

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013658.D
 Acq On : 09 May 2023 11:12
 Operator : KP/MD
 Sample : VY0509SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

Quant Time: May 10 05:33:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	239478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	362916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140053	53.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.716	113	124986	54.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.520%	
50) Toluene-d8	10.179	98	417833	51.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.483	95	156467	57.157	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	52527	23.072	ug/l	100
3) Chloromethane	2.113	50	62311	20.418	ug/l	99
4) Vinyl Chloride	2.253	62	62505	20.570	ug/l	99
5) Bromomethane	2.649	94	52854	21.828	ug/l	99
6) Chloroethane	2.790	64	41862	19.942	ug/l	95
7) Trichlorofluoromethane	3.125	101	107557	23.366	ug/l	98
8) Diethyl Ether	3.527	74	34539	22.034	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	58267	22.567	ug/l	99
10) Methyl Iodide	4.088	142	58083	17.911	ug/l	97
11) Tert butyl alcohol	4.929	59	29321	99.554	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	52860	21.239	ug/l	98
13) Acrolein	3.728	56	22145	90.910	ug/l	94
14) Allyl chloride	4.472	41	96869	20.976	ug/l	96
15) Acrylonitrile	5.167	53	94706	107.881	ug/l	99
16) Acetone	3.954	43	106010	102.541	ug/l	96
17) Carbon Disulfide	4.192	76	159907	19.779	ug/l	99
18) Methyl Acetate	4.478	43	70123	20.537	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	154360	21.483	ug/l	98
20) Methylene Chloride	4.716	84	82110	20.595	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	59581	21.895	ug/l	94
22) Diisopropyl ether	6.118	45	202076	22.387	ug/l	96
23) Vinyl Acetate	6.057	43	592659	115.964	ug/l	97
24) 1,1-Dichloroethane	6.015	63	114574	22.775	ug/l	99
25) 2-Butanone	6.990	43	142538	108.714	ug/l	96
26) 2,2-Dichloropropane	6.984	77	104064	24.006	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	66528	22.127	ug/l	92
28) Bromochloromethane	7.331	49	40047	22.433	ug/l	84
29) Tetrahydrofuran	7.350	42	84280	103.265	ug/l	91
30) Chloroform	7.502	83	118545	23.701	ug/l	99
31) Cyclohexane	7.789	56	98375	20.930	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	106526	23.867	ug/l	98
36) 1,1-Dichloropropene	7.917	75	87199	23.018	ug/l	97
37) Ethyl Acetate	7.075	43	60735	21.305	ug/l	97
38) Carbon Tetrachloride	7.898	117	97092	24.453	ug/l	98
39) Methylcyclohexane	9.185	83	97313	21.790	ug/l	96
40) Benzene	8.161	78	251362	23.556	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	80095	60.292	ug/l #	34
42) 1,2-Dichloroethane	8.234	62	82679	23.699	ug/l	99
43) Isopropyl Acetate	8.270	43	102905	21.386	ug/l	98
44) Trichloroethene	8.941	130	66565	23.451	ug/l	99
45) 1,2-Dichloropropane	9.215	63	64279	23.038	ug/l	98
46) Dibromomethane	9.301	93	38478	23.049	ug/l	96
47) Bromodichloromethane	9.496	83	89576	23.979	ug/l	95
48) Methyl methacrylate	9.295	41	47753	21.609	ug/l	93
49) 1,4-Dioxane	9.301	88	9280	389.215	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	297256	110.860	ug/l	95
52) Toluene	10.239	92	151207	23.547	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	90618	22.921	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	101300	22.771	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	52163	23.595	ug/l	96
56) Ethyl methacrylate	10.508	69	69224	22.569	ug/l	94
57) 1,3-Dichloropropane	10.788	76	87170	23.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	137895	119.894	ug/l	93
59) 2-Hexanone	10.831	43	217434	111.554	ug/l	96
60) Dibromochloromethane	10.983	129	64462	24.013	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49098	22.589	ug/l	98
64) Tetrachloroethene	10.721	164	57719	23.003	ug/l	98
65) Chlorobenzene	11.514	112	163799	22.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	64188	23.876	ug/l	99
67) Ethyl Benzene	11.593	91	290024	22.977	ug/l	97
68) m/p-Xylenes	11.703	106	223715	46.622	ug/l	98
69) o-Xylene	12.026	106	102677	22.625	ug/l	95
70) Styrene	12.044	104	179486	23.654	ug/l	100
71) Bromoform	12.209	173	43537	23.120	ug/l #	98
73) Isopropylbenzene	12.331	105	279500	22.038	ug/l	99
74) N-amyl acetate	12.142	43	89774	19.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	66534	21.463	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	85815	37.948	ug/l #	100
77) Bromobenzene	12.611	156	69388	22.579	ug/l	93
78) n-propylbenzene	12.672	91	345603	22.123	ug/l	99
79) 2-Chlorotoluene	12.757	91	192587	22.077	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	234727	22.675	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	22619	20.460	ug/l	94
82) 4-Chlorotoluene	12.855	91	204495	22.491	ug/l	97
83) tert-Butylbenzene	13.074	119	203852	22.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	231044	22.957	ug/l	99
85) sec-Butylbenzene	13.251	105	306511	22.772	ug/l	99
86) p-Isopropyltoluene	13.367	119	250263	23.121	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	133800	22.853	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	134411	22.727	ug/l	98
89) n-Butylbenzene	13.696	91	238529	22.579	ug/l	98
90) Hexachloroethane	13.958	117	50269	22.067	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	121179	22.920	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11533	21.065	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	72875	23.119	ug/l	97
94) Hexachlorobutadiene	15.111	225	46220	25.195	ug/l	99
95) Naphthalene	15.239	128	141819	20.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	63973	22.770	ug/l	98

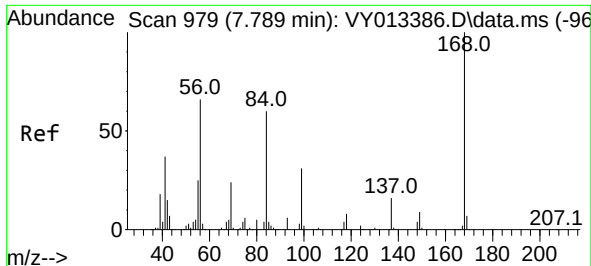
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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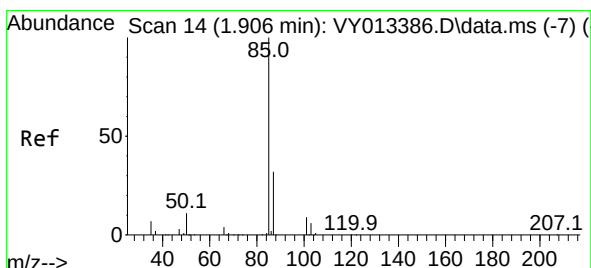
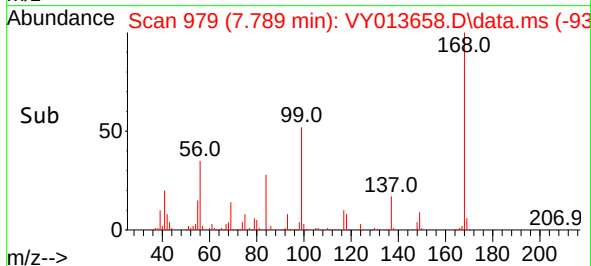
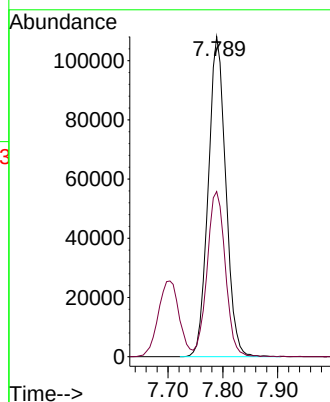
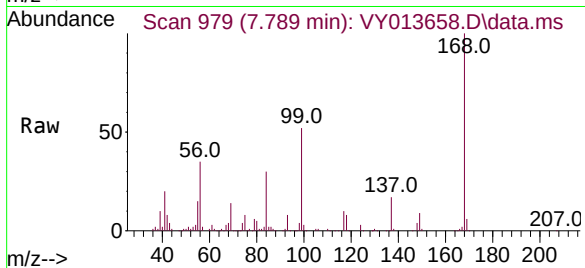
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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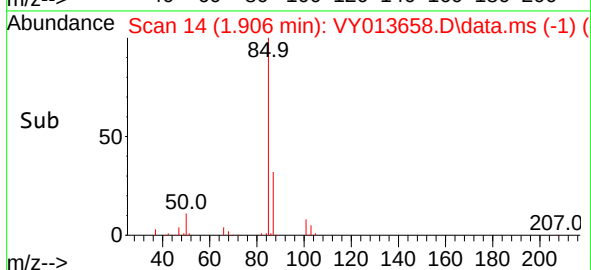
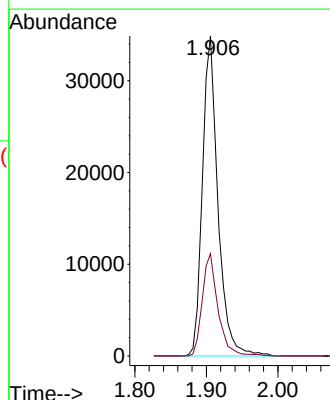
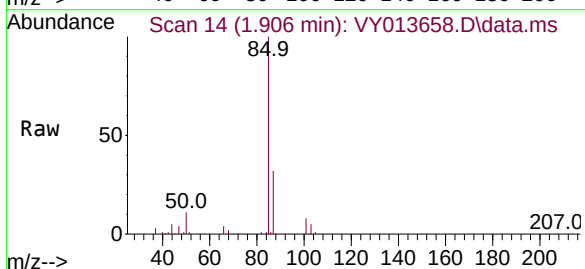
Instrument :
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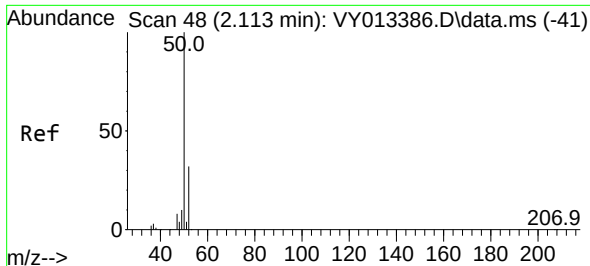
Tgt Ion:168 Resp: 239478
Ion Ratio Lower Upper
168 100
99 51.4 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.072 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 85 Resp: 52527
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

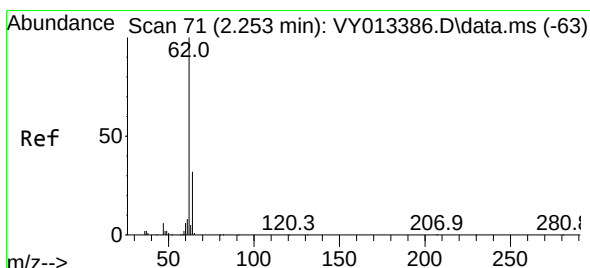
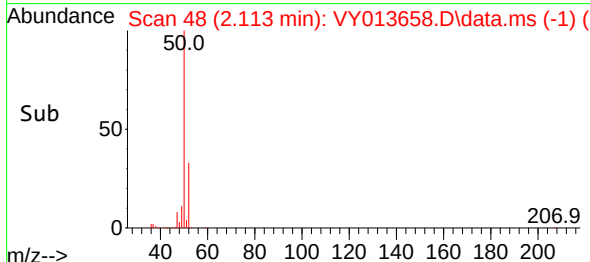
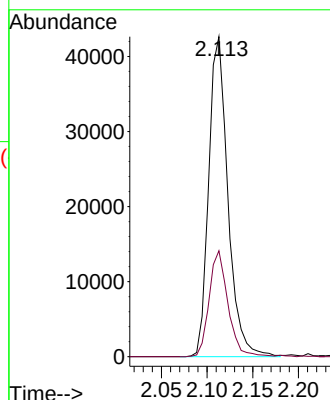
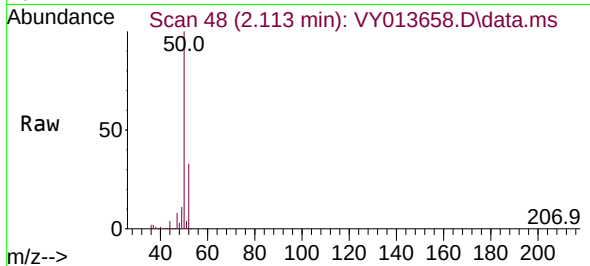




#3
Chloromethane
Concen: 20.418 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

