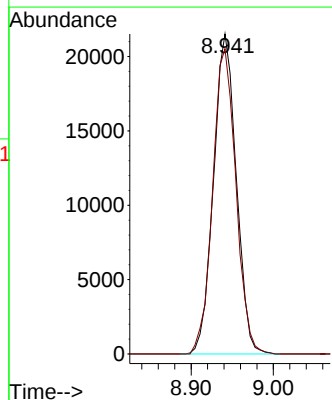
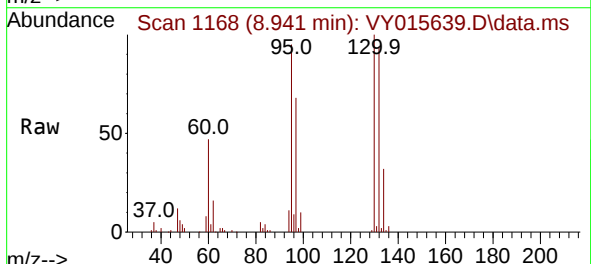
Manual Integrations
APPROVED

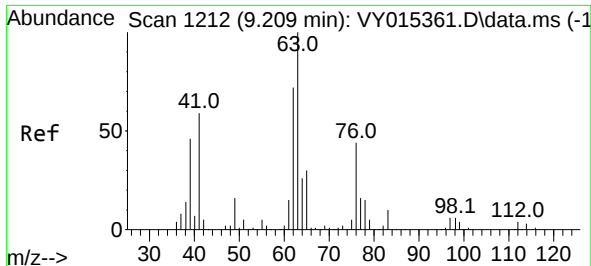
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#44
Trichloroethene
Concen: 19.877 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:130 Resp: 41388
Ion Ratio Lower Upper
130 100
95 95.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.820 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 41200

Ion Ratio Lower Upper

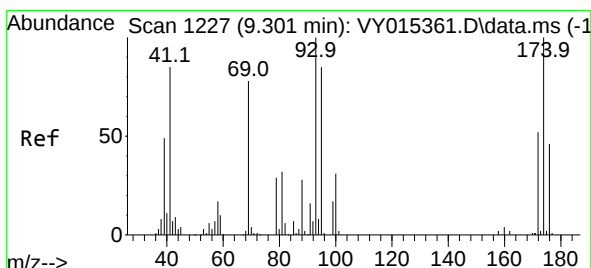
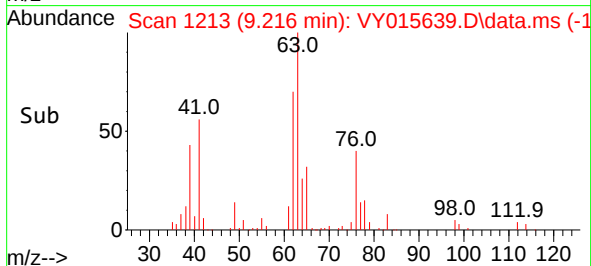
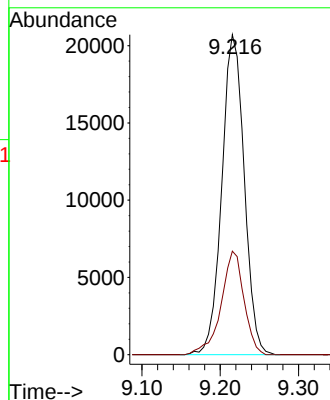
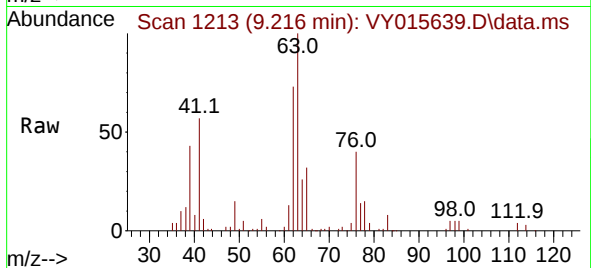
63 100

65 32.4 23.8 35.6

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 19.594 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

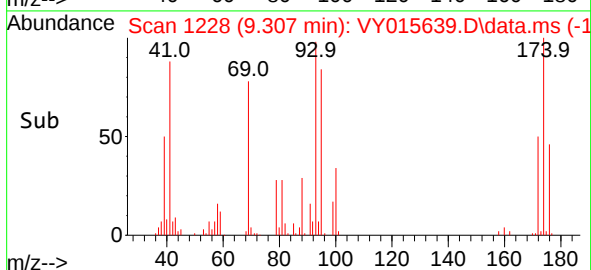
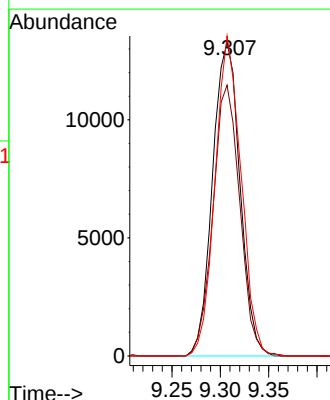
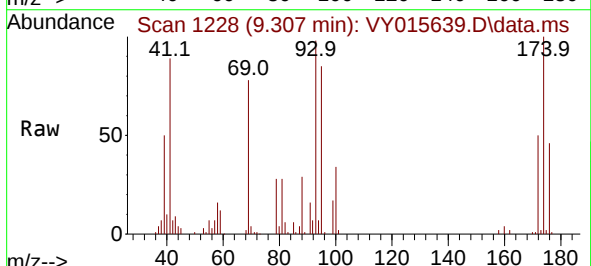
Tgt Ion: 93 Resp: 26057

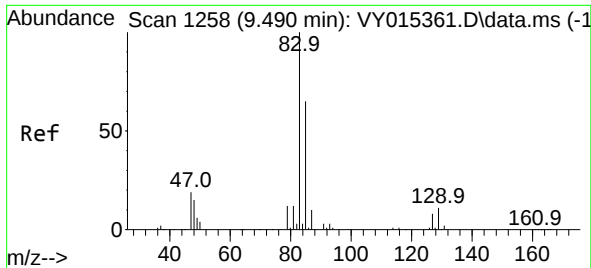
Ion Ratio Lower Upper

93 100

95 84.8 66.6 100.0

174 97.2 84.8 127.2





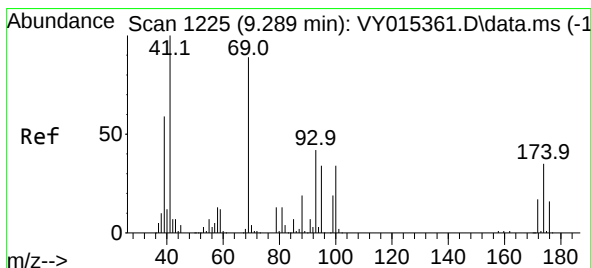
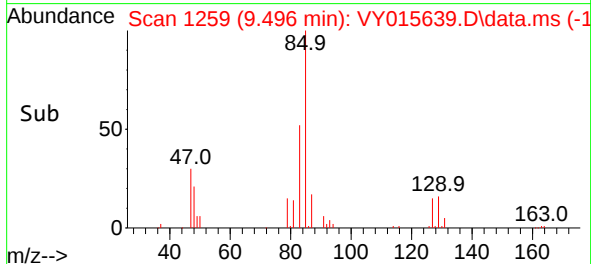
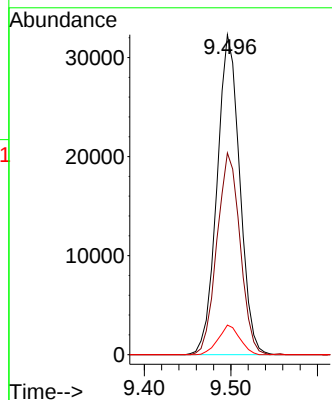
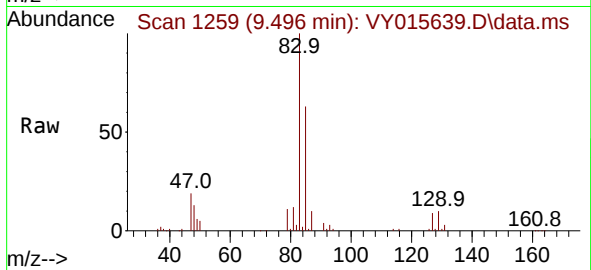
#47
Bromodichloromethane
Concen: 19.827 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5877
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 9.2 7.1 10.7

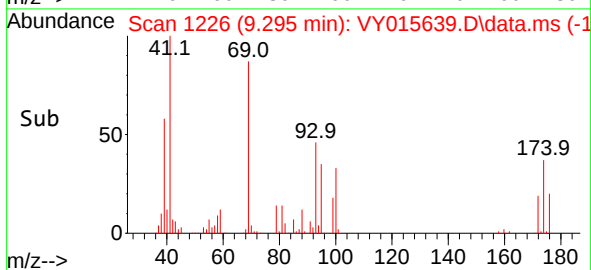
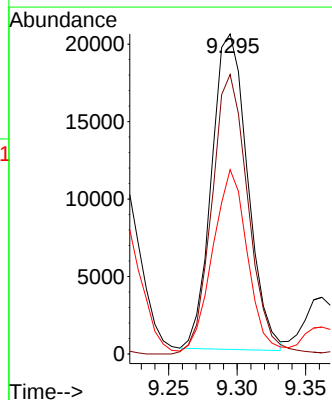
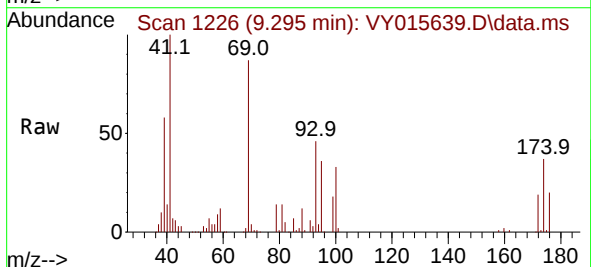
Manual Integrations
APPROVED

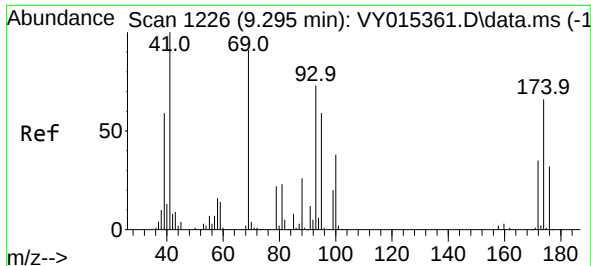
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#48
Methyl methacrylate
Concen: 20.352 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 41 Resp: 37209
Ion Ratio Lower Upper
41 100
69 89.5 64.5 96.7
39 57.2 50.8 76.2





#49

1,4-Dioxane

Concen: 421.660 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 11078

Ion Ratio Lower Upper

88 100

43 27.1 0.0 0.0

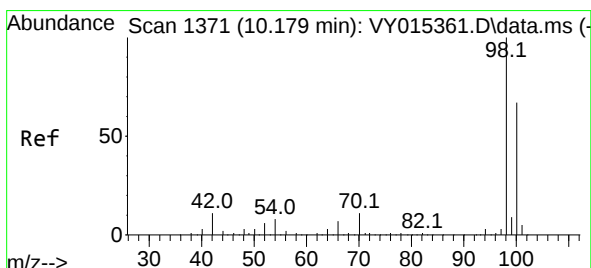
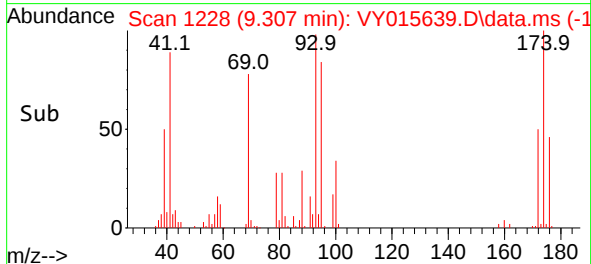
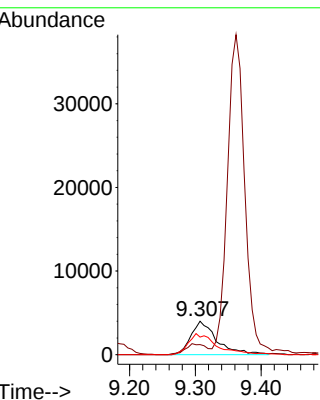
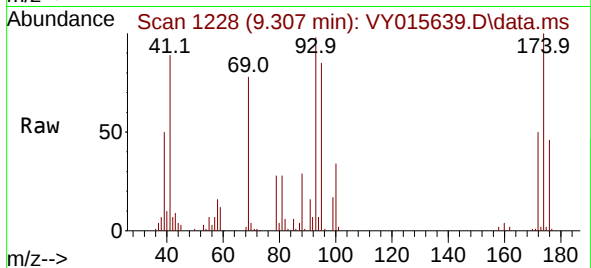
58 67.2 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#50

Toluene-d8

Concen: 22.970 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015639.D

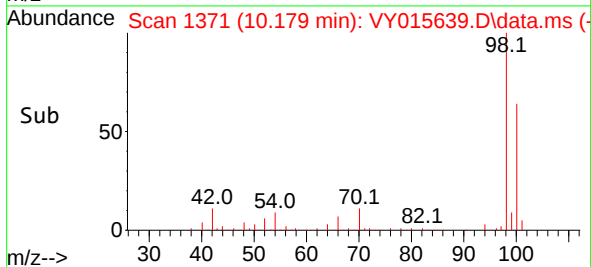
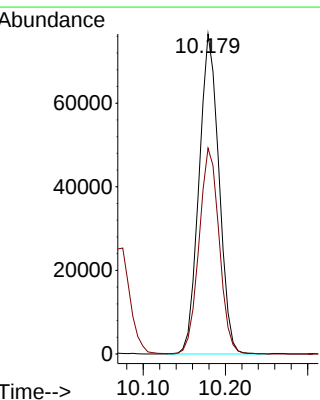
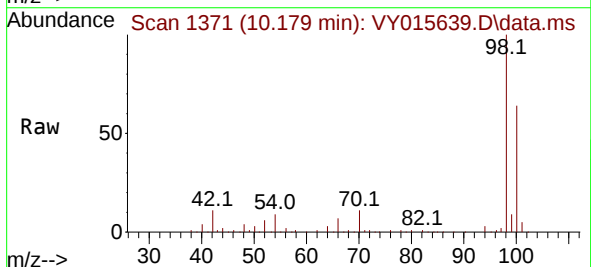
Acq: 19 Sep 2023 12:26