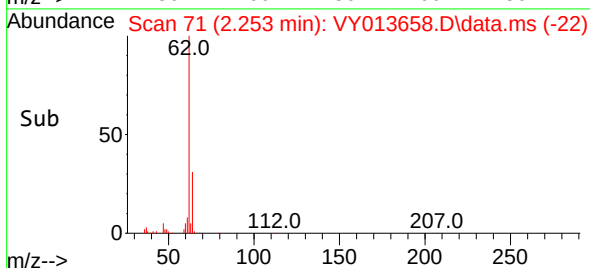
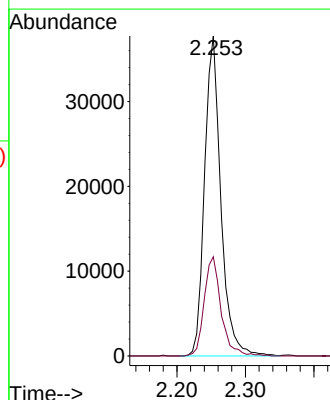
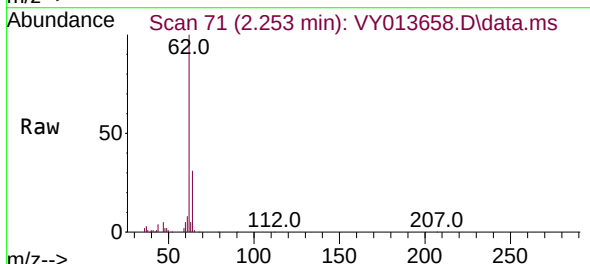
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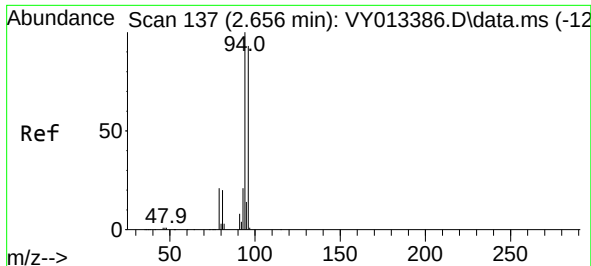
Tgt Ion: 50 Resp: 62311
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9



#4
Vinyl Chloride
Concen: 20.570 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 62 Resp: 62505
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0

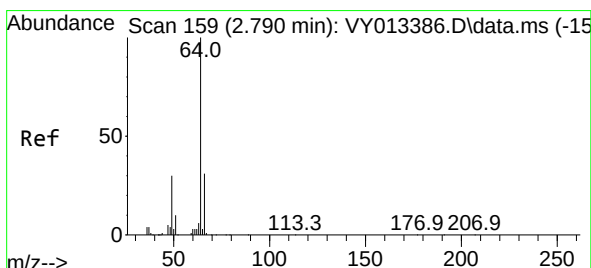
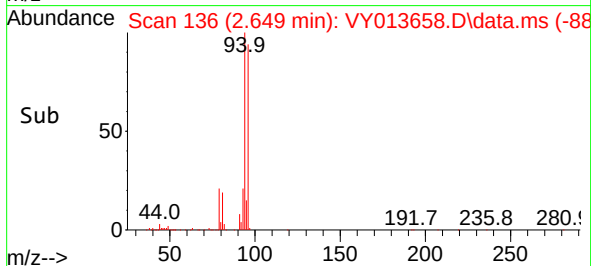
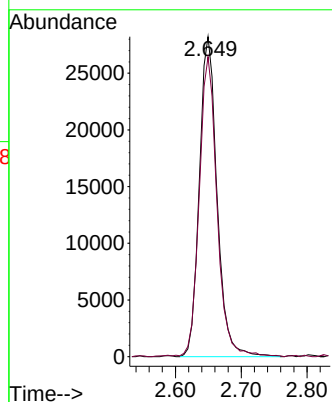
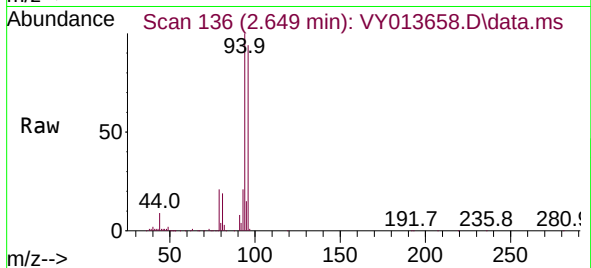




#5
Bromomethane
Concen: 21.828 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

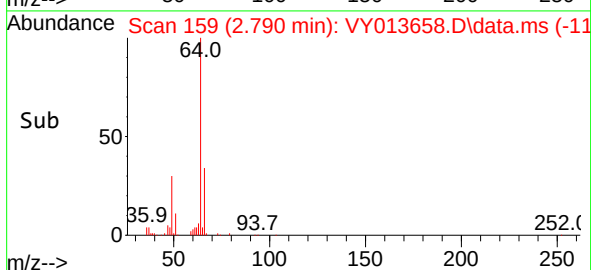
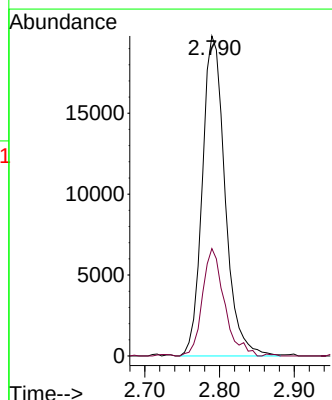
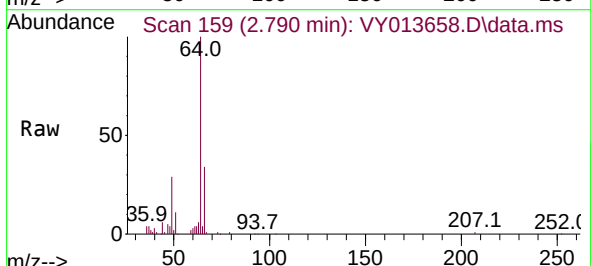
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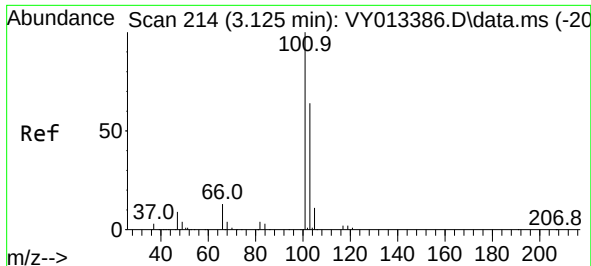
Tgt Ion: 94 Resp: 52854
Ion Ratio Lower Upper
94 100
96 93.4 74.2 111.2



#6
Chloroethane
Concen: 19.942 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 64 Resp: 41862
Ion Ratio Lower Upper
64 100
66 33.5 24.6 37.0

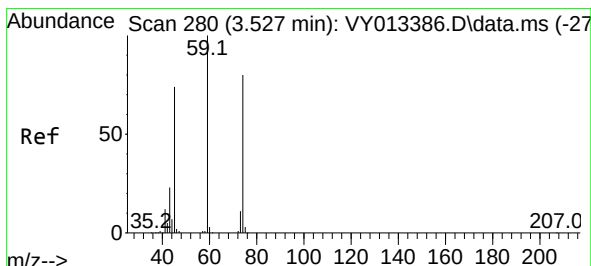
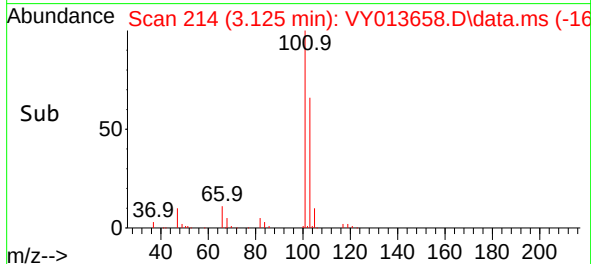
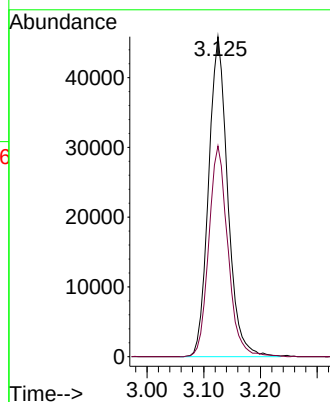
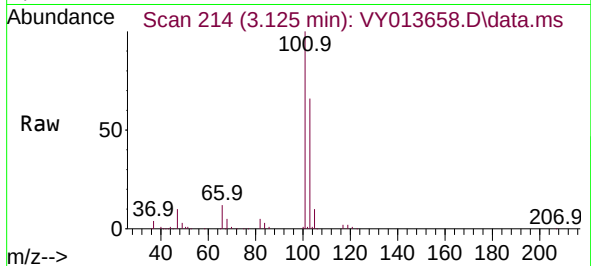




#7
 Trichlorofluoromethane
 Concen: 23.366 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013658.D
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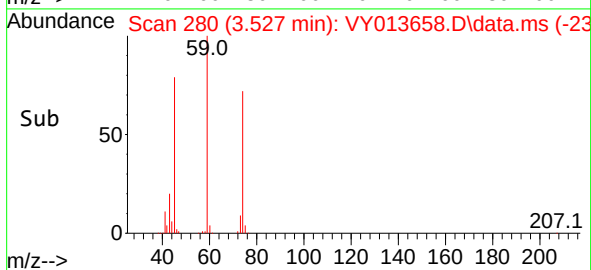
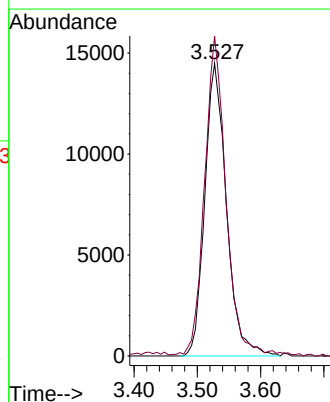
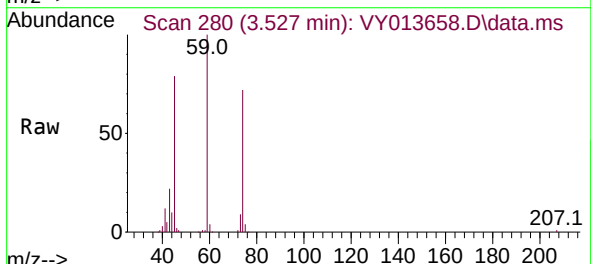
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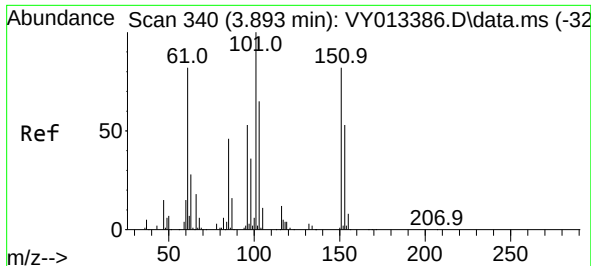
Tgt Ion:101 Resp: 107557
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.6 77.4



#8
 Diethyl Ether
 Concen: 22.034 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013658.D
 Acq: 09 May 2023 11:12

Tgt Ion: 74 Resp: 34539
 Ion Ratio Lower Upper
 74 100
 45 108.7 48.2 144.6

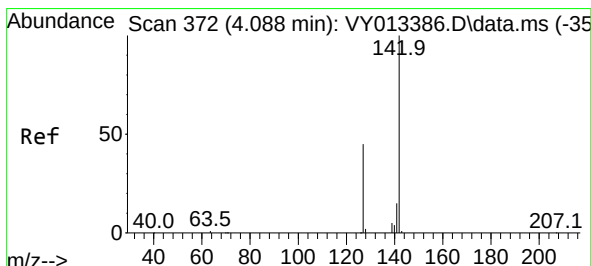
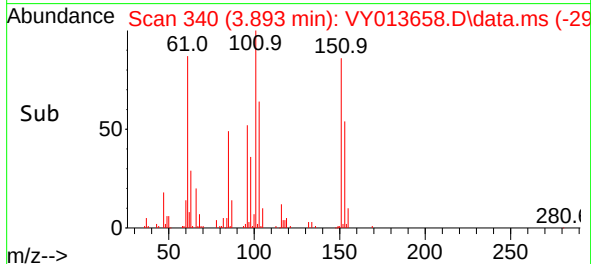
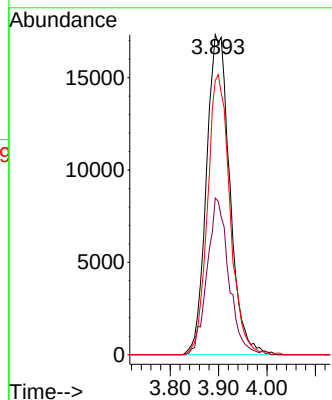
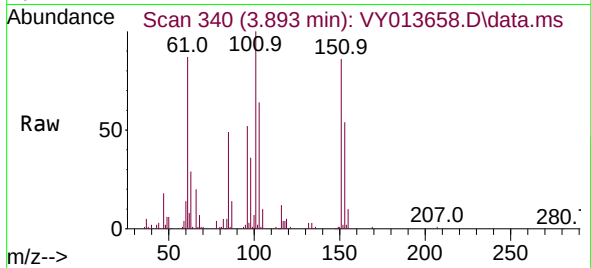




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.567 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013658.D
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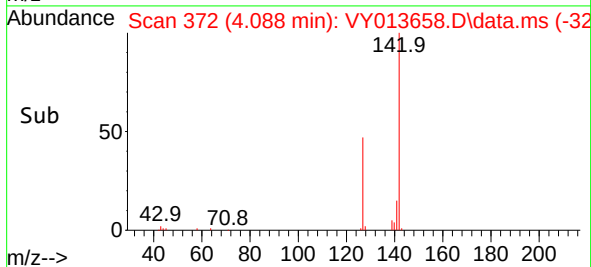
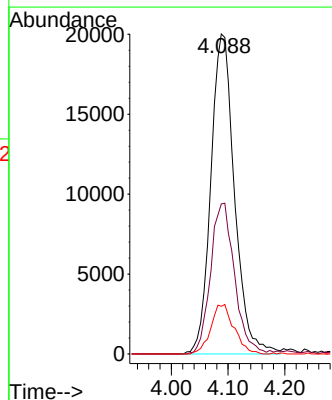
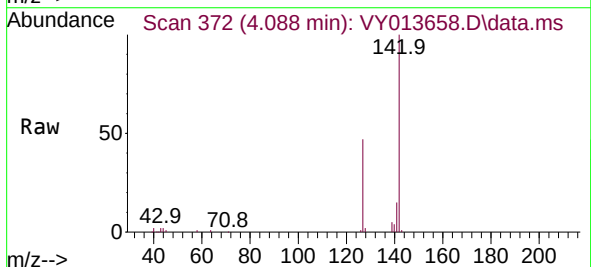
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

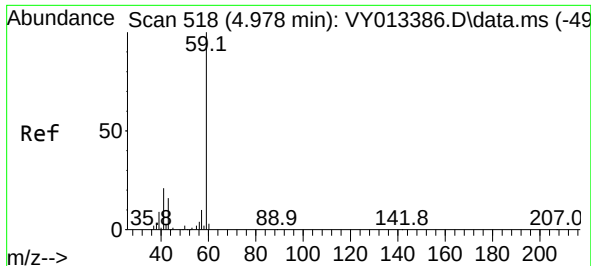
Tgt Ion:101 Resp: 58267
Ion Ratio Lower Upper
101 100
85 45.3 35.6 53.4
151 83.9 68.0 102.0



#10
Methyl Iodide
Concen: 17.911 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion:142 Resp: 58083
Ion Ratio Lower Upper
142 100
127 47.6 36.1 54.1
141 15.2 11.6 17.4

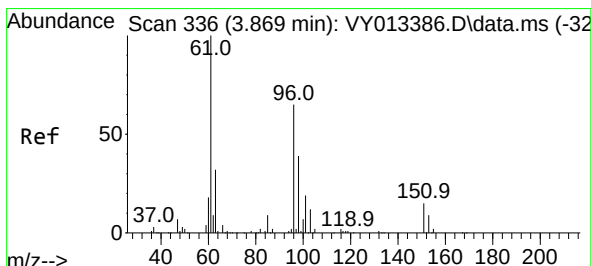
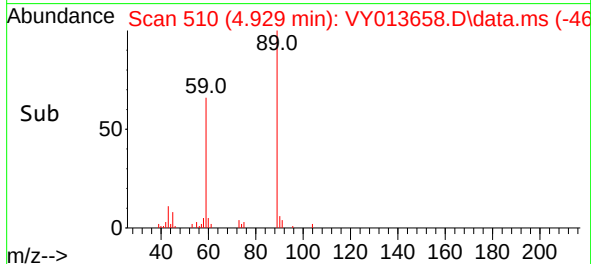
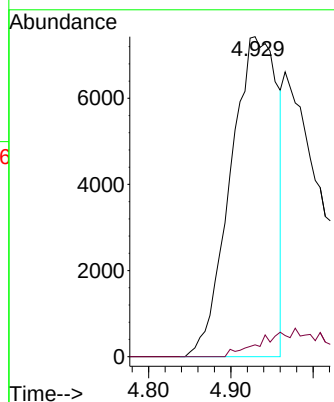
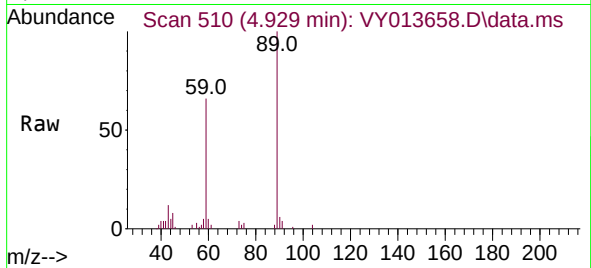




#11
Tert butyl alcohol
Concen: 99.554 ug/l
RT: 4.929 min Scan# 518
Delta R.T. -0.049 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

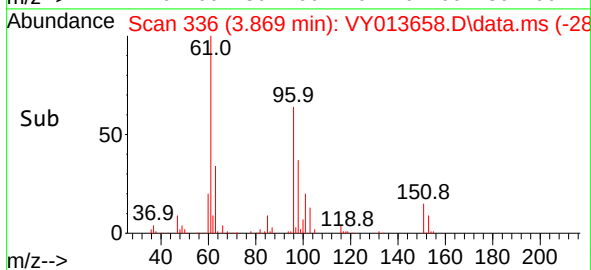
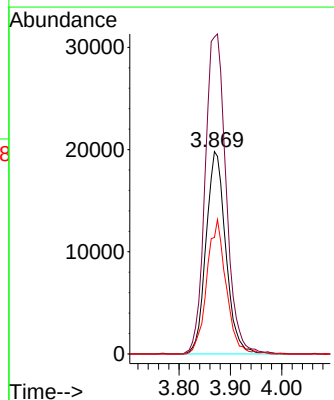
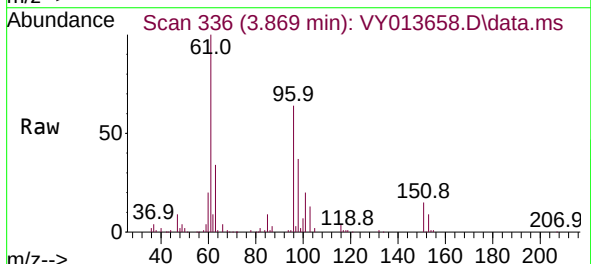
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

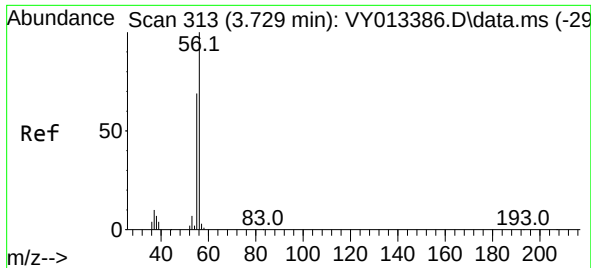
Tgt Ion: 59 Resp: 29321
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.239 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 96 Resp: 52860
Ion Ratio Lower Upper
96 100
61 156.6 123.9 185.9
98 57.6 48.9 73.3





#13

Acrolein

Concen: 90.910 ug/l

RT: 3.728 min Scan# 31

Delta R.T. -0.001 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

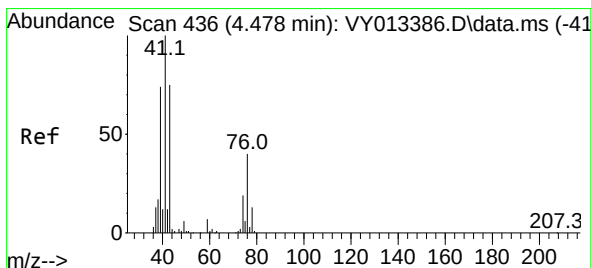
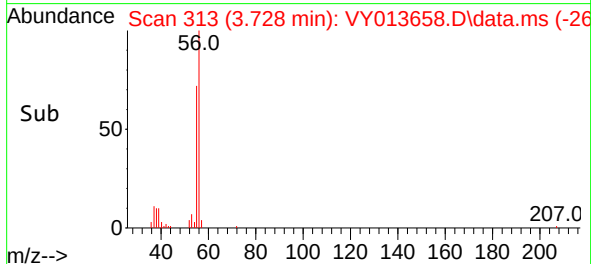
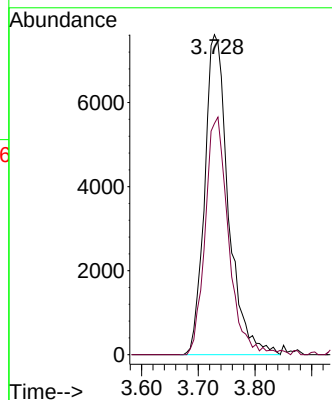
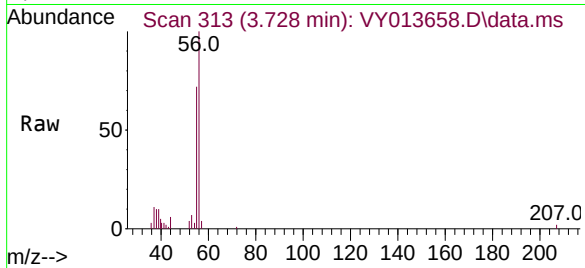
VY0509SBS01

Tgt Ion: 56 Resp: 22145

Ion Ratio Lower Upper

56 100

55 72.8 54.1 81.1



#14

Allyl chloride

Concen: 20.976 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

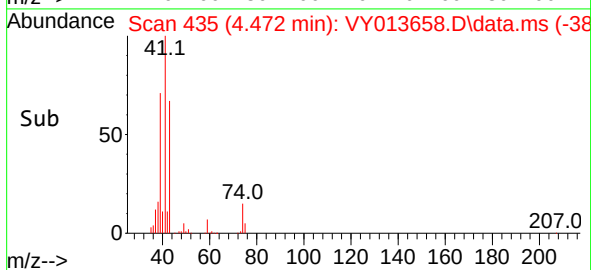
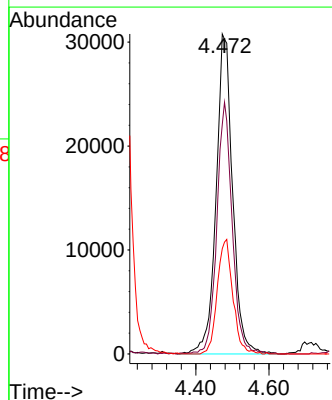
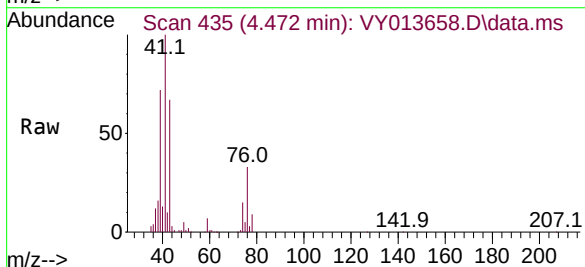
Tgt Ion: 41 Resp: 96869

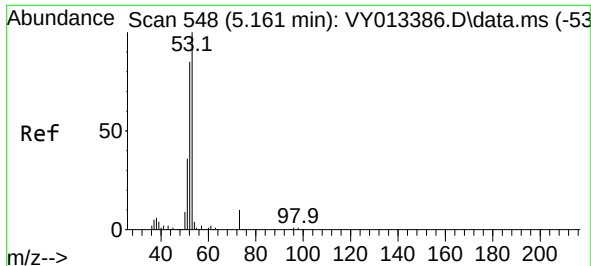
Ion Ratio Lower Upper

41 100

39 72.2 56.6 85.0

76 33.7 30.5 45.7

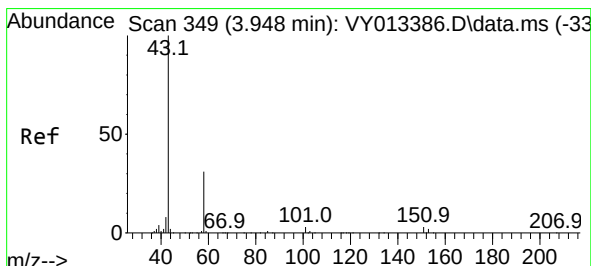
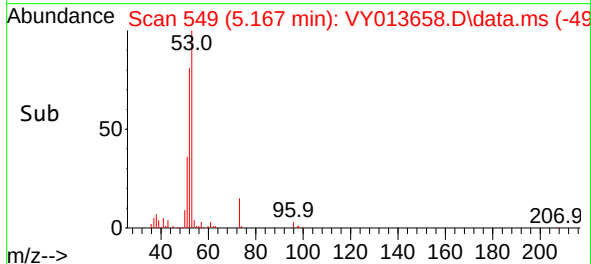
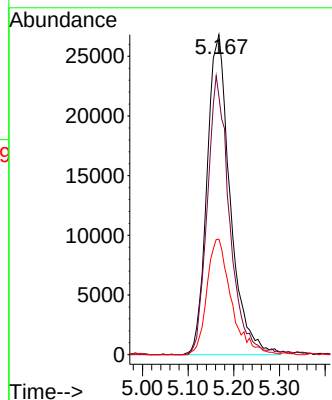
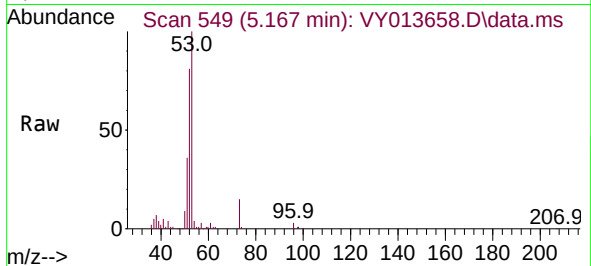




#15
Acrylonitrile
Concen: 107.881 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