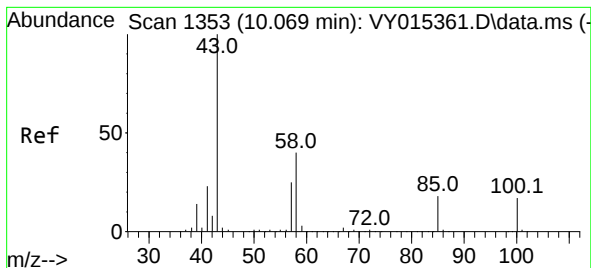
Tgt Ion: 98 Resp: 128766

Ion Ratio Lower Upper

98 100

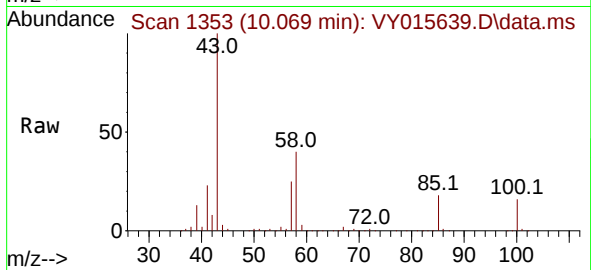
100 65.2 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 104.980 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

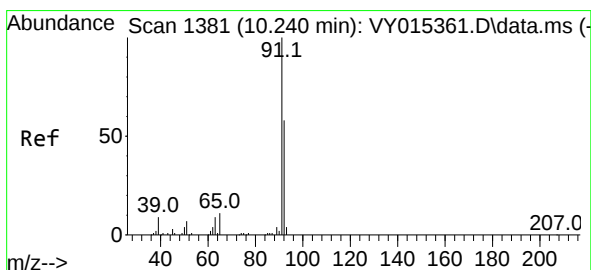
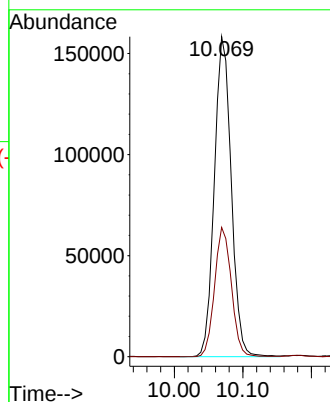
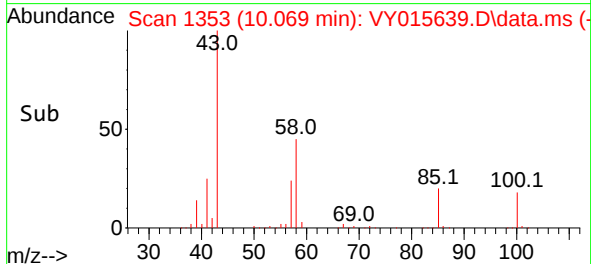
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 271024
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6

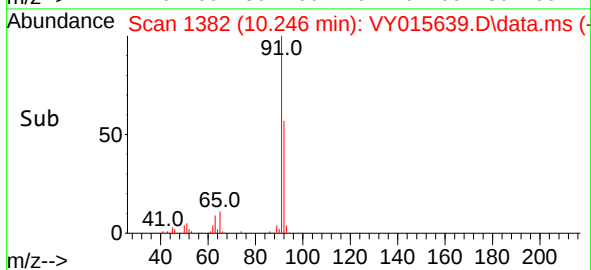
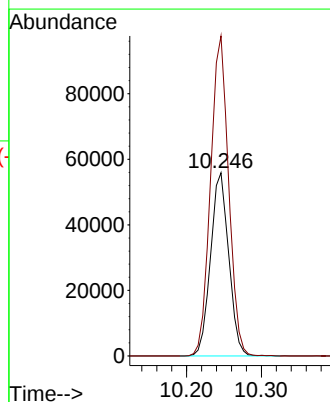
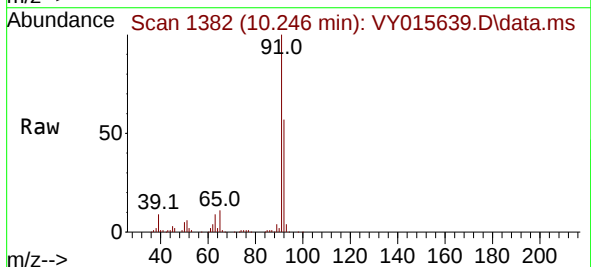
Manual Integrations
APPROVED

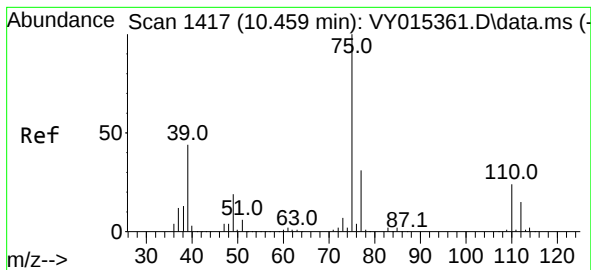
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#52
Toluene
Concen: 19.625 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

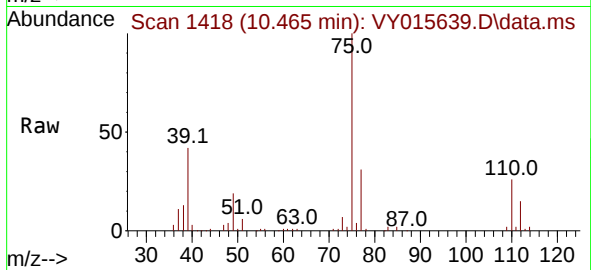
Tgt Ion: 92 Resp: 94319
Ion Ratio Lower Upper
92 100
91 174.1 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 19.769 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

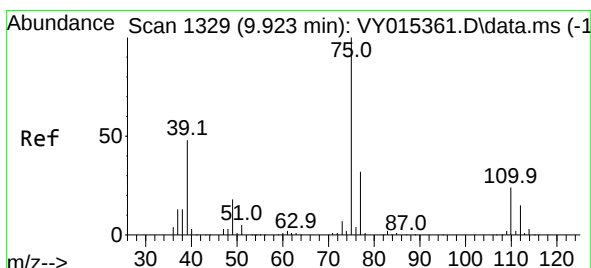
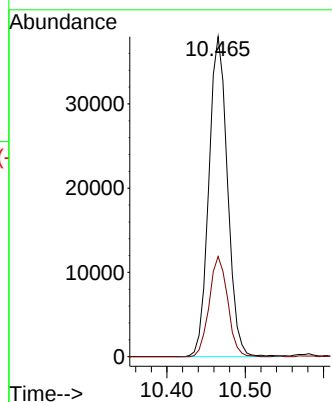
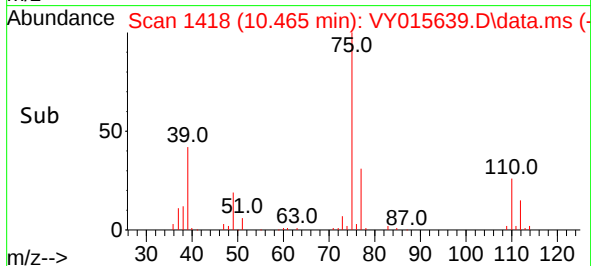
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 62840
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4

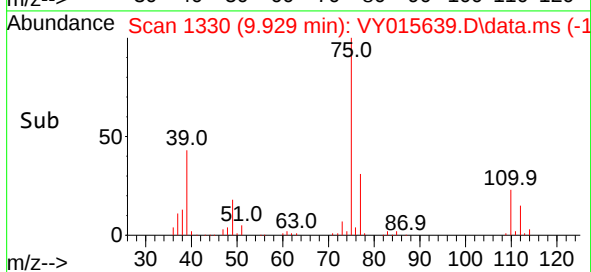
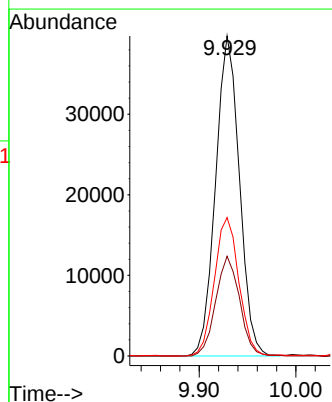
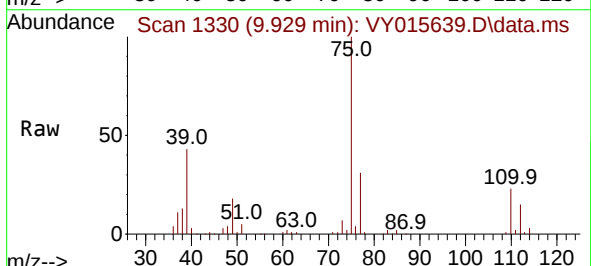
Manual Integrations
 APPROVED

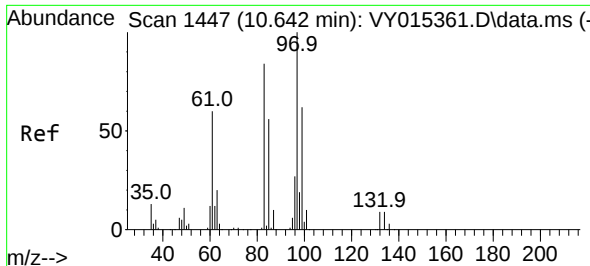
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.851 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

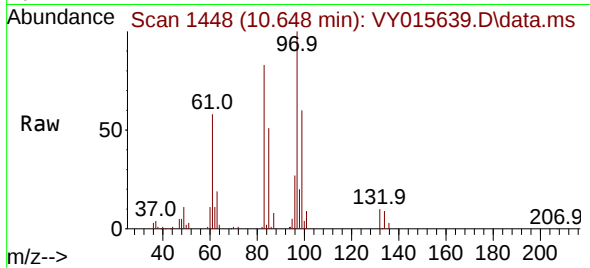
Tgt Ion: 75 Resp: 67924
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 43.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.399 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

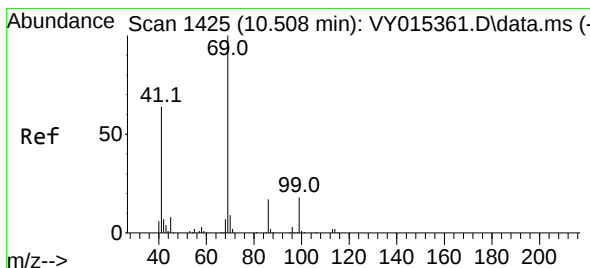
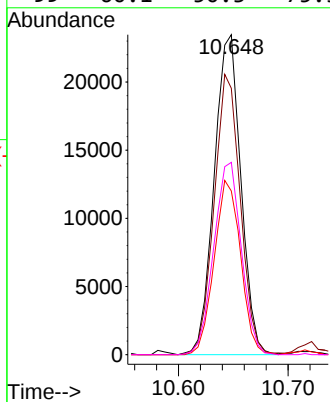
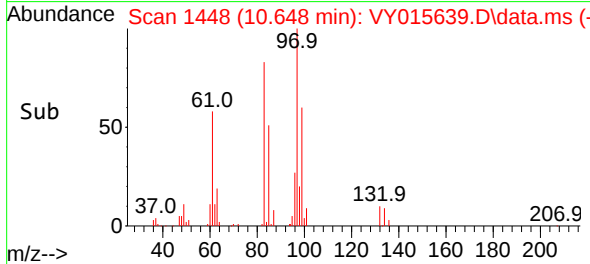
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	39754
Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	51.2	45.4	68.0
99	60.1	50.3	75.5

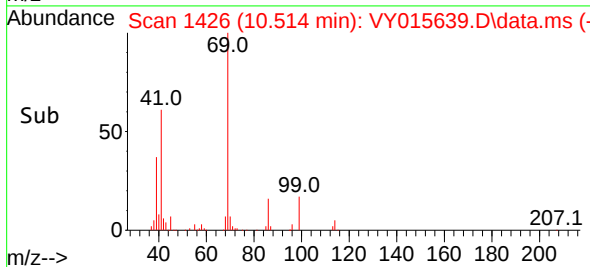
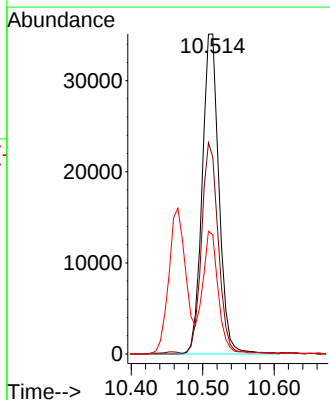
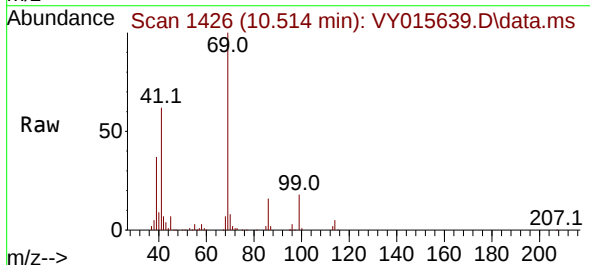
Manual Integrations
APPROVED

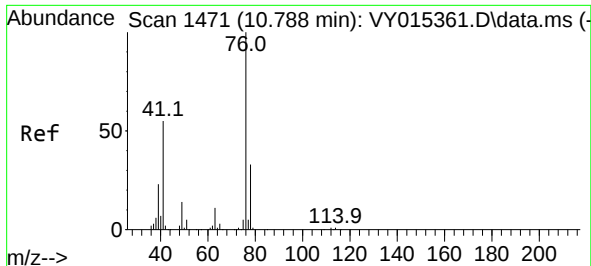
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#56
Ethyl methacrylate
Concen: 19.918 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:	69	Resp:	57204
Ion	Ratio	Lower	Upper
69	100		
41	65.5	57.6	86.4
39	35.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.006 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 65384