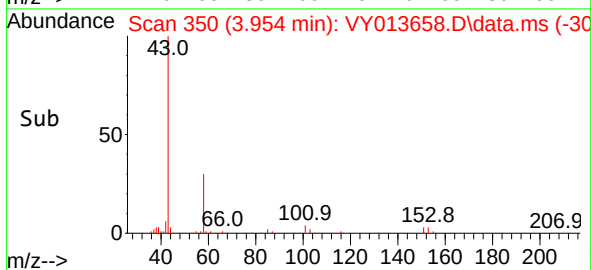
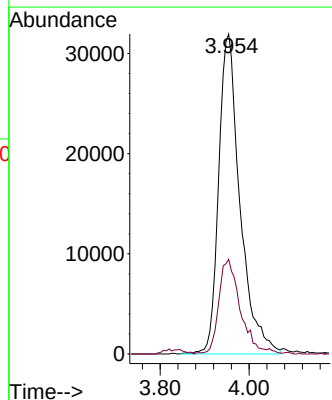
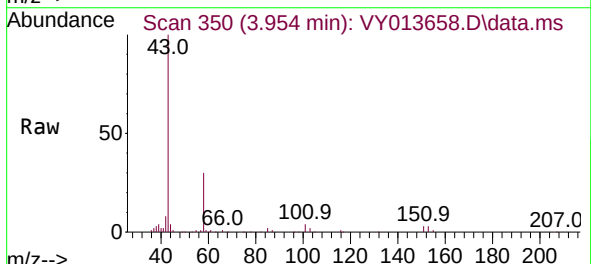
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

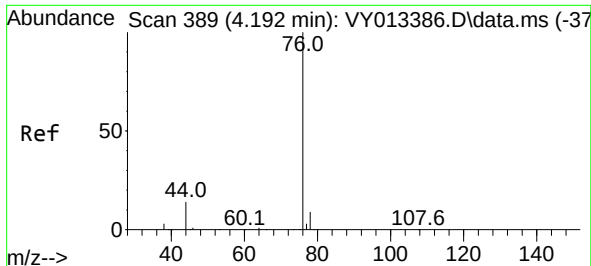
Tgt Ion: 53 Resp: 94706
Ion Ratio Lower Upper
53 100
52 82.4 65.4 98.0
51 37.9 29.3 43.9



#16
Acetone
Concen: 102.541 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 43 Resp: 106010
Ion Ratio Lower Upper
43 100
58 29.3 25.4 38.0

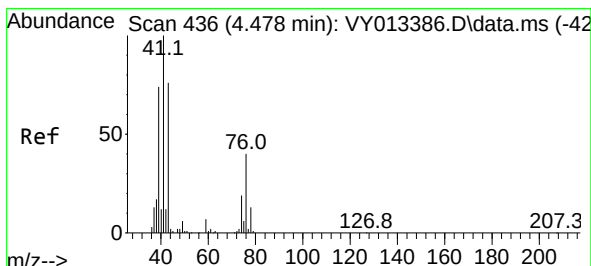
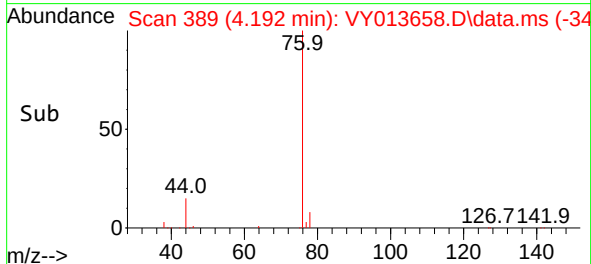
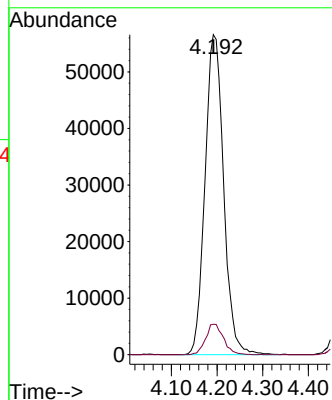
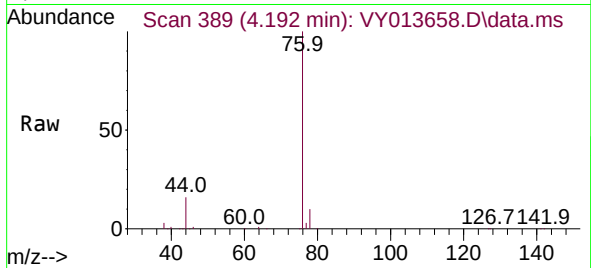




#17
Carbon Disulfide
Concen: 19.779 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

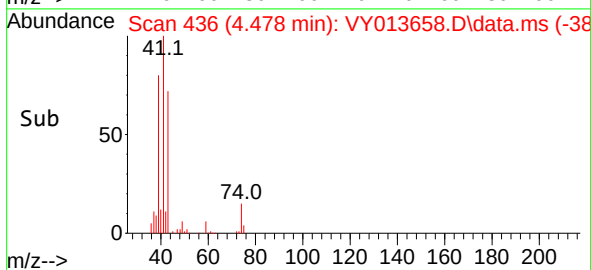
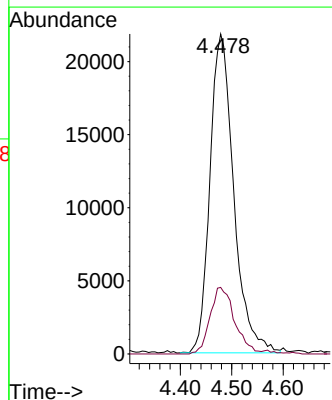
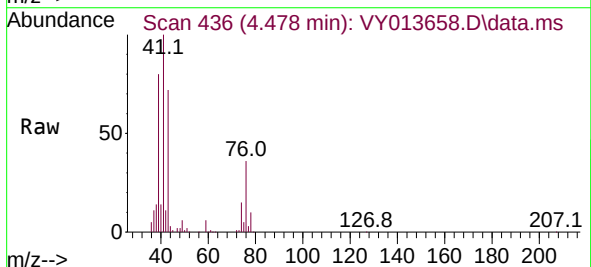
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

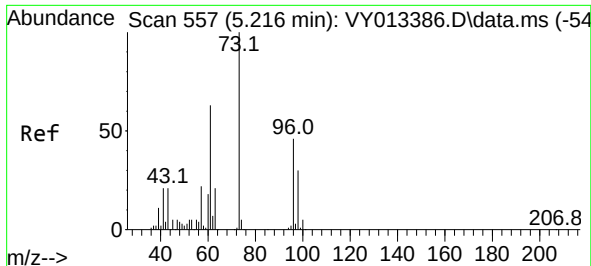
Tgt Ion: 76 Resp: 159907
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 20.537 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 43 Resp: 70123
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 21.483 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

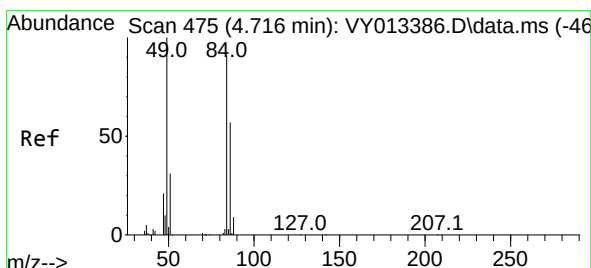
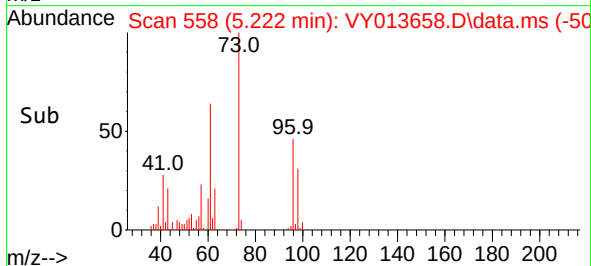
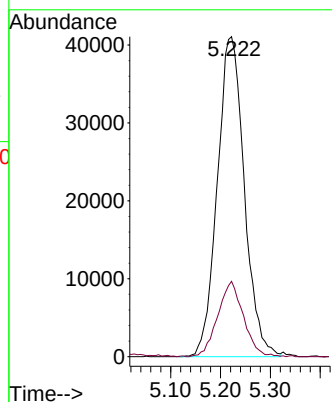
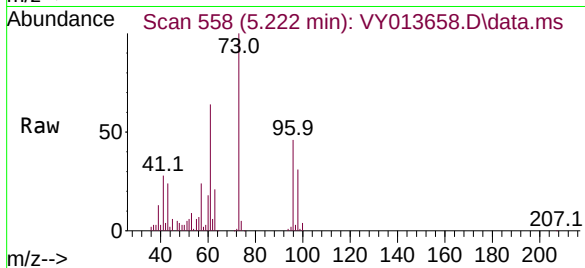
VY0509SBS01

Tgt Ion: 73 Resp: 154360

Ion Ratio Lower Upper

73 100

57 23.4 17.8 26.8



#20

Methylene Chloride

Concen: 20.595 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Tgt Ion: 84 Resp: 82110

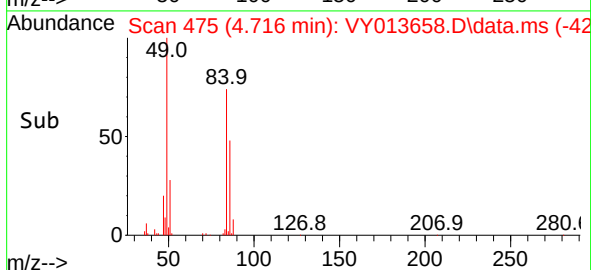
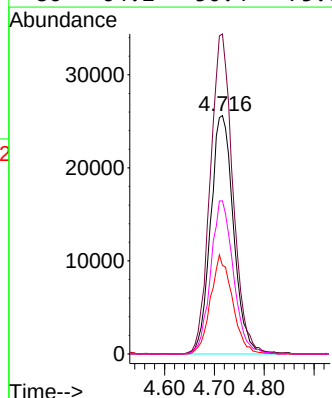
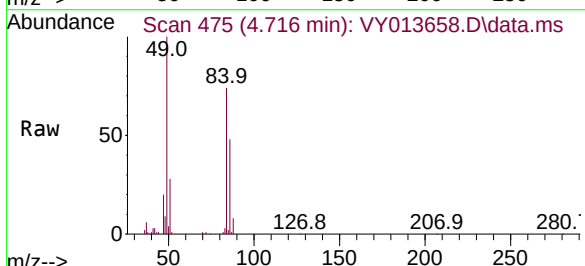
Ion Ratio Lower Upper

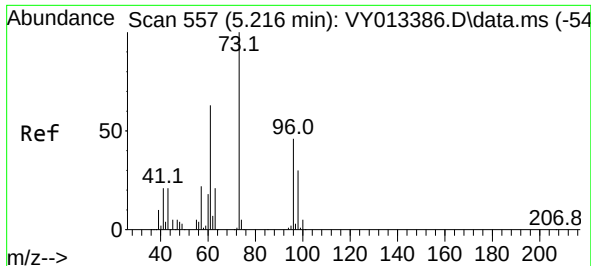
84 100

49 134.3 88.0 132.0#

51 37.1 27.4 41.0

86 64.2 50.4 75.6

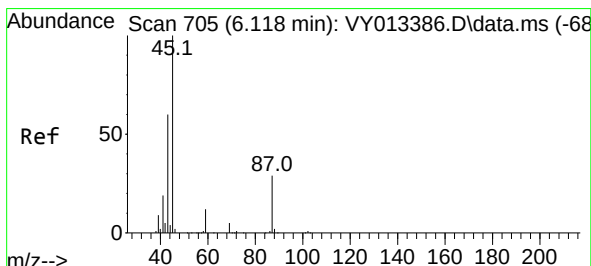
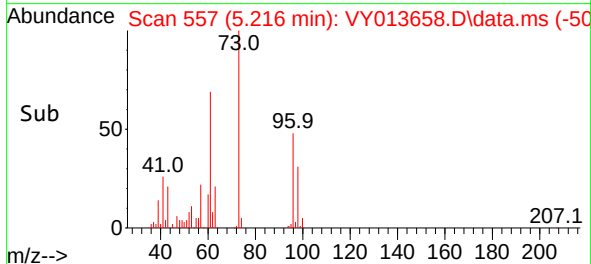
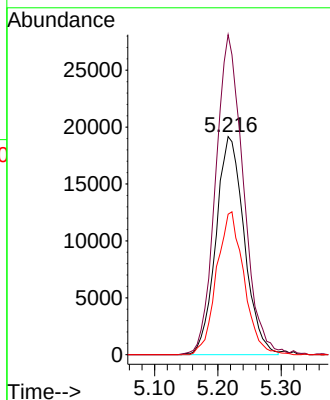
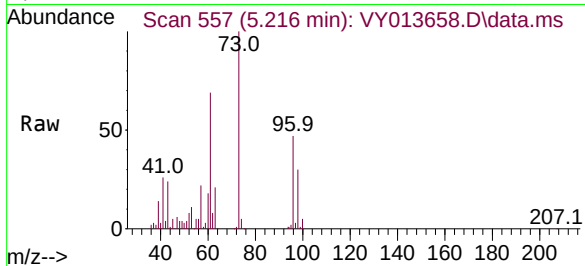