Ion Ratio Lower Upper

76 100

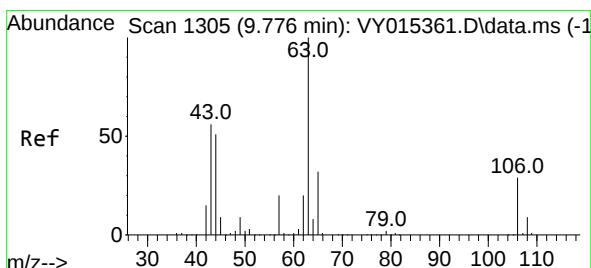
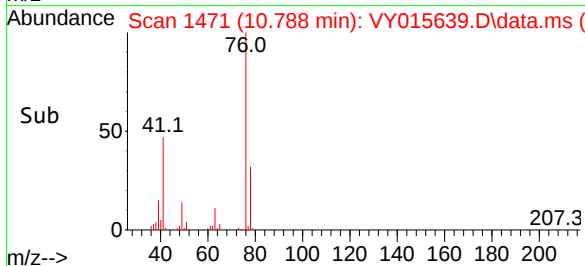
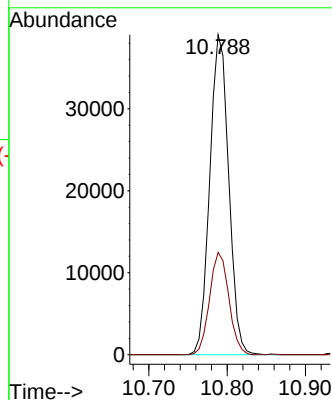
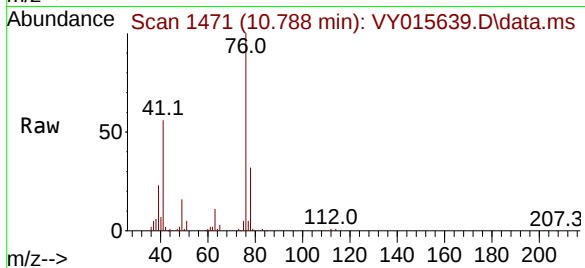
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 107.238 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015639.D

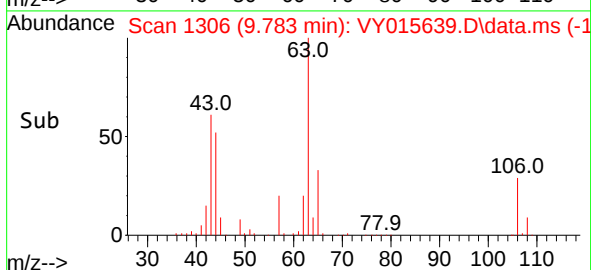
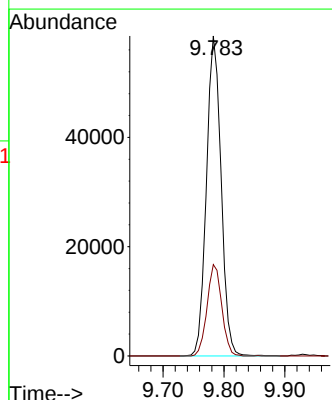
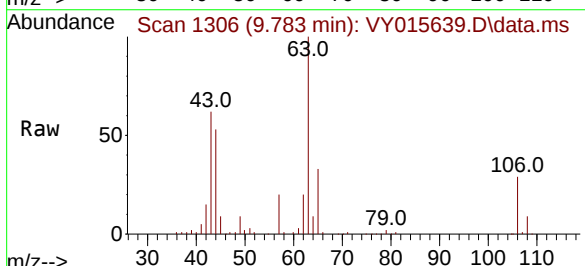
Acq: 19 Sep 2023 12:26

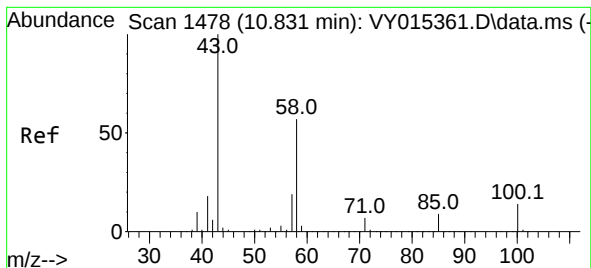
Tgt Ion: 63 Resp: 97831

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8





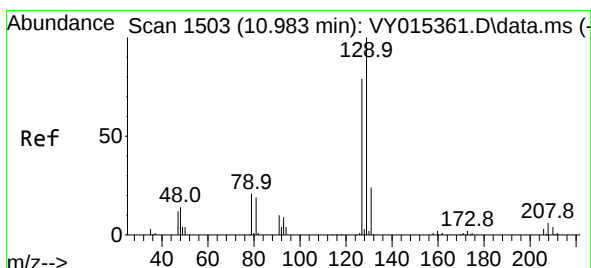
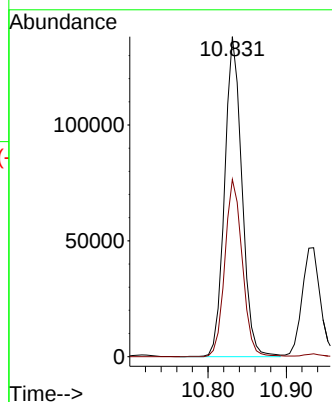
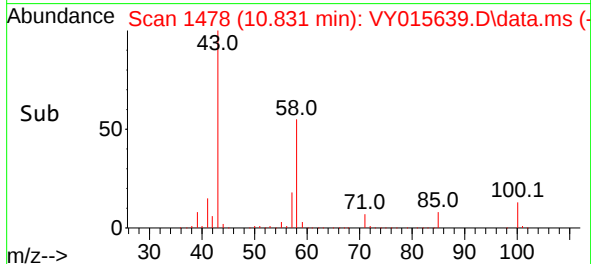
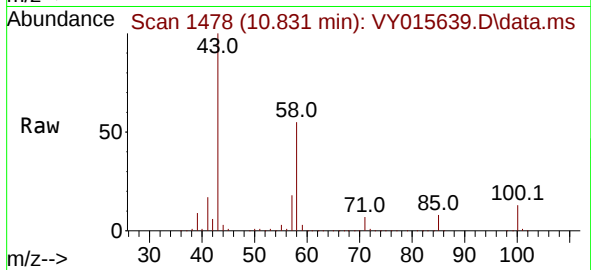
#59
2-Hexanone
Concen: 107.445 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 212810
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3

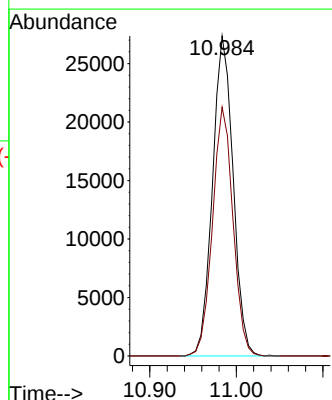
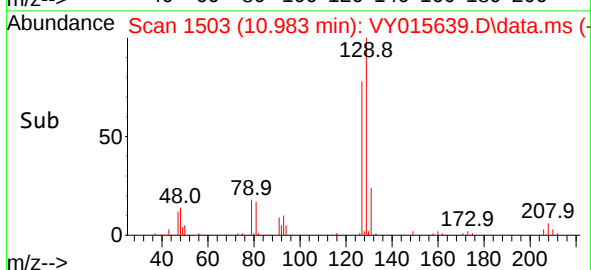
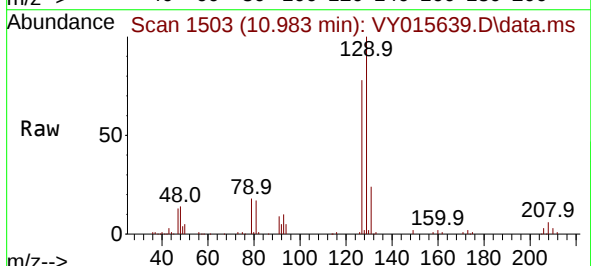
Manual Integrations
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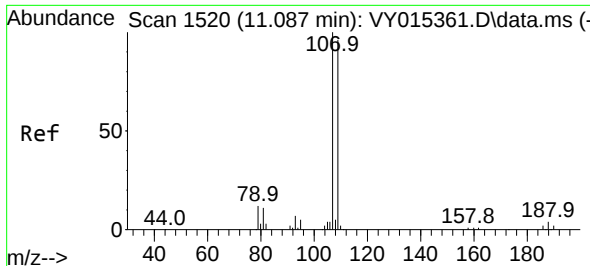
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#60
Dibromochloromethane
Concen: 19.859 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:129 Resp: 45178
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





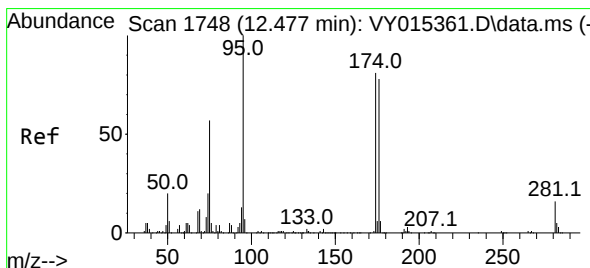
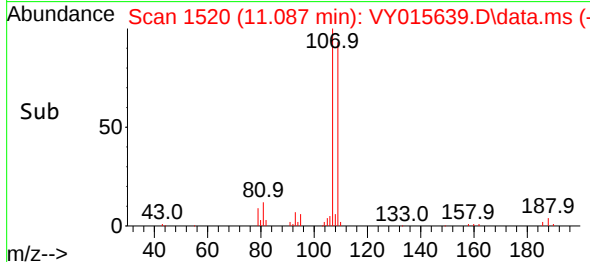
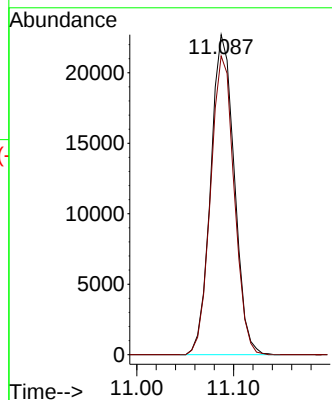
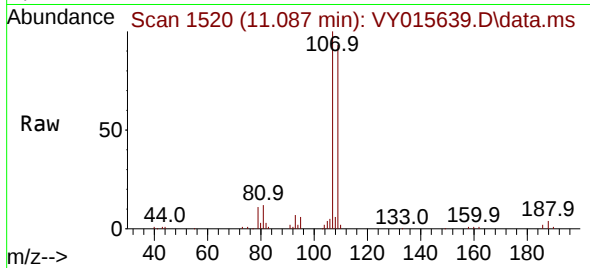
#61
1,2-Dibromoethane
Concen: 20.194 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 107 Resp: 3850
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

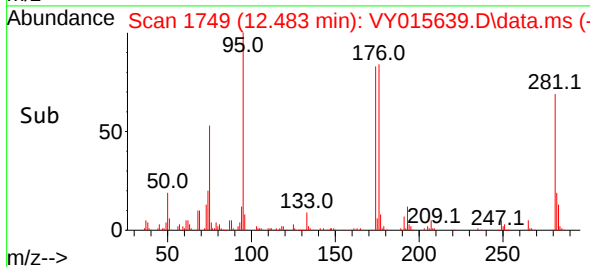
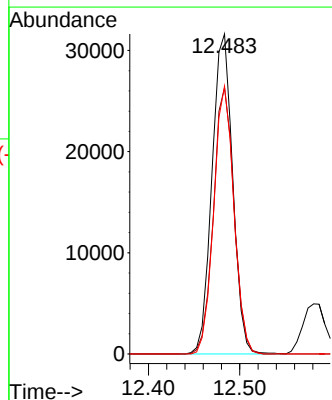
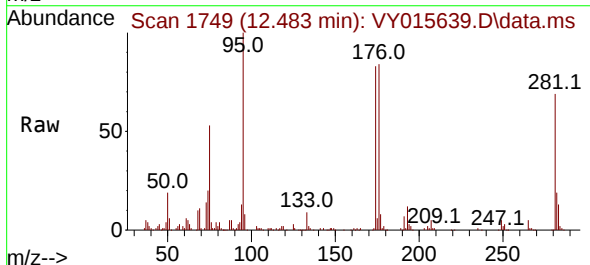
Manual Integrations
APPROVED

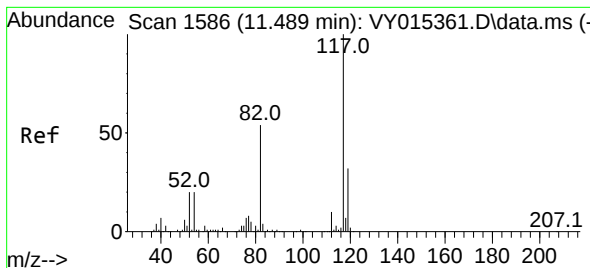
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#62
4-Bromofluorobenzene
Concen: 22.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 95 Resp: 49618
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 253209

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

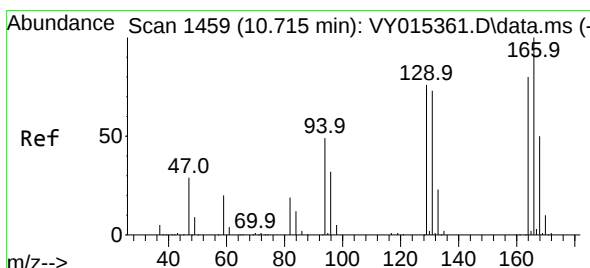
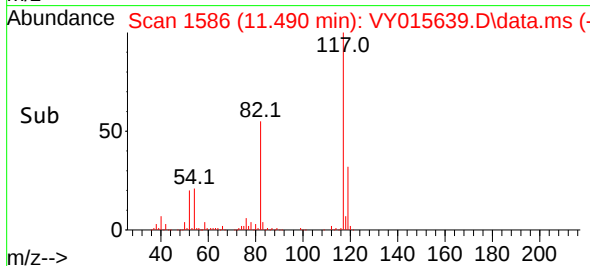
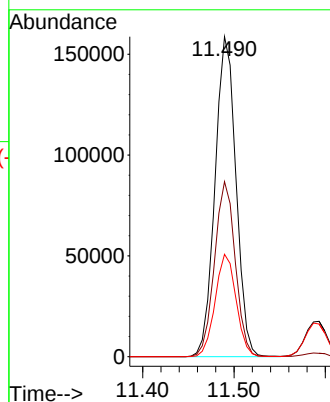
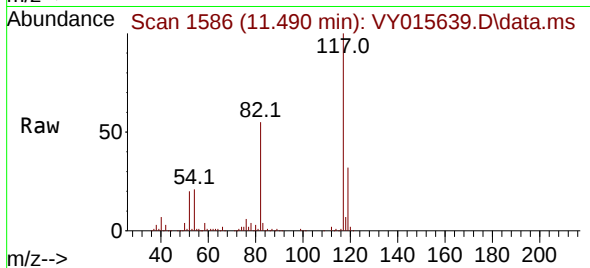
119 32.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#64

Tetrachloroethene

Concen: 20.325 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Tgt Ion:164 Resp: 44155

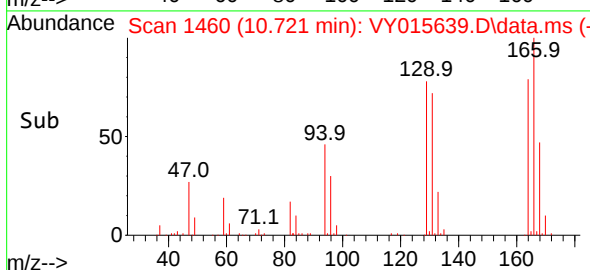
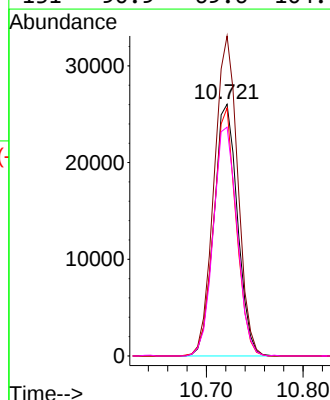
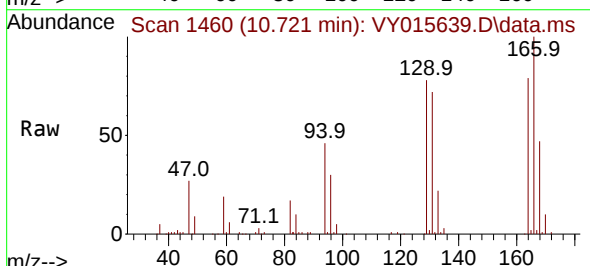
Ion Ratio Lower Upper

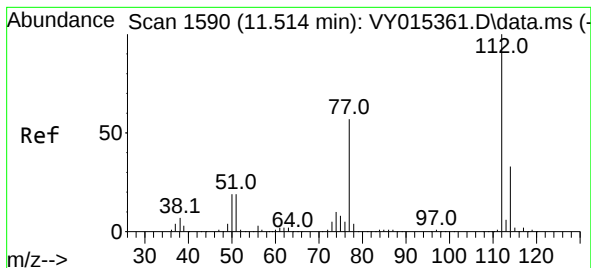
164 100

166 127.1 103.0 154.6

129 98.6 77.2 115.8

131 90.9 69.6 104.4





#65

Chlorobenzene

Concen: 19.764 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:112 Resp: 109238

Ion Ratio Lower Upper

112 100

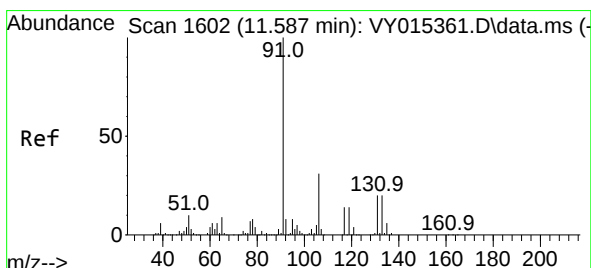
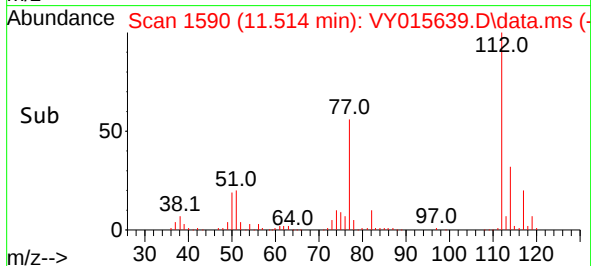
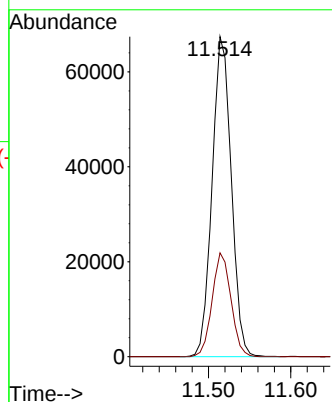
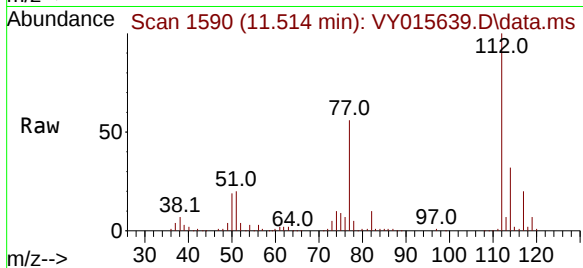
114 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 19.830 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

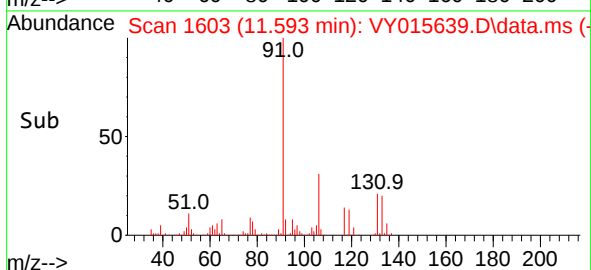
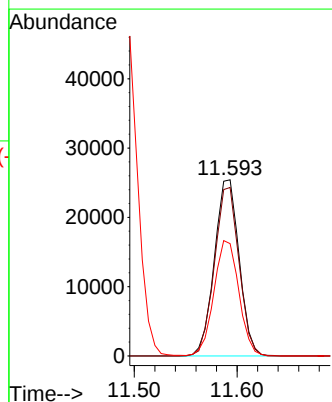
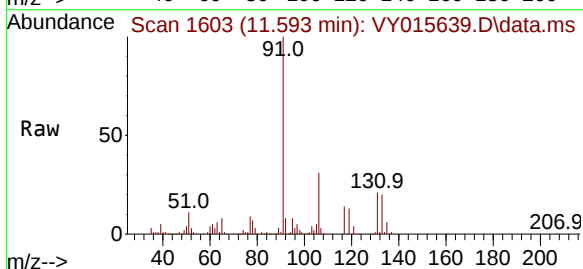
Tgt Ion:131 Resp: 42574

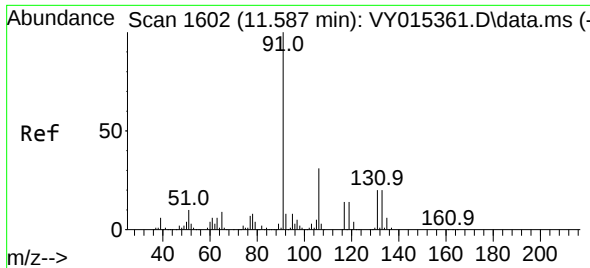
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.6

119 66.0 31.6 94.7





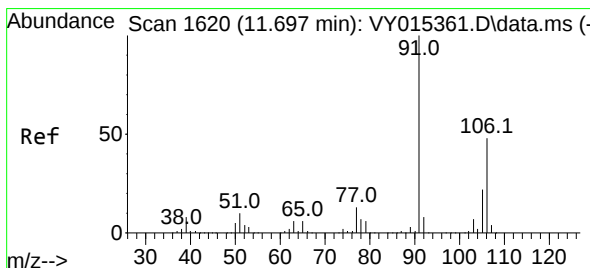
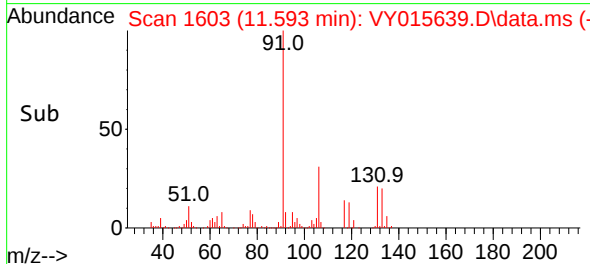
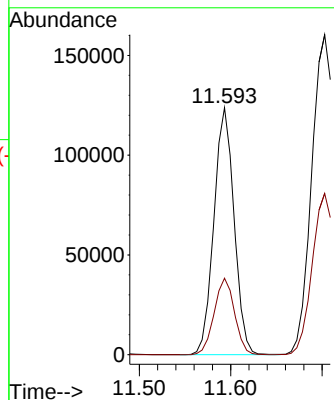
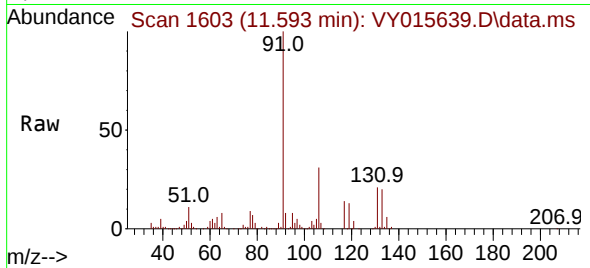
#67
Ethyl Benzene
Concen: 19.638 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 189710
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

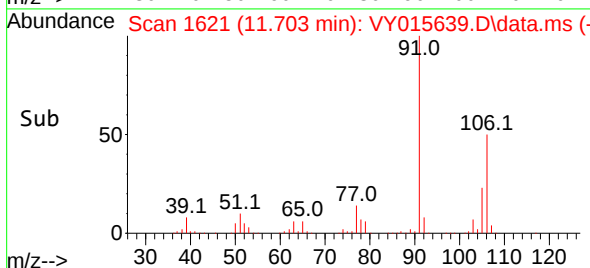
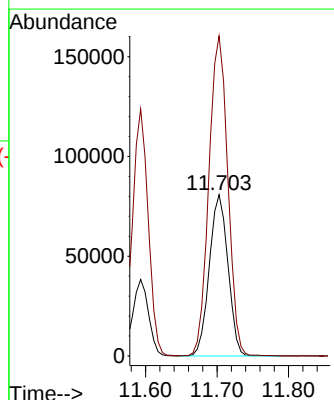
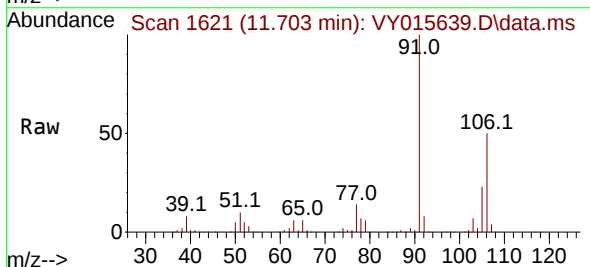
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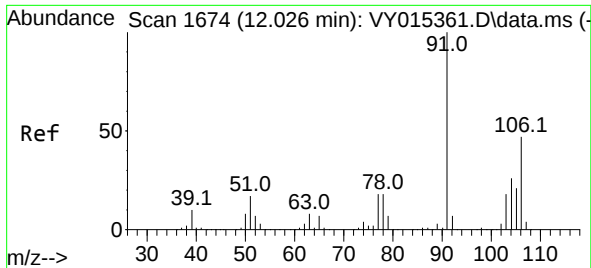
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#68
m/p-Xylenes
Concen: 39.834 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:106 Resp: 146267
Ion Ratio Lower Upper
106 100
91 201.7 166.1 249.1





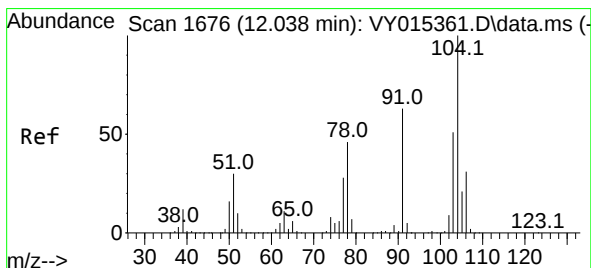
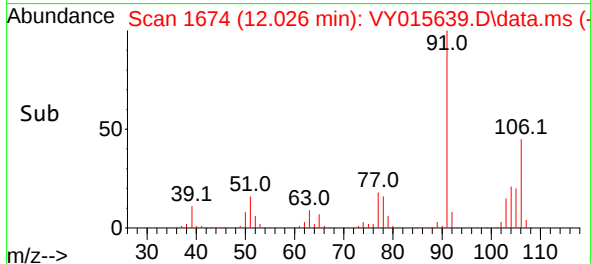
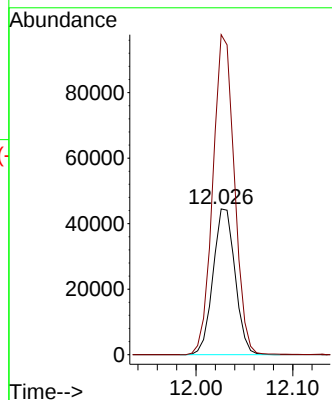
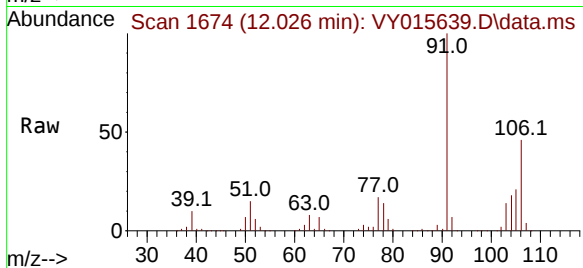
#69
o-Xylene
Concen: 19.540 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 70354
Ion Ratio Lower Upper
106 100
91 214.9 108.1 324.3