#21
trans-1,2-Dichloroethene
Concen: 21.895 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

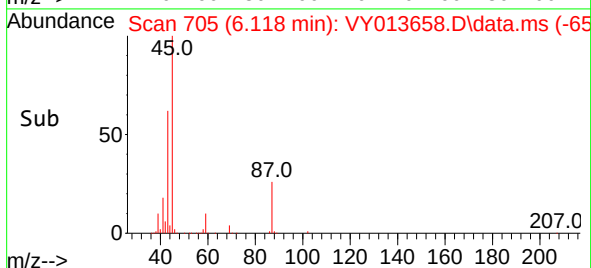
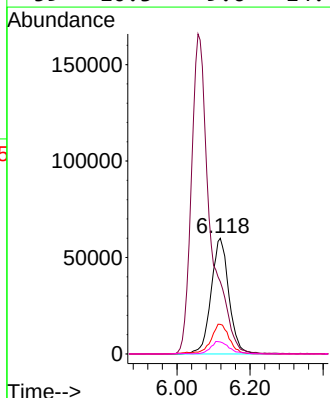
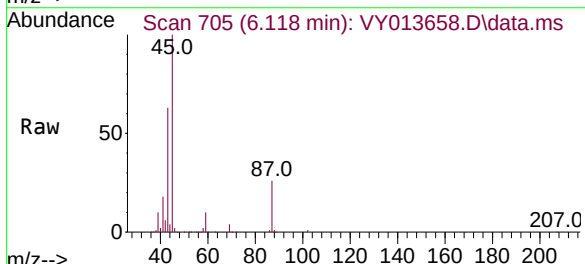
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

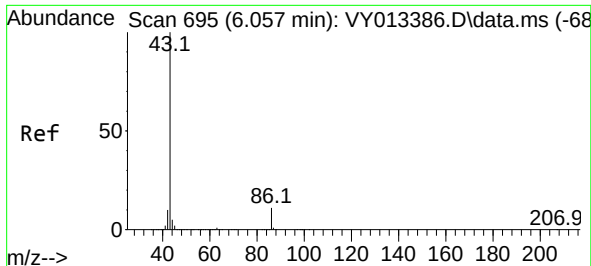
Tgt Ion: 96 Resp: 59581
Ion Ratio Lower Upper
96 100
61 146.7 110.6 165.8
98 64.4 53.1 79.7



#22
Diisopropyl ether
Concen: 22.387 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 45 Resp: 202076
Ion Ratio Lower Upper
45 100
43 62.0 48.4 72.6
87 25.6 23.8 35.6
59 10.3 9.6 14.4

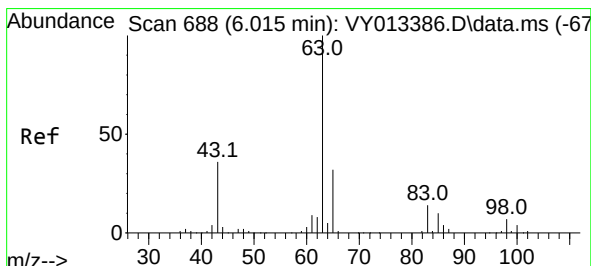
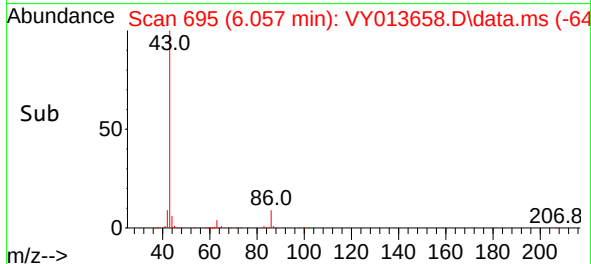
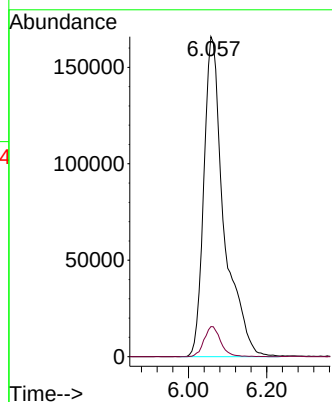
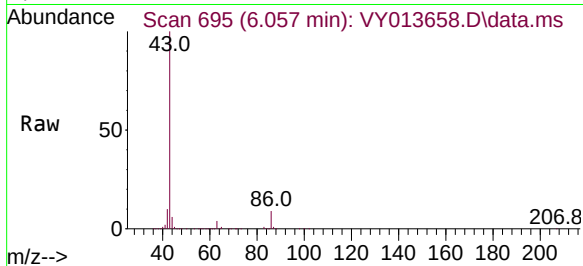




#23
 Vinyl Acetate
 Concen: 115.964 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013658.D
 Acq: 09 May 2023 11:12

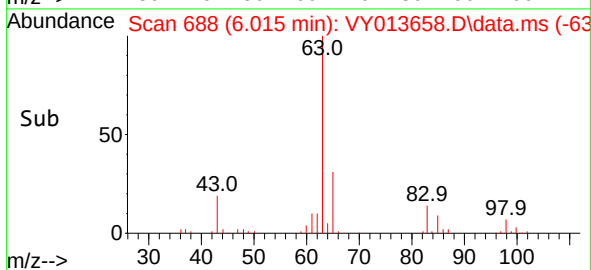
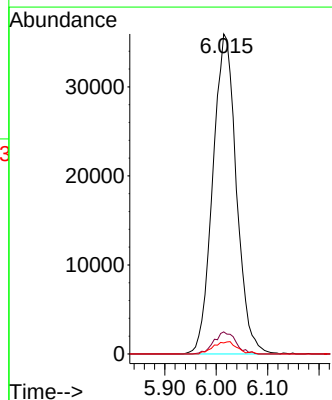
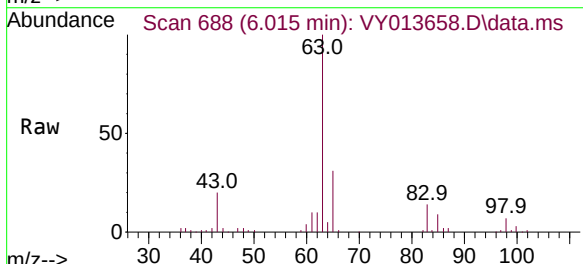
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

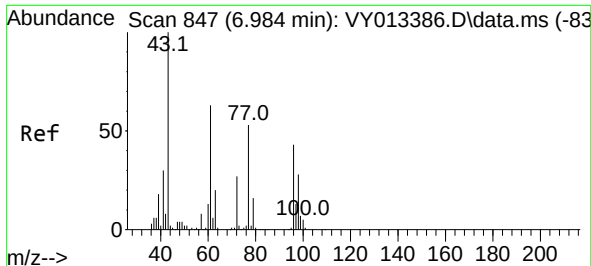
Tgt Ion: 43 Resp: 592659
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 22.775 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013658.D
 Acq: 09 May 2023 11:12

Tgt Ion: 63 Resp: 114574
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 3.5 2.2 6.6

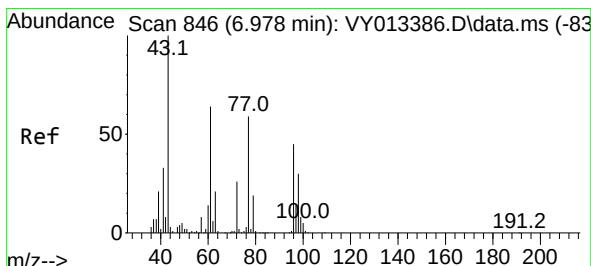
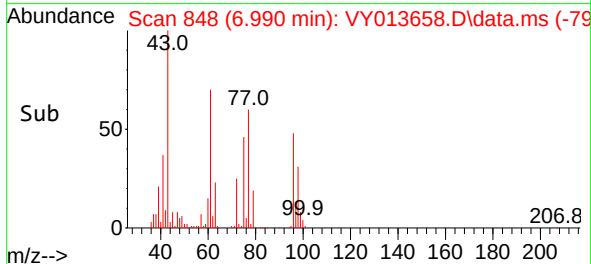
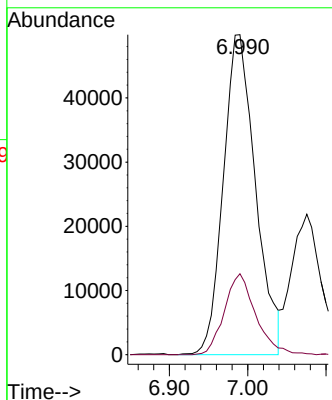
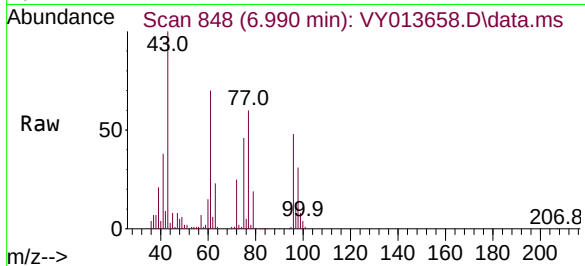




#25
2-Butanone
Concen: 108.714 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

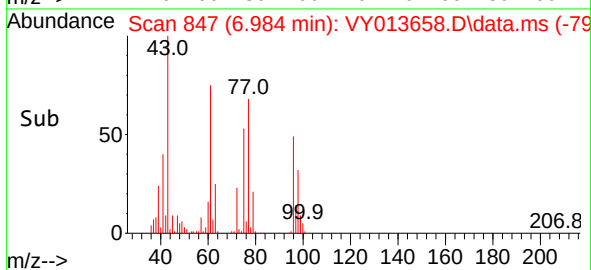
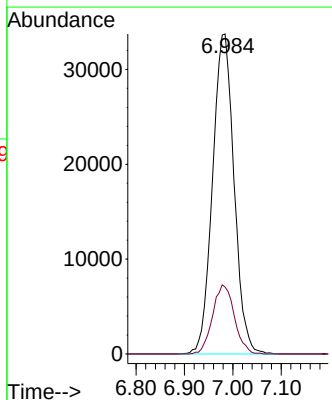
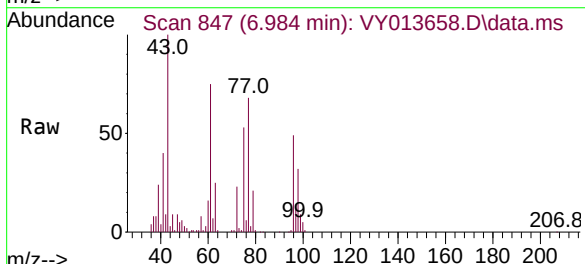
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

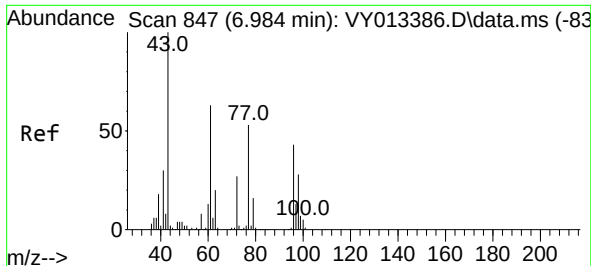
Tgt Ion: 43 Resp: 142538
Ion Ratio Lower Upper
43 100
72 25.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 24.006 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 77 Resp: 104064
Ion Ratio Lower Upper
77 100
97 21.9 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 22.127 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

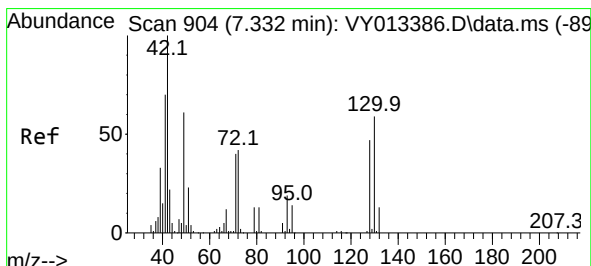
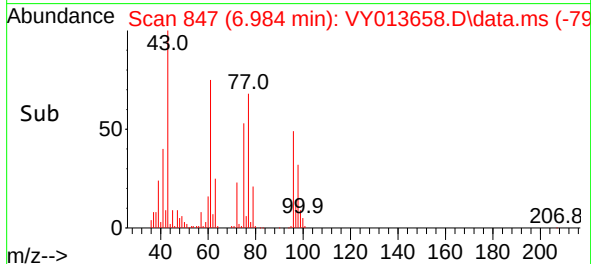
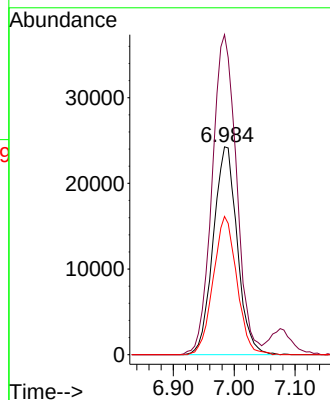
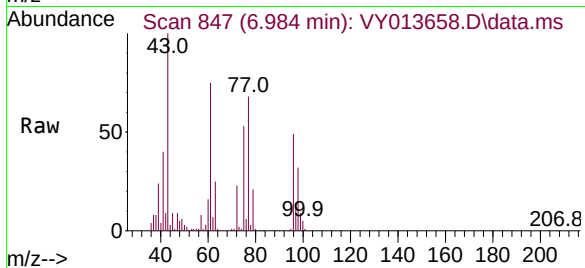
Tgt Ion: 96 Resp: 66528

Ion Ratio Lower Upper

96 100

61 156.4 0.0 285.0

98 65.4 0.0 130.6



#28

Bromochloromethane

Concen: 22.433 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.001 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

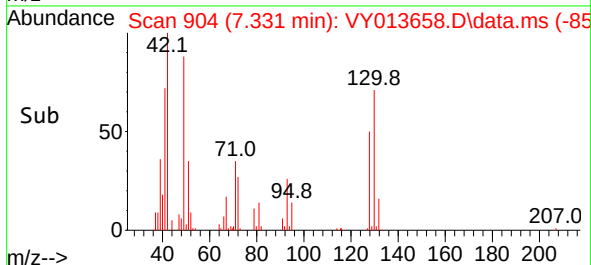
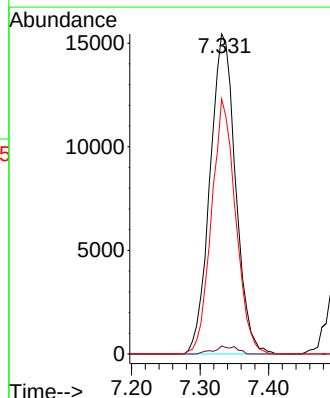
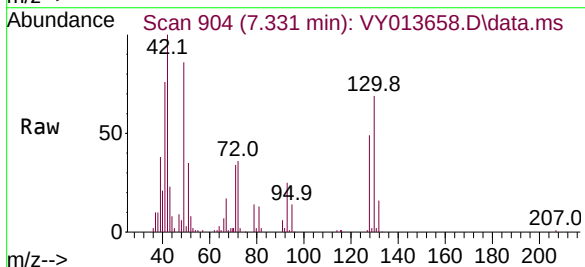
Tgt Ion: 49 Resp: 40047

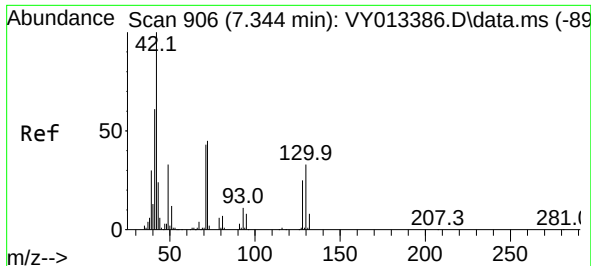
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.2

130 75.0 72.1 108.1





#29

Tetrahydrofuran

Concen: 103.265 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

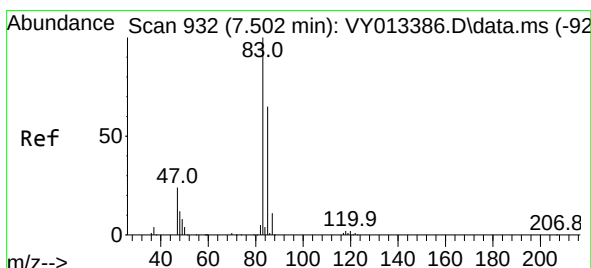
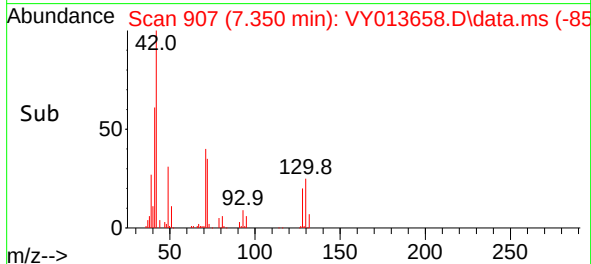
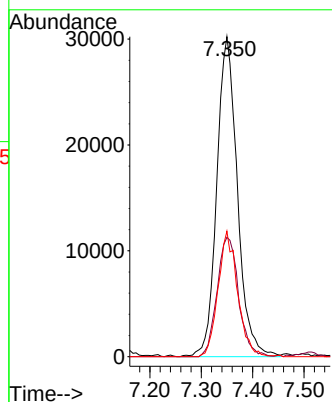
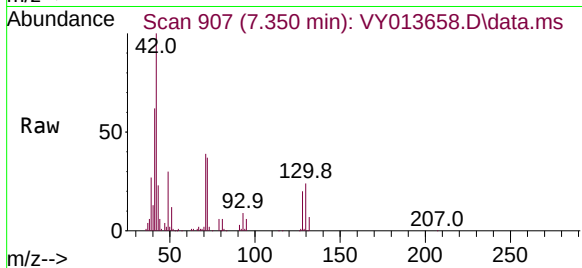
Tgt Ion: 42 Resp: 84280

Ion Ratio Lower Upper

42 100

72 39.0 35.9 53.9

71 37.0 34.3 51.5



#30

Chloroform

Concen: 23.701 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013658.D

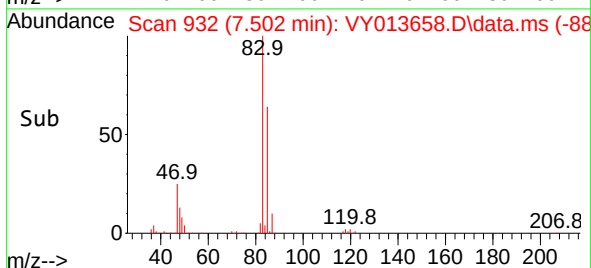
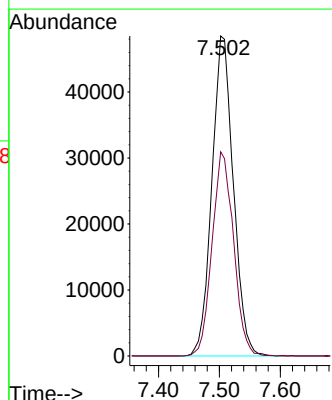
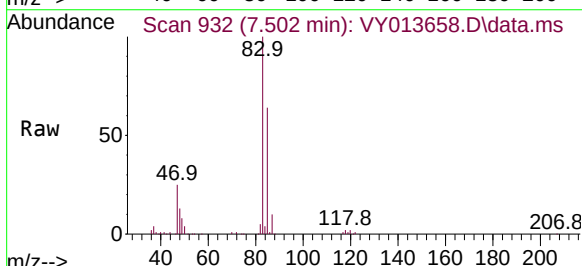
Acq: 09 May 2023 11:12

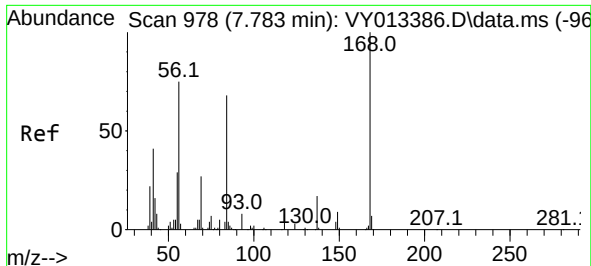
Tgt Ion: 83 Resp: 118545

Ion Ratio Lower Upper

83 100

85 63.8 52.0 78.0

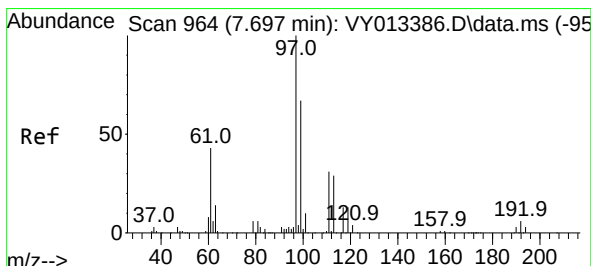
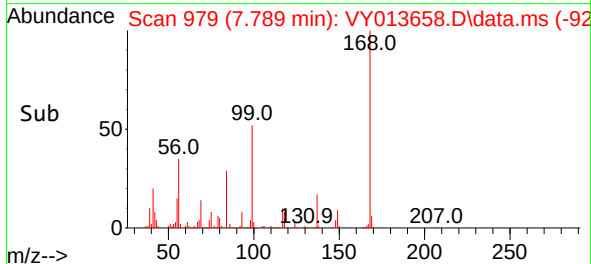
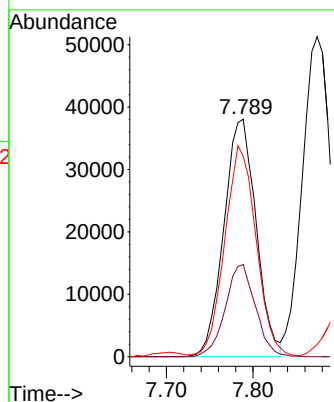
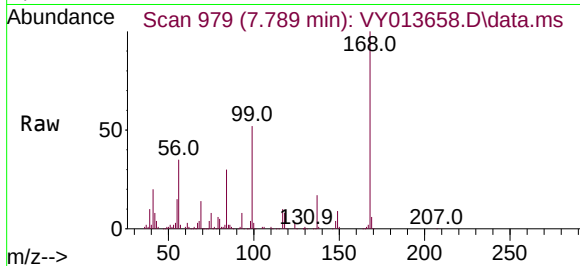




#31
Cyclohexane
Concen: 20.930 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

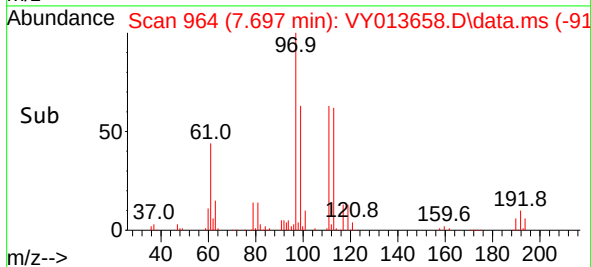
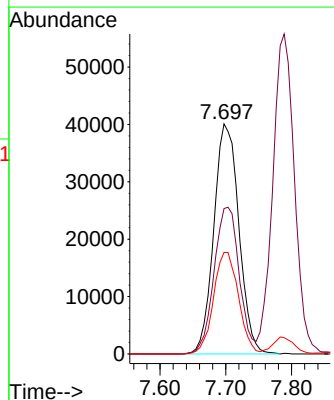
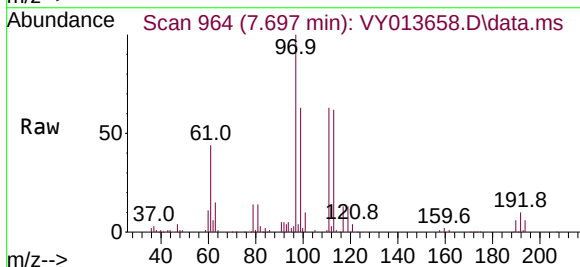
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

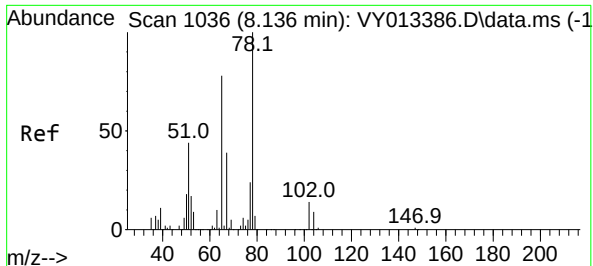
Tgt Ion: 56 Resp: 98375
Ion Ratio Lower Upper
56 100
69 38.9 29.2 43.8
84 83.1 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 23.867 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 97 Resp: 106526
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 43.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.349 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

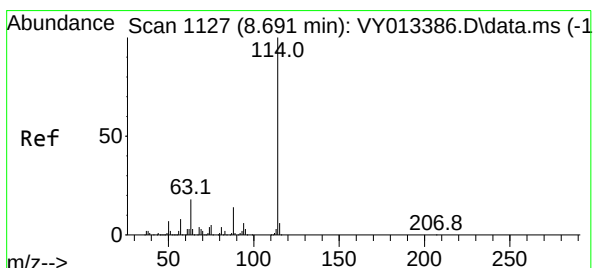
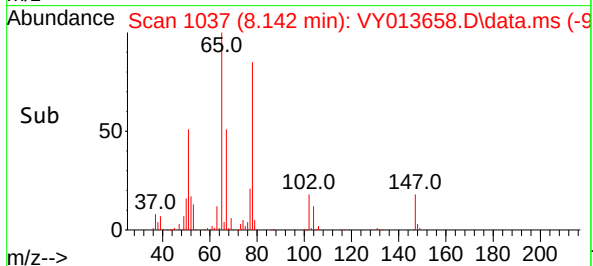
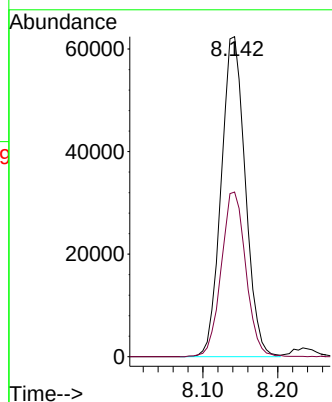
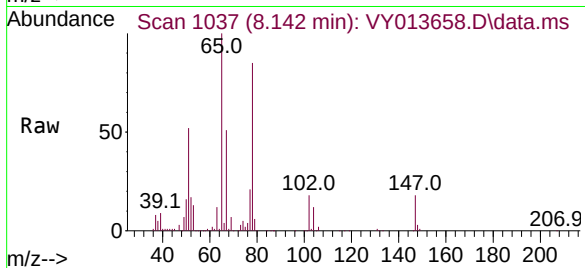
VY0509SBS01