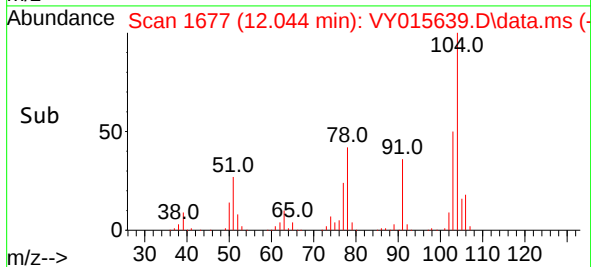
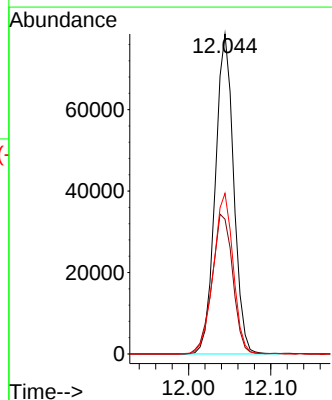
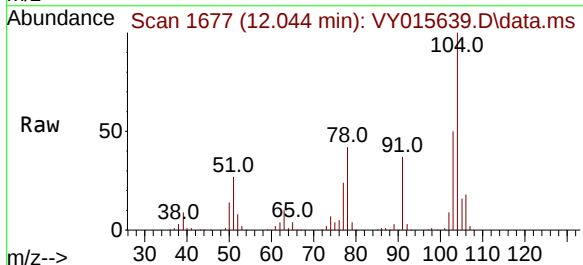
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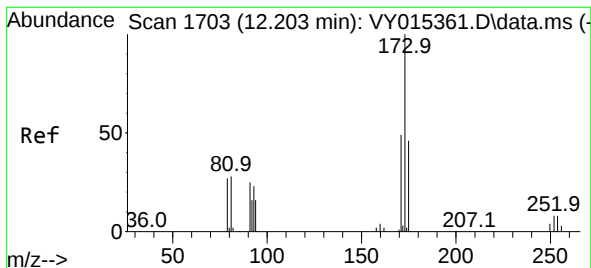
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#70
Styrene
Concen: 19.804 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:104 Resp: 122052
Ion Ratio Lower Upper
104 100
78 49.3 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 19.831 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 3085

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

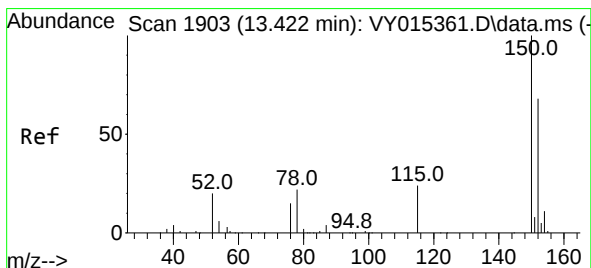
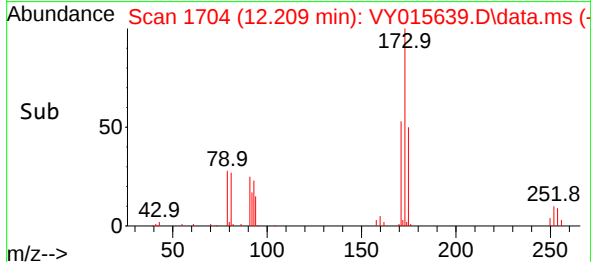
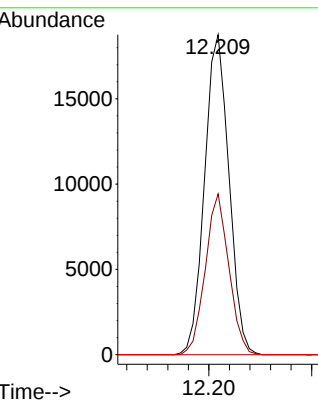
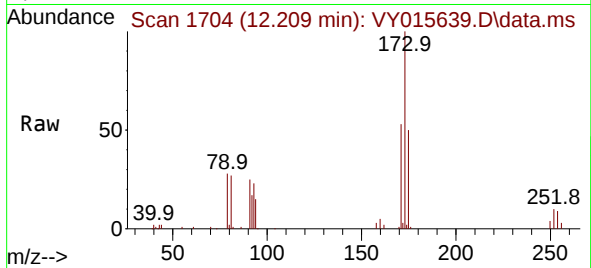
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

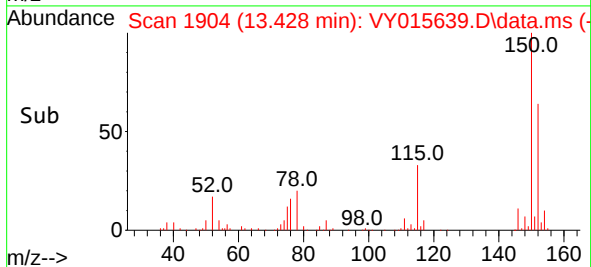
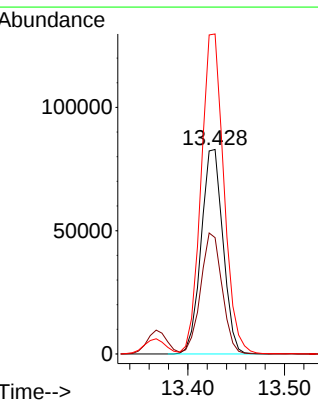
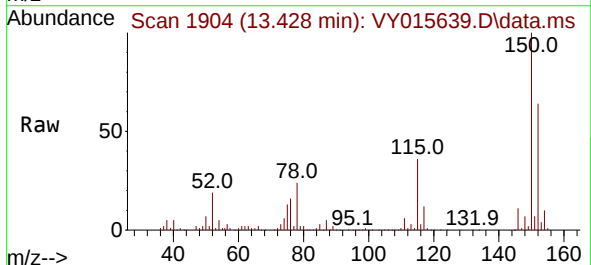
Tgt Ion:152 Resp: 130113

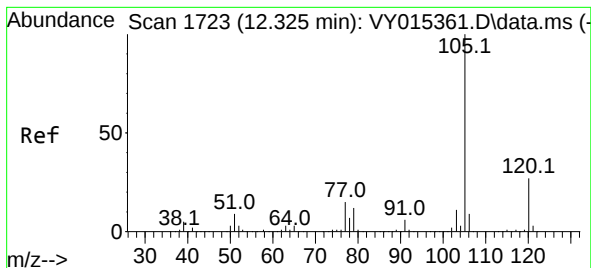
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 162.9 0.0 348.8





#73

Isopropylbenzene

Concen: 19.407 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 18942

Ion Ratio Lower Upper

105 100

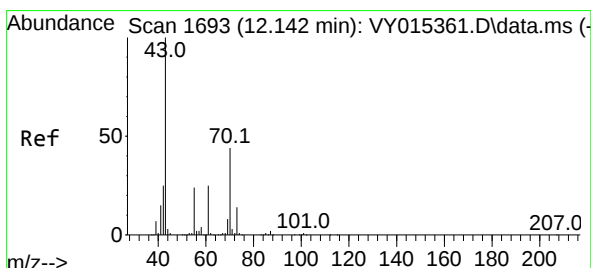
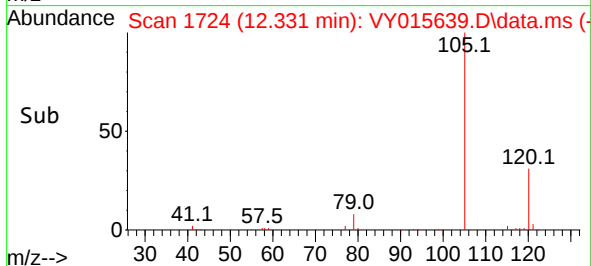
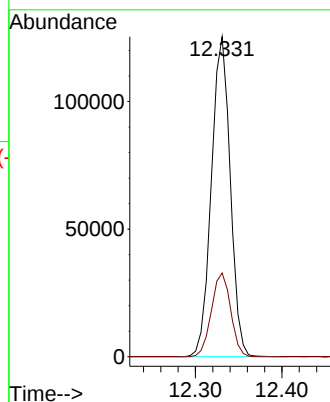
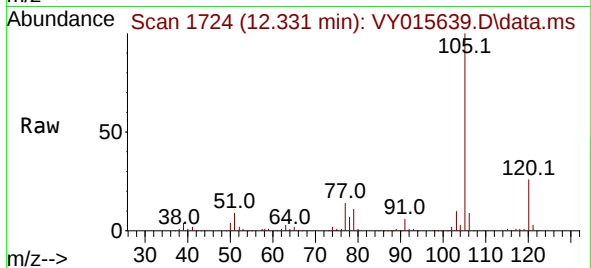
120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#74

N-ethyl acetate

Concen: 20.031 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Tgt Ion: 43 Resp: 73486

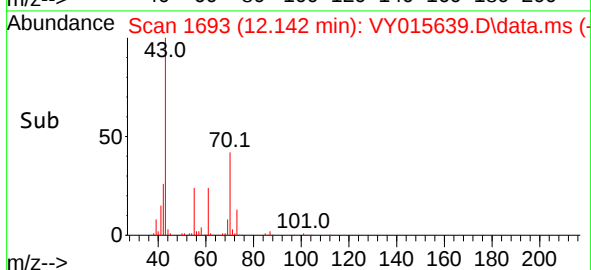
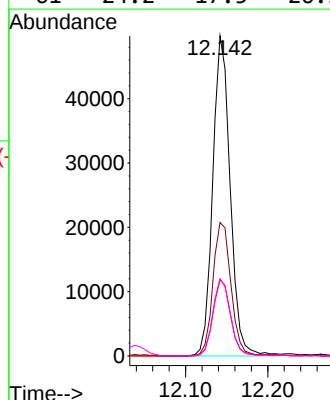
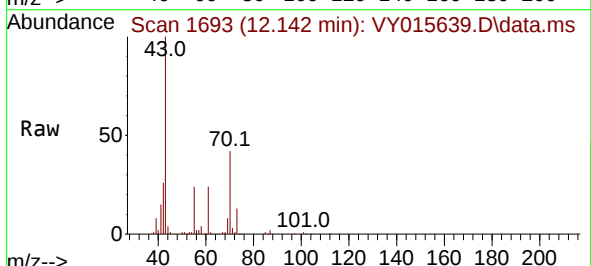
Ion Ratio Lower Upper

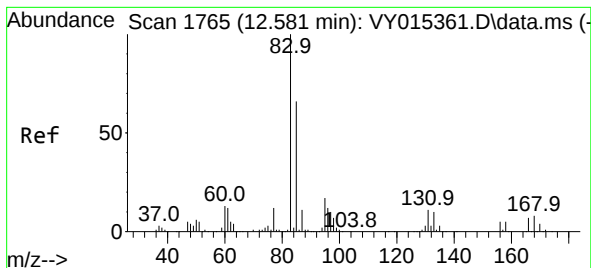
43 100

70 43.5 29.7 44.5

55 24.2 18.3 27.5

61 24.2 17.5 26.3





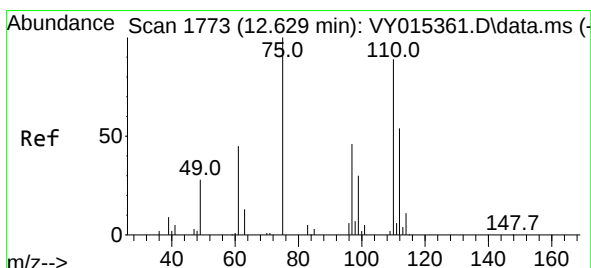
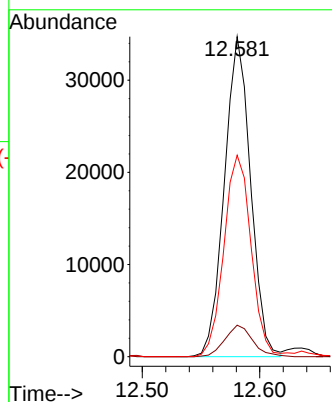
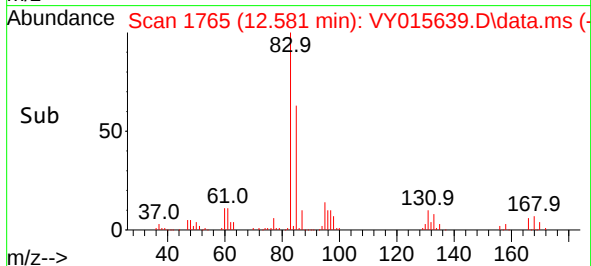
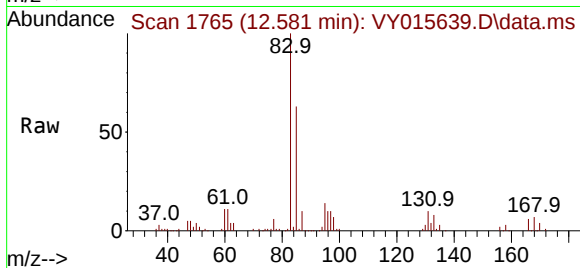
#75
1,1,2,2-Tetrachloroethane
Concen: 19.825 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 5385
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 65.3 31.8 95.4

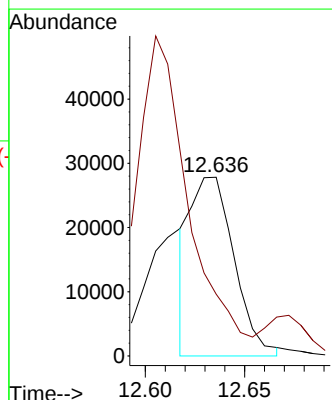
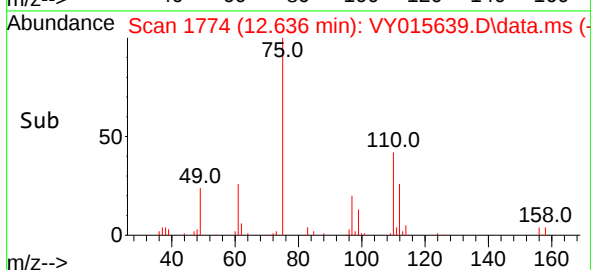
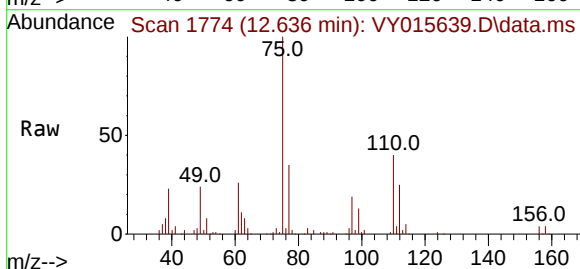
Manual Integrations
APPROVED

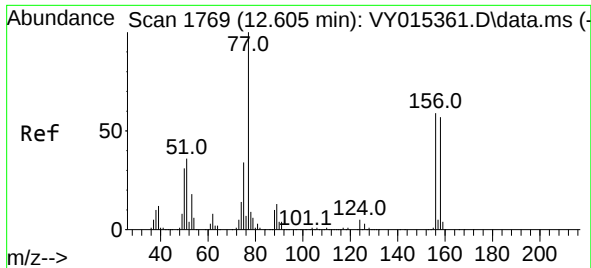
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#76
1,2,3-Trichloropropane
Concen: 19.549 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 75 Resp: 42601
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