Tgt Ion: 65 Resp: 140053

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

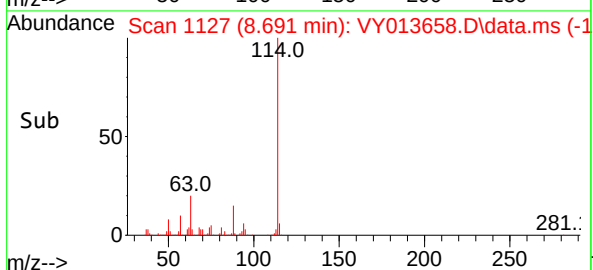
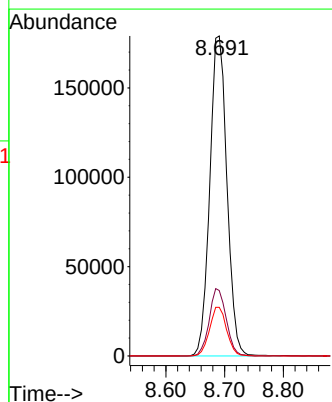
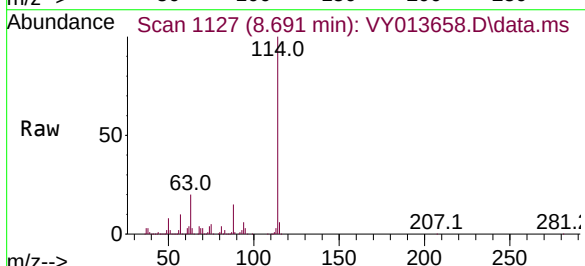
Tgt Ion:114 Resp: 362916

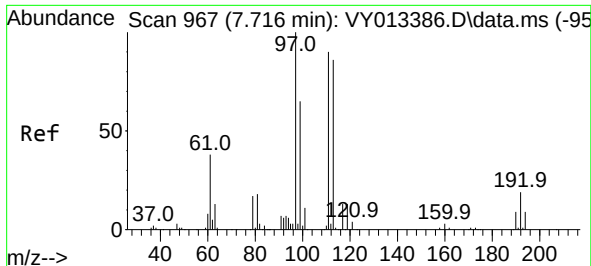
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 15.2 0.0 28.8

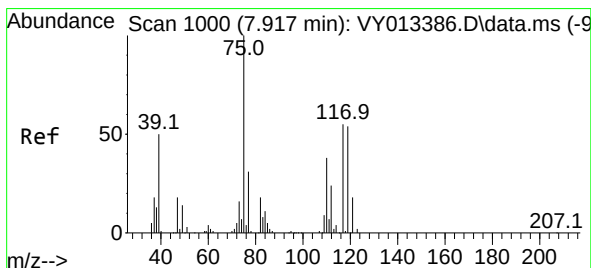
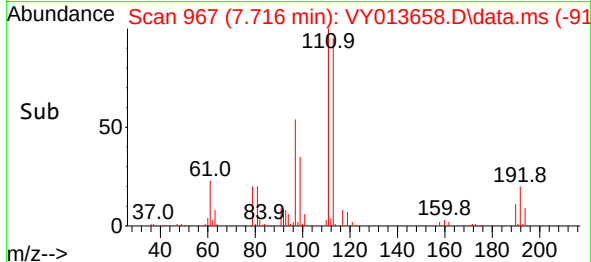
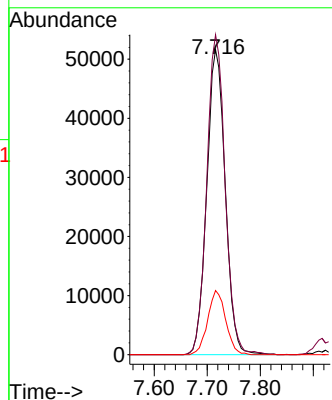
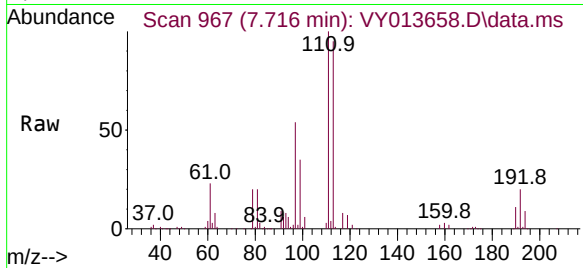




#35
Dibromofluoromethane
Concen: 54.757 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

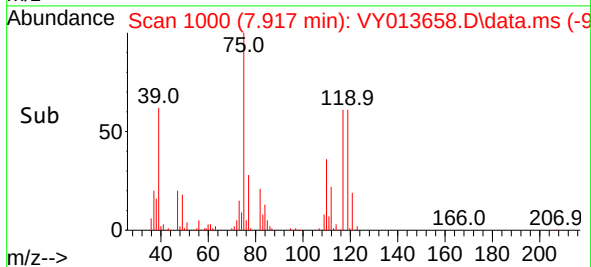
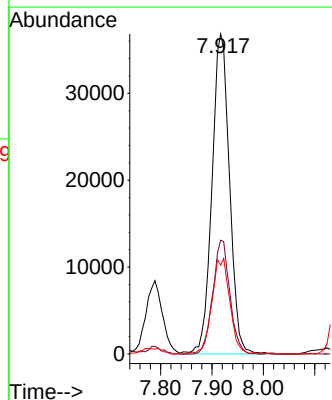
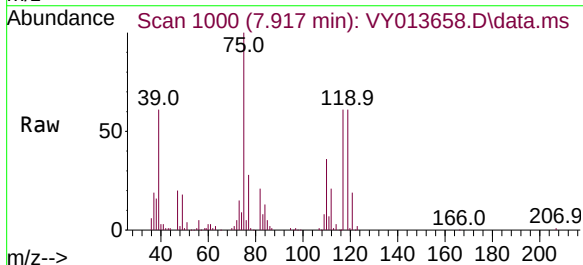
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

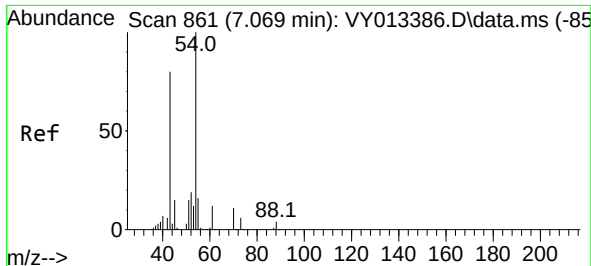
Tgt Ion:113 Resp: 124986
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 23.018 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 75 Resp: 87199
Ion Ratio Lower Upper
75 100
110 34.5 18.7 56.1
77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 21.305 ug/l

RT: 7.075 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

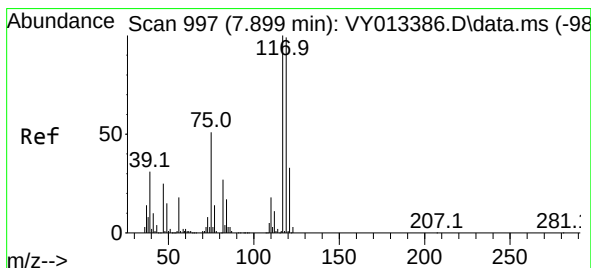
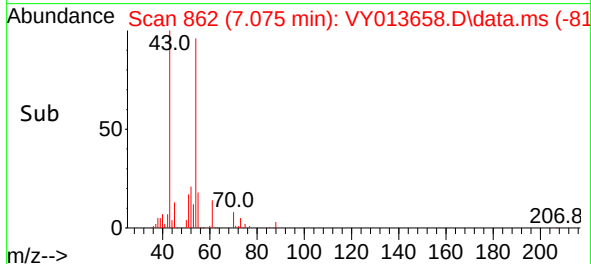
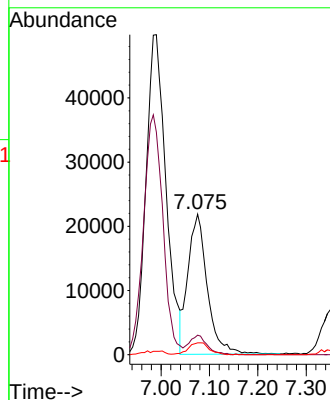
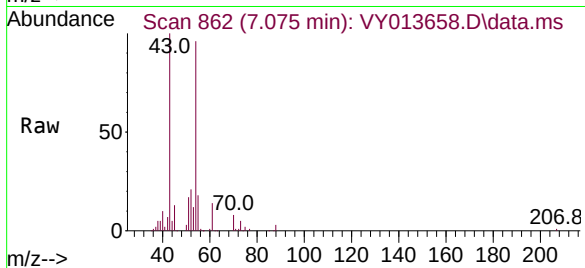
Tgt Ion: 43 Resp: 60735

Ion Ratio Lower Upper

43 100

61 12.8 11.4 17.0

70 9.0 7.9 11.9



#38

Carbon Tetrachloride

Concen: 24.453 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.001 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

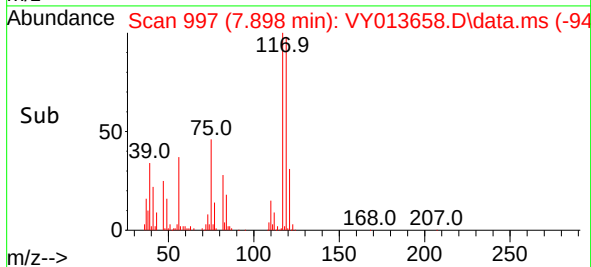
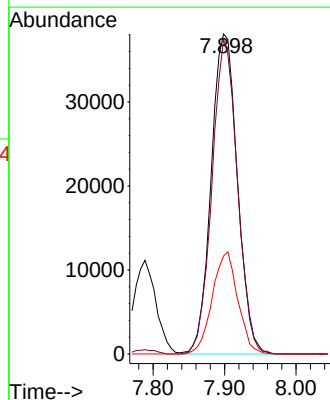
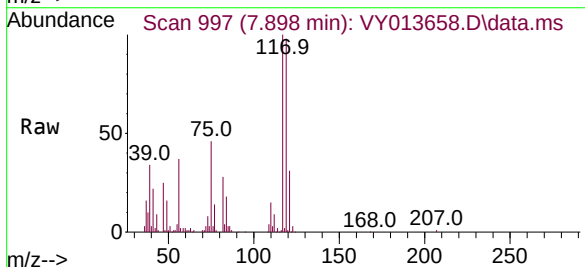
Tgt Ion: 117 Resp: 97092

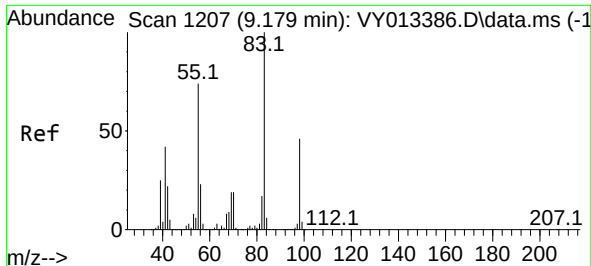
Ion Ratio Lower Upper

117 100

119 98.3 79.0 118.6

121 30.6 26.6 40.0





#39

Methylcyclohexane

Concen: 21.790 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

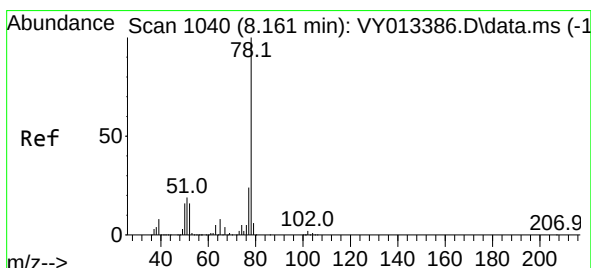
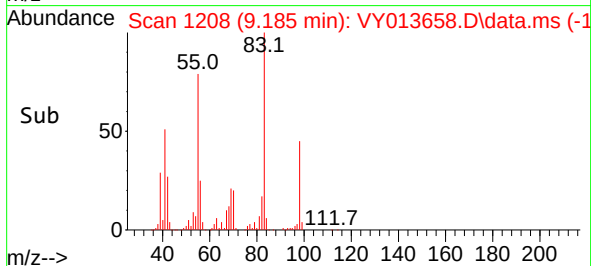
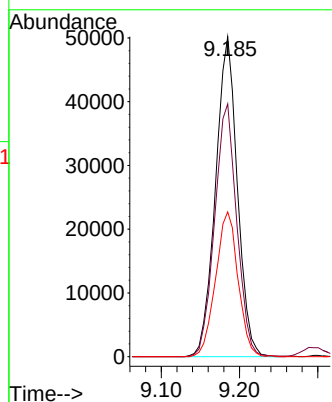
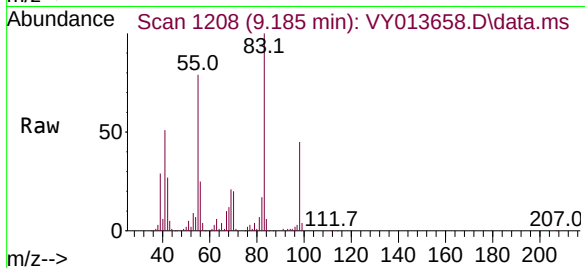
Tgt Ion: 83 Resp: 97313