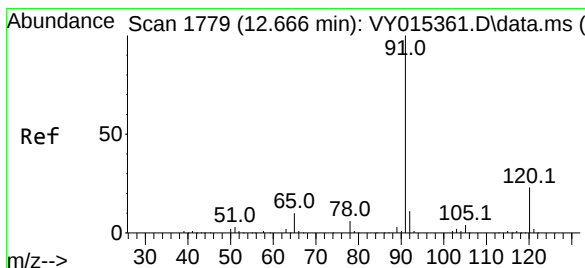
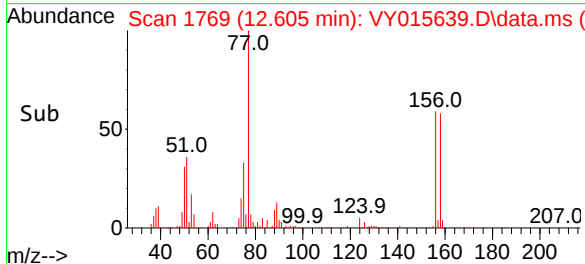
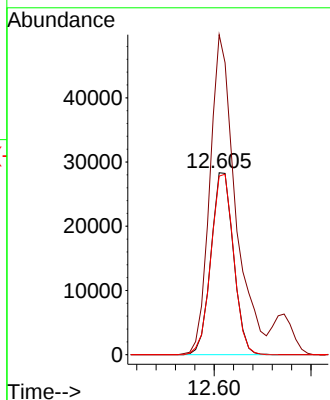
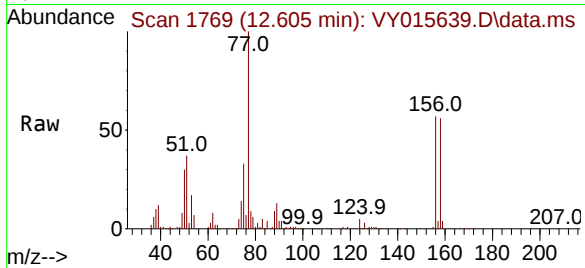
#77
Bromobenzene
Concen: 19.120 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 45810
Ion Ratio Lower Upper
156 100
77 199.9 92.8 278.6
158 99.7 48.4 145.3

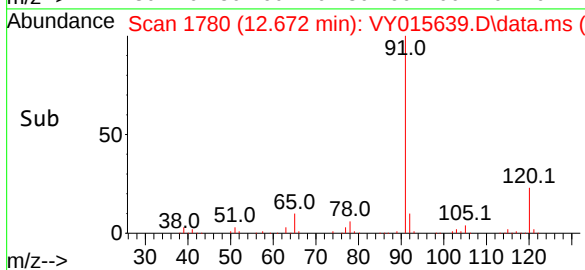
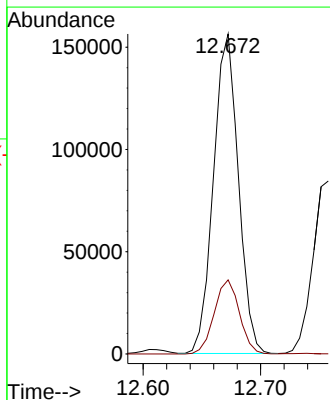
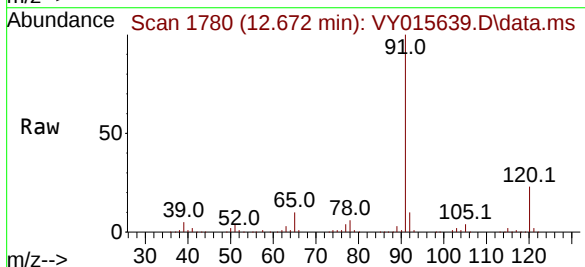
Manual Integrations
APPROVED

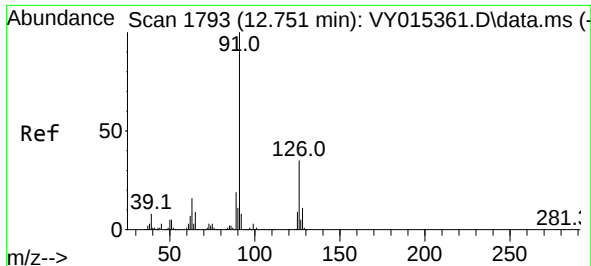
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#78
n-propylbenzene
Concen: 19.393 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 91 Resp: 229965
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.339 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 13071

Ion Ratio Lower Upper

91 100

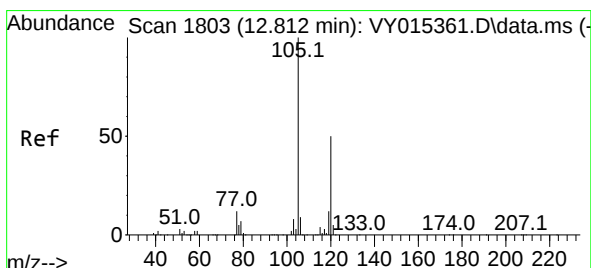
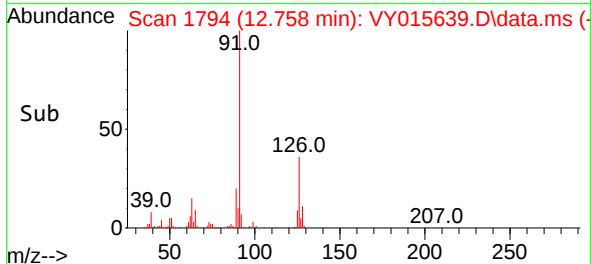
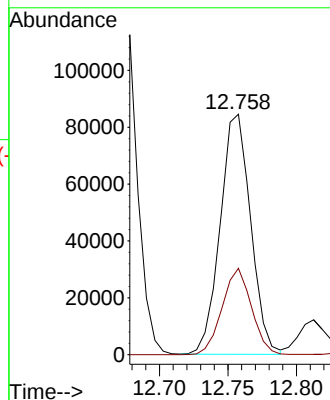
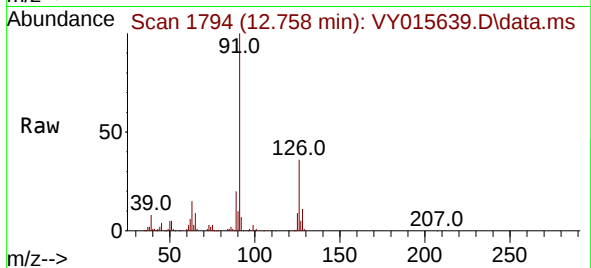
126 34.7 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023

Supervised By :Semsettin Yesilyurt 09/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.487 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015639.D

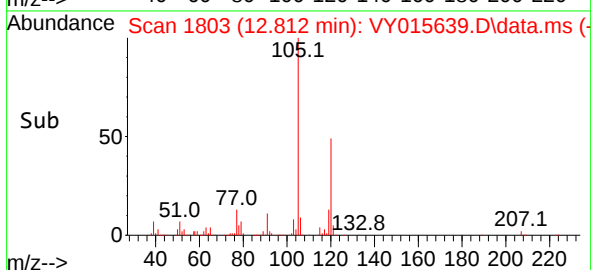
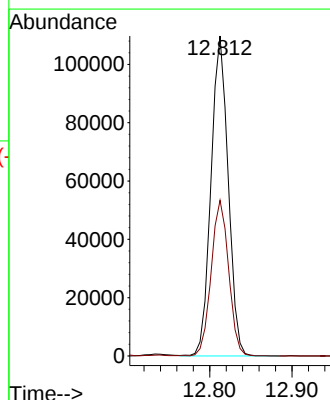
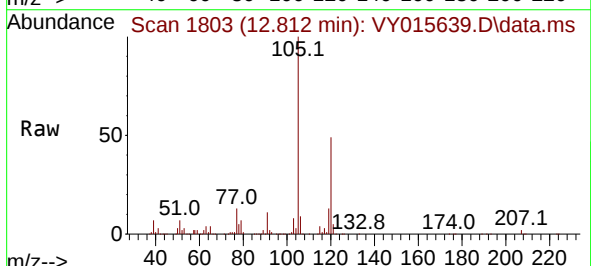
Acq: 19 Sep 2023 12:26

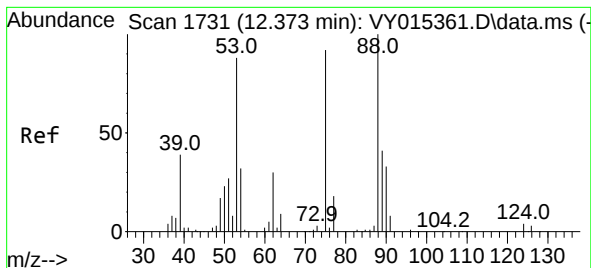
Tgt Ion:105 Resp: 159233

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7





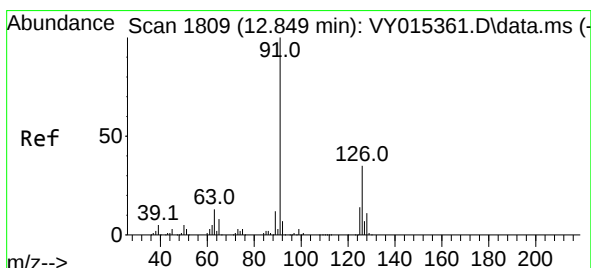
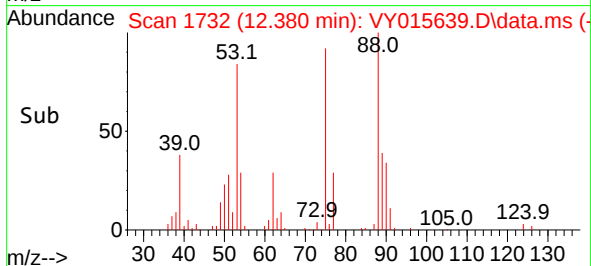
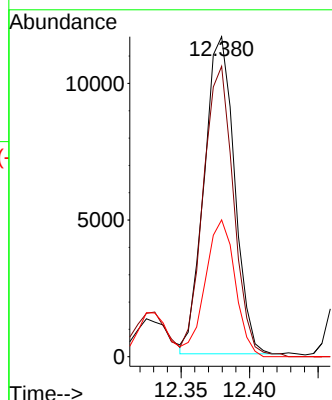
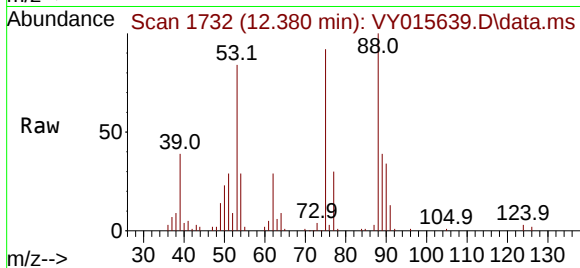
#81
trans-1,4-Dichloro-2-butene
Concen: 19.389 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 17872
Ion Ratio Lower Upper
75 100
53 91.7 77.8 116.8
89 42.5 37.4 56.0

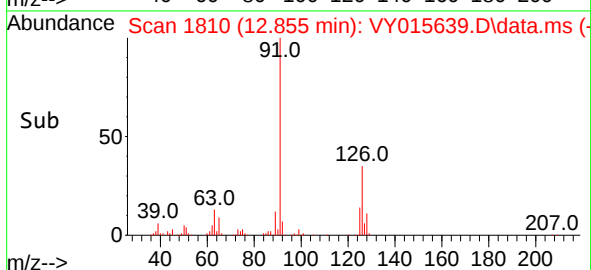
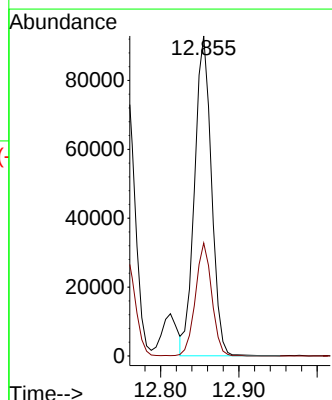
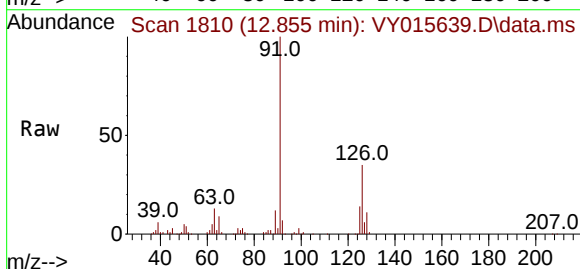
Manual Integrations
APPROVED

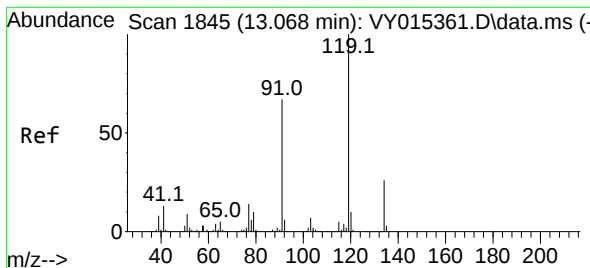
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#82
4-Chlorotoluene
Concen: 19.699 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion: 91 Resp: 138998
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.402 ug/l

RT: 13.075 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

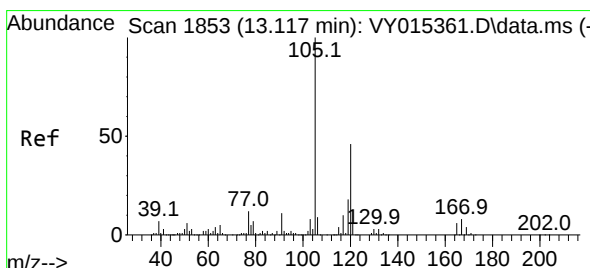
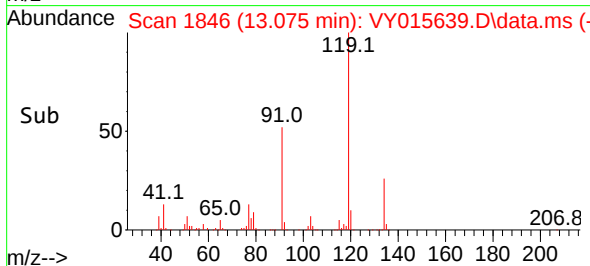
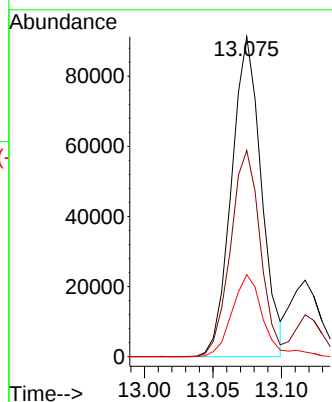
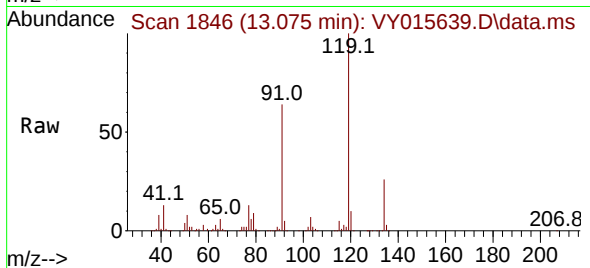
VSTDICC020

Tgt Ion:	119	Resp:	13885
Ion Ratio	Lower	Upper	
119	100		
91	64.2	32.9	98.6
134	26.8	13.0	38.9

Manual Integrations

APPROVED

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



#84

1,2,4-Trimethylbenzene

Concen: 19.729 ug/l

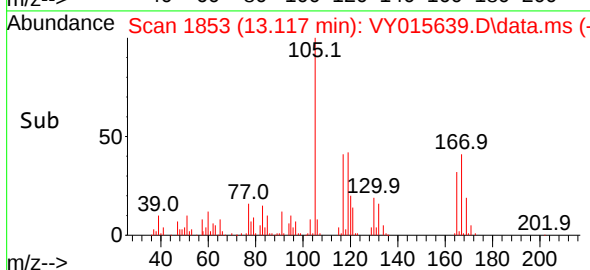
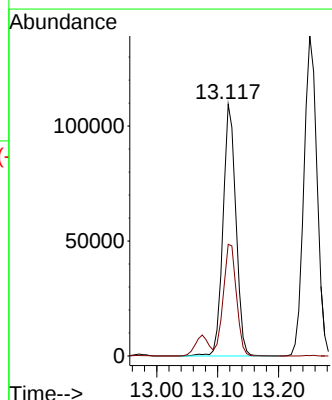
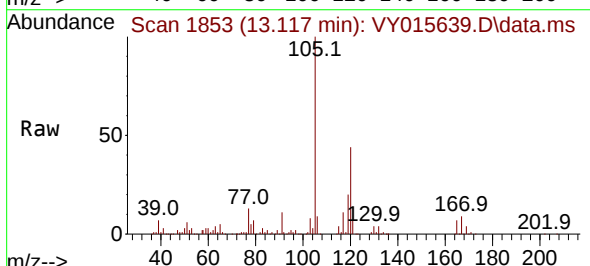
RT: 13.117 min Scan# 1853

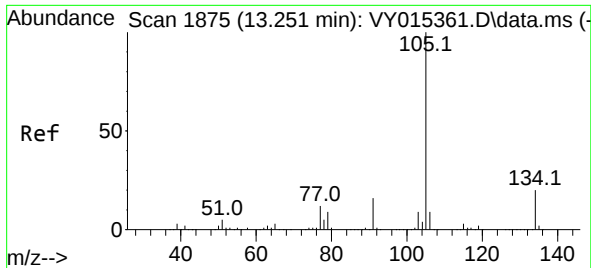
Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

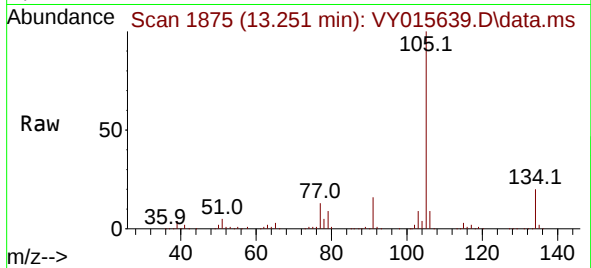
Tgt Ion:	105	Resp:	161301
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.2	66.6





#85
 sec-Butylbenzene
 Concen: 19.481 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26

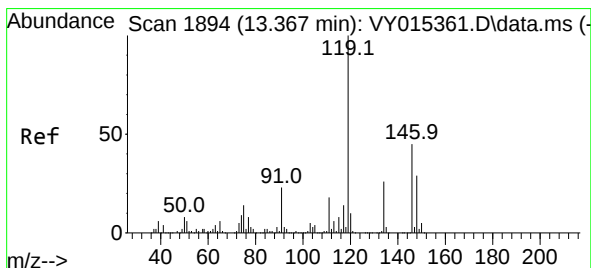
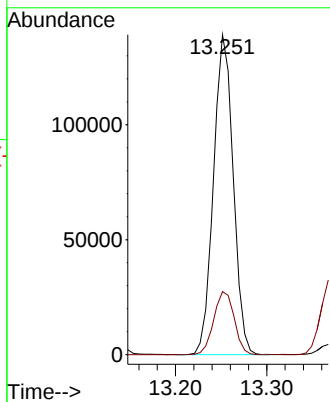
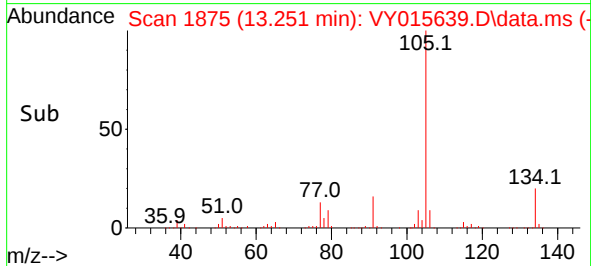
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



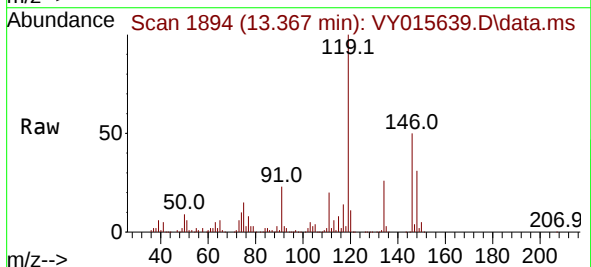
Tgt Ion:105 Resp: 208650
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

Manual Integrations
 APPROVED

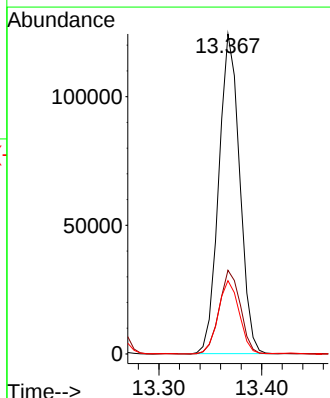
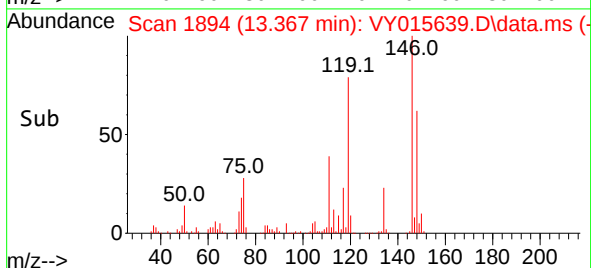
Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

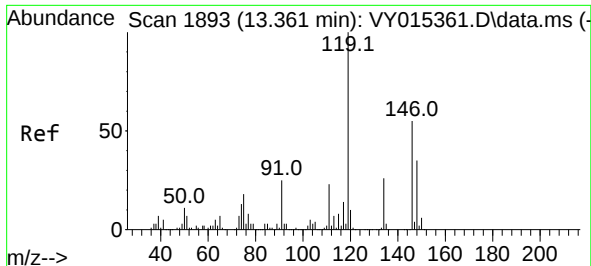


#86
 p-Isopropyltoluene
 Concen: 19.571 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015639.D
 Acq: 19 Sep 2023 12:26



Tgt Ion:119 Resp: 175092
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.1 12.4 37.4





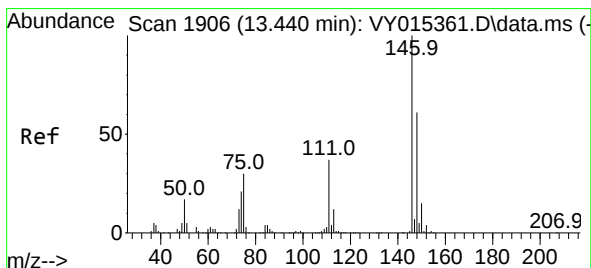
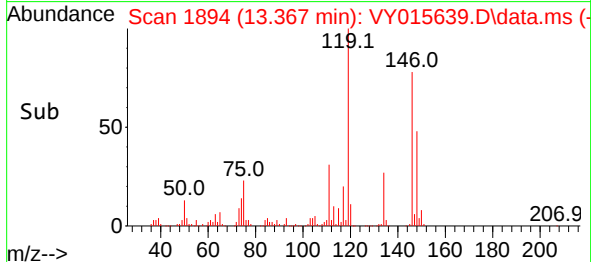
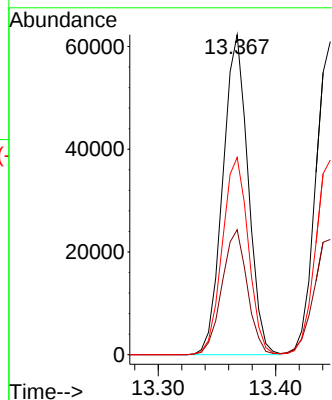
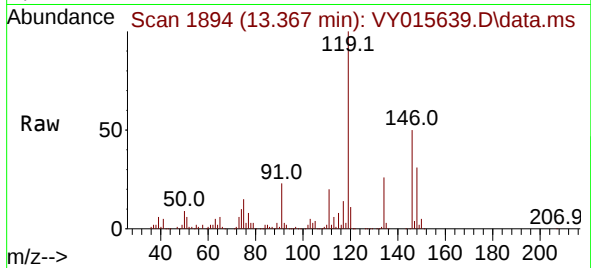
#87
1,3-Dichlorobenzene
Concen: 19.580 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 93070
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.4 31.9 95.5

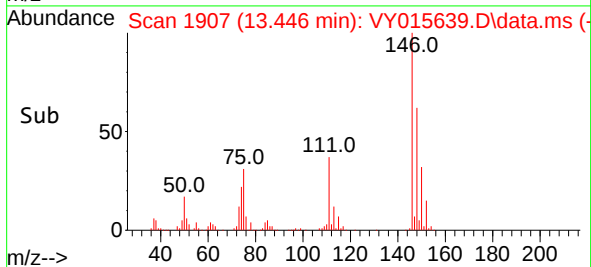
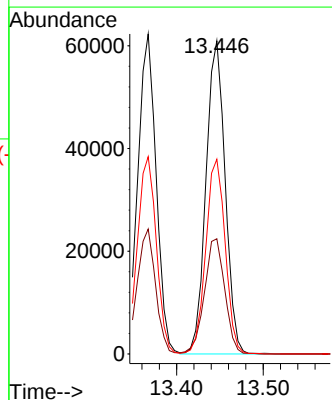
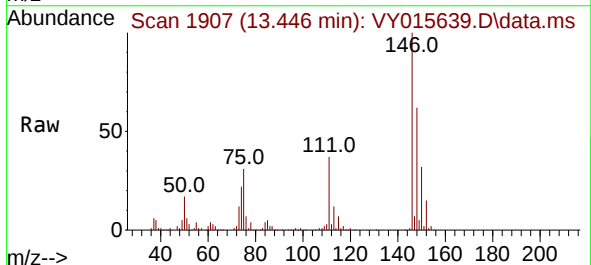
Manual Integrations
APPROVED

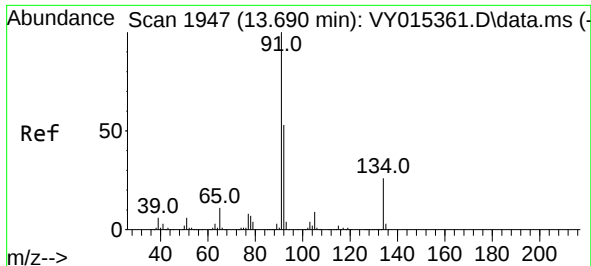
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#88
1,4-Dichlorobenzene
Concen: 19.726 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:146 Resp: 93774
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.7
148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 19.779 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

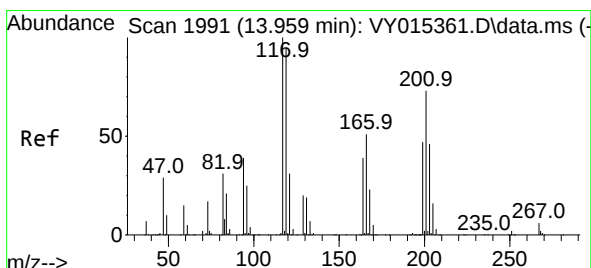
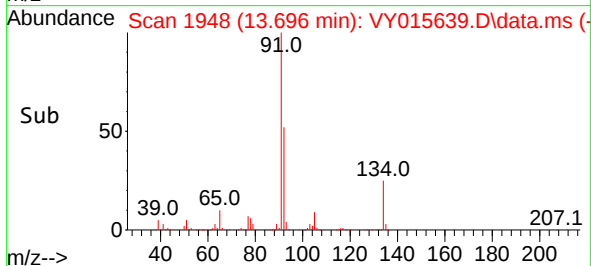
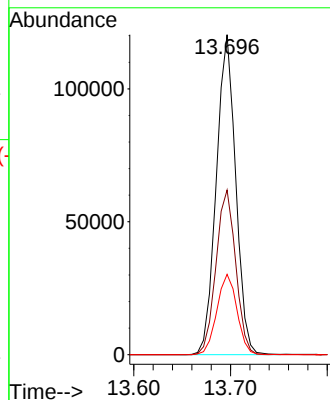
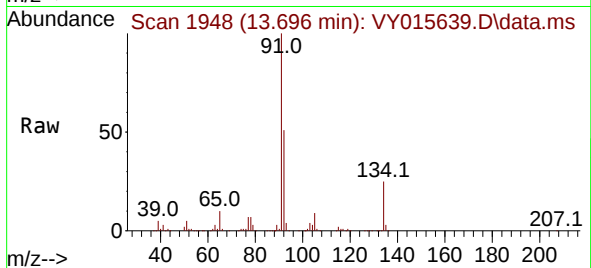
VSTDICC020

Tgt Ion: 91	Resp: 16756
Ion Ratio	Lower Upper
91	100
92	52.4 25.4 76.0
134	26.1 12.6 37.6

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 18.944 ug/l

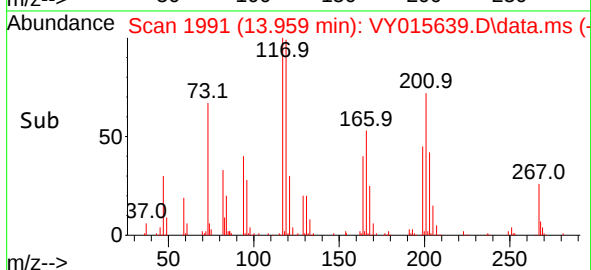
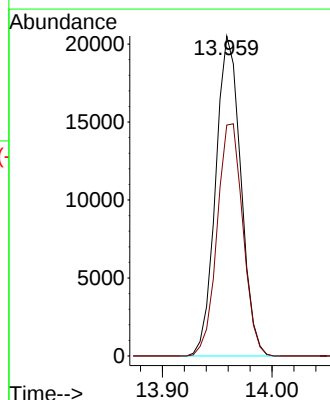
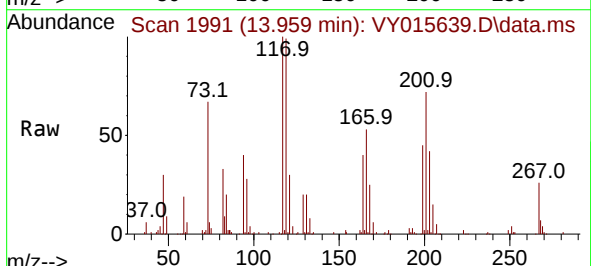
RT: 13.959 min Scan# 1991

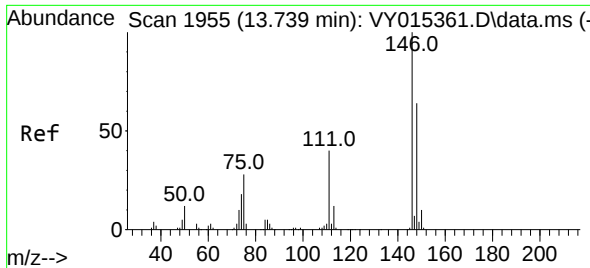
Delta R.T. 0.000 min

Lab File: VY015639.D

Acq: 19 Sep 2023 12:26

Tgt Ion:117	Resp: 32709
Ion Ratio	Lower Upper
117	100
201	74.4 41.6 124.8





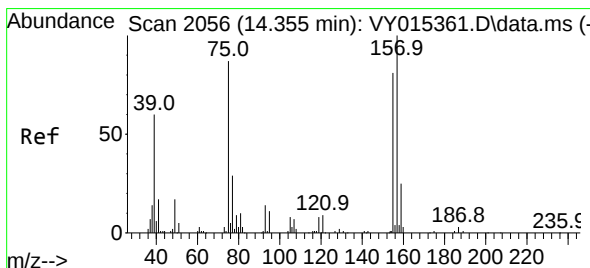
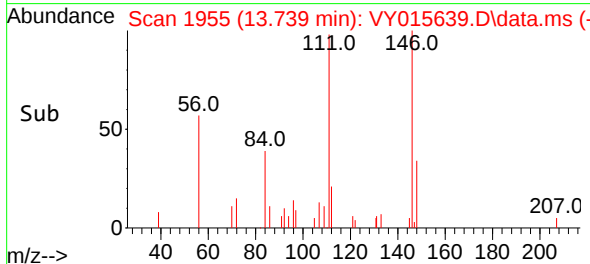
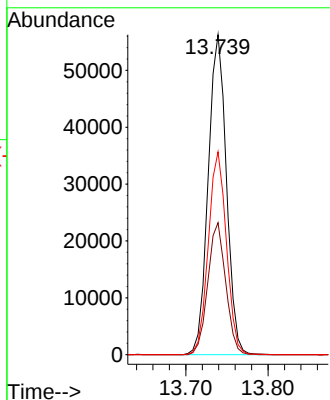
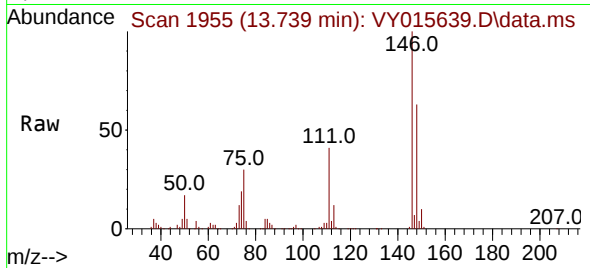
#91
1,2-Dichlorobenzene
Concen: 19.731 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 86570
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.0 32.0 96.2

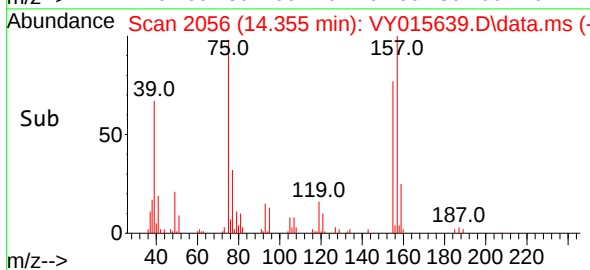
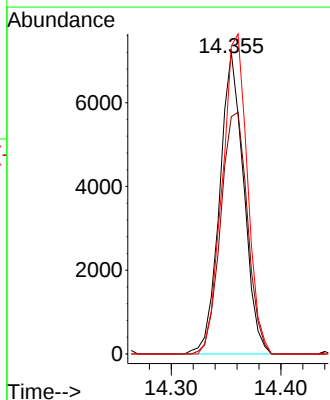
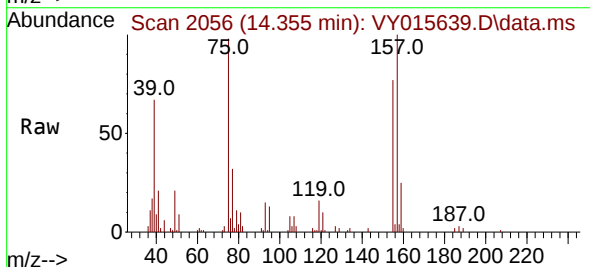
Manual Integrations
APPROVED

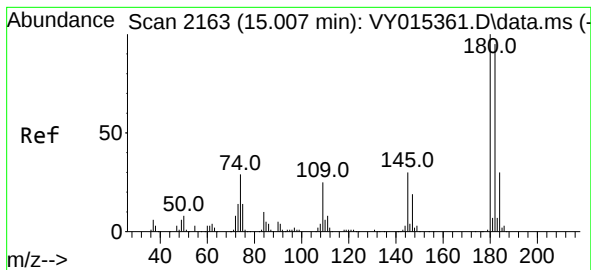
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.340 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

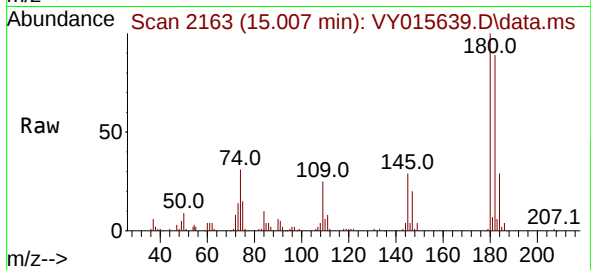
Tgt Ion: 75 Resp: 10974
Ion Ratio Lower Upper
75 100
155 89.1 41.5 124.6
157 110.4 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 19.790 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

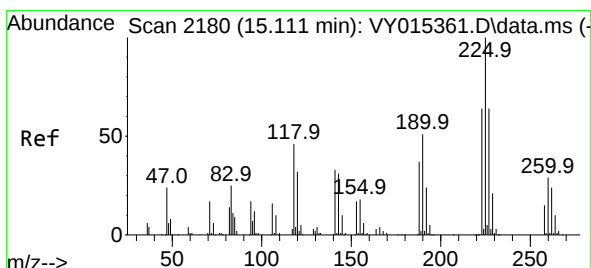
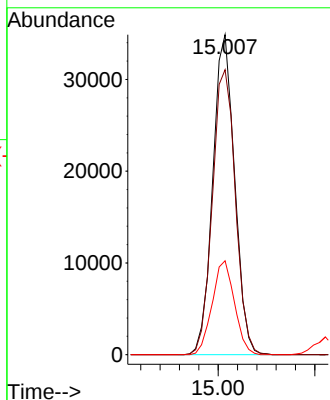
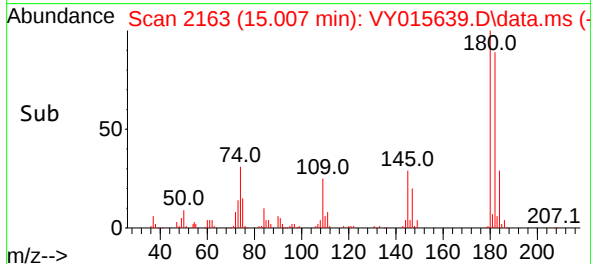
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



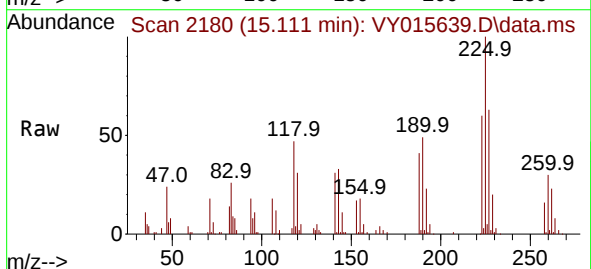
Tgt Ion:180 Resp: 54660
Ion Ratio Lower Upper
180 100
182 93.6 47.0 141.2
145 30.0 14.5 43.5

Manual Integrations
APPROVED

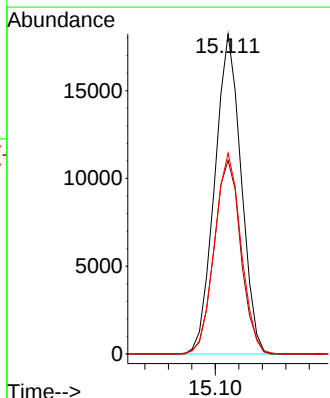
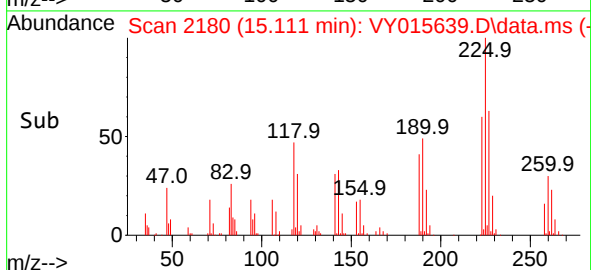
Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023

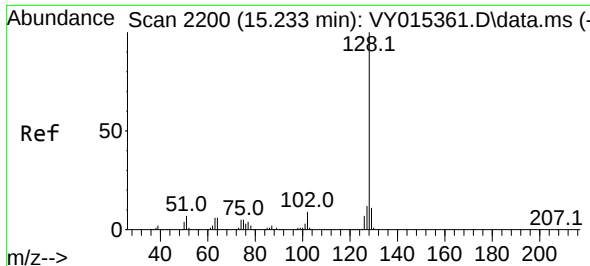


#94
Hexachlorobutadiene
Concen: 20.121 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26



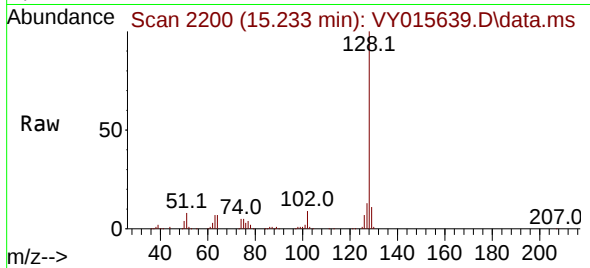
Tgt Ion:225 Resp: 28463
Ion Ratio Lower Upper
225 100
223 61.1 31.9 95.9
227 62.8 33.0 98.9





#95
Naphthalene
Concen: 19.757 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

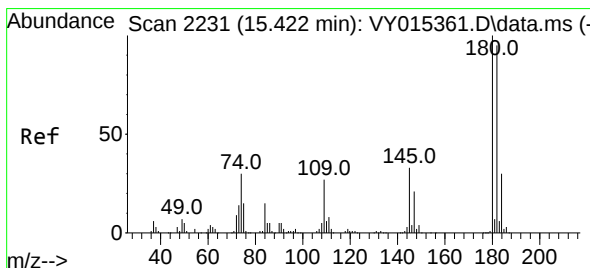
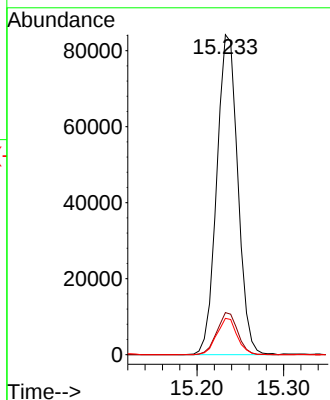
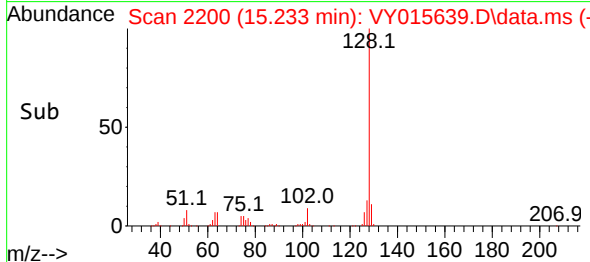
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 142308
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.803 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015639.D
Acq: 19 Sep 2023 12:26

Tgt Ion:180 Resp: 50490
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 32.5 15.4 46.2