Ion Ratio Lower Upper

83 100

55 79.0 59.0 88.4

98 45.3 37.0 55.4



#40

Benzene

Concen: 23.556 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013658.D

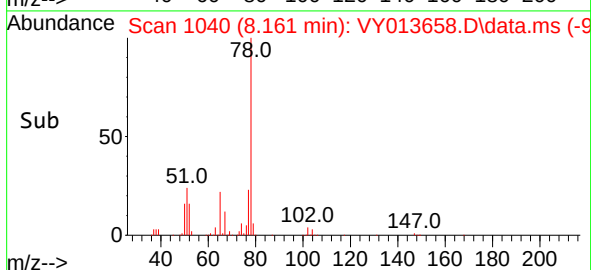
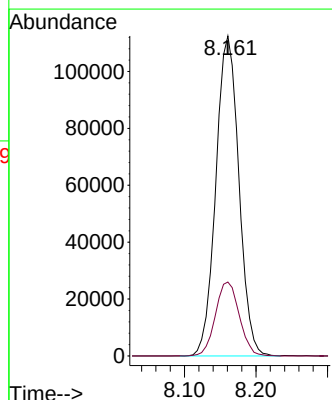
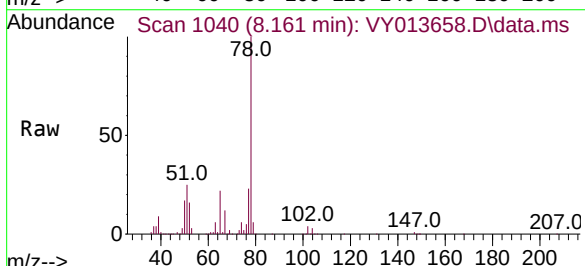
Acq: 09 May 2023 11:12

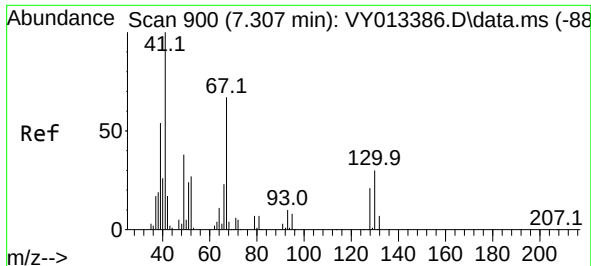
Tgt Ion: 78 Resp: 251362

Ion Ratio Lower Upper

78 100

77 23.1 19.2 28.8

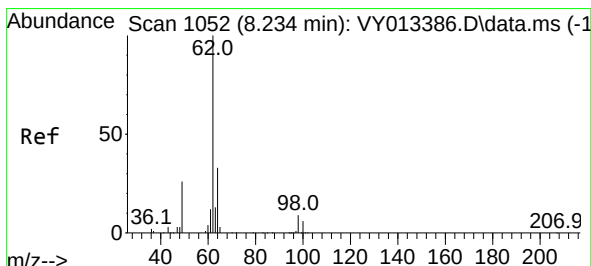
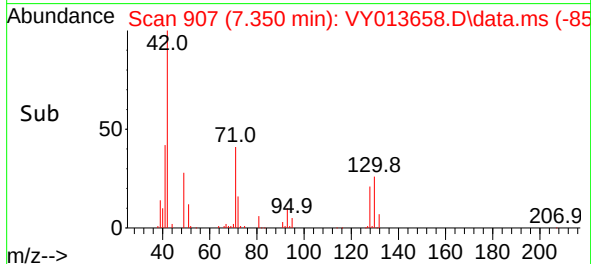
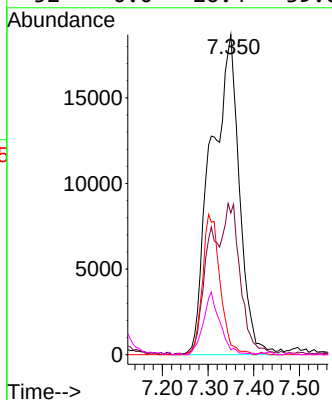
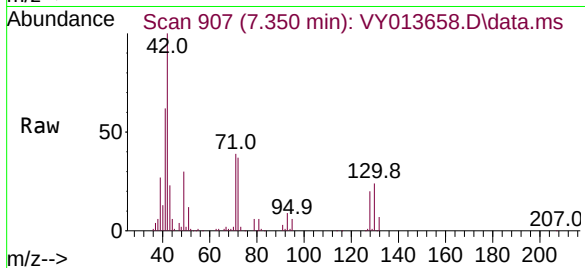




#41
Methacrylonitrile
Concen: 60.292 ug/l
RT: 7.350 min Scan# 900
Delta R.T. 0.043 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

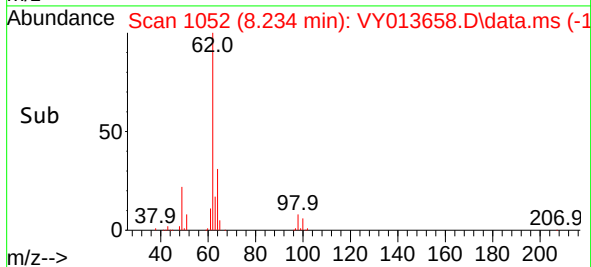
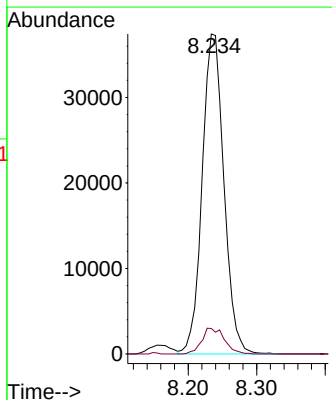
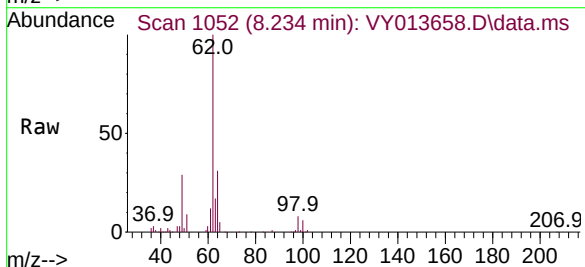
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

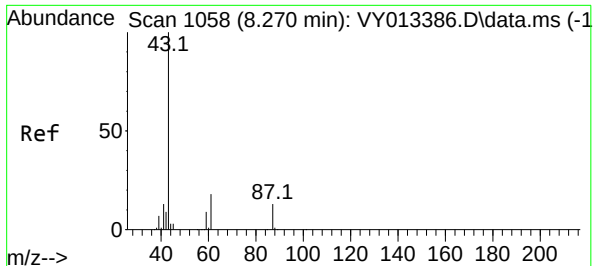
Tgt Ion: 41 Resp: 80095
Ion Ratio Lower Upper
41 100
39 28.7 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 23.699 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 62 Resp: 82679
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.8

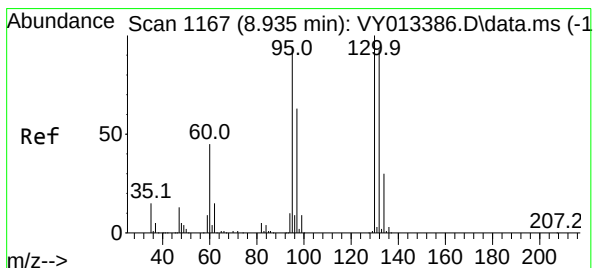
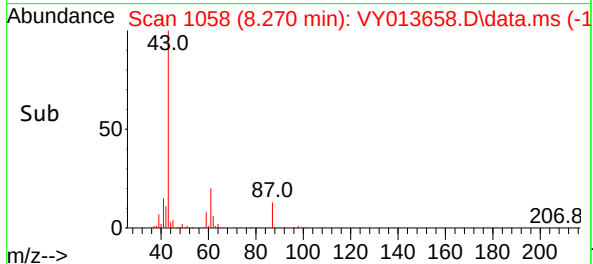
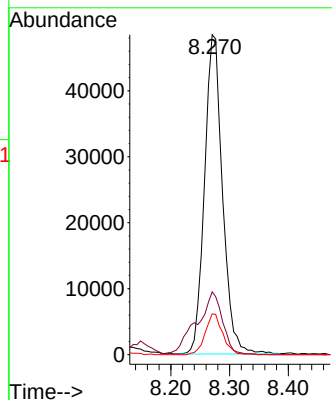
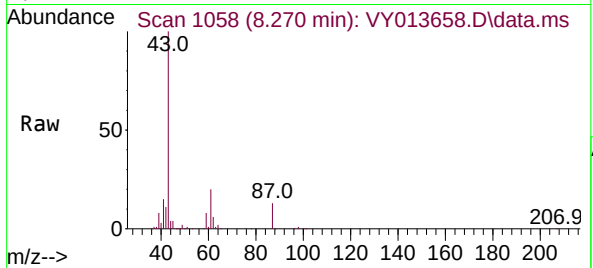




#43
Isopropyl Acetate
Concen: 21.386 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

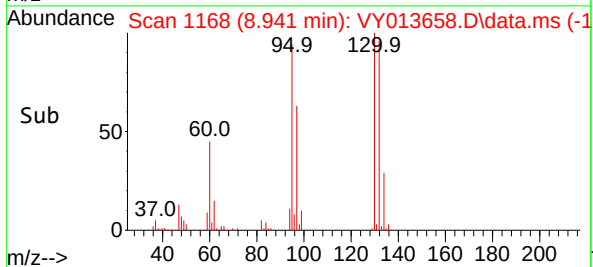
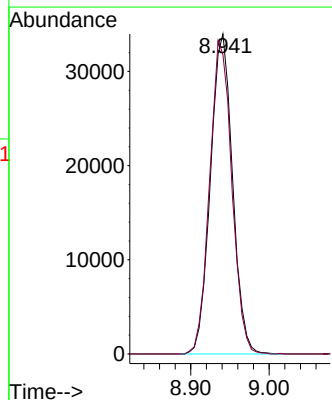
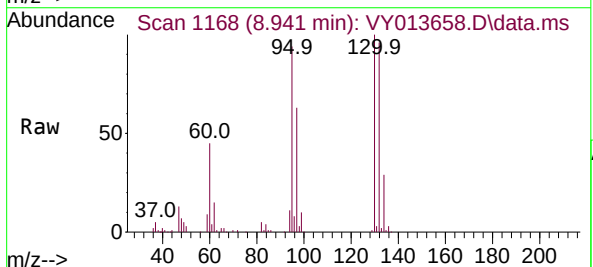
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

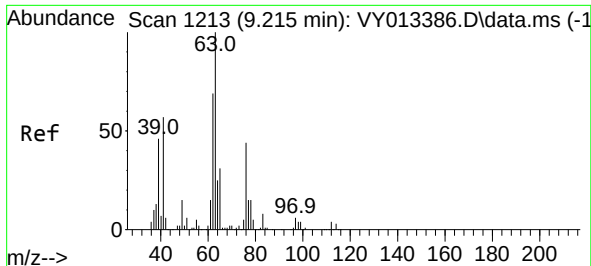
Tgt Ion: 43 Resp: 102905
Ion Ratio Lower Upper
43 100
61 28.2 22.2 33.4
87 12.5 11.0 16.6



#44
Trichloroethene
Concen: 23.451 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion:130 Resp: 66565
Ion Ratio Lower Upper
130 100
95 93.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 23.038 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

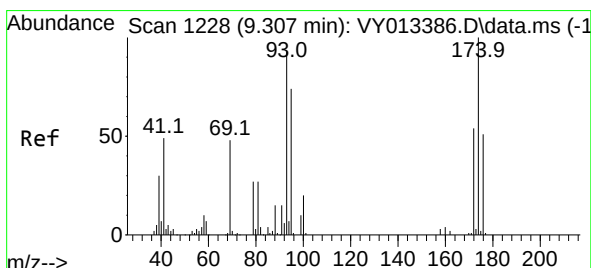
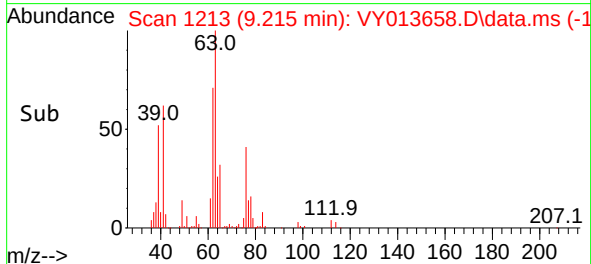
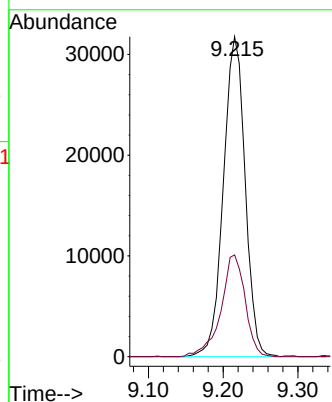
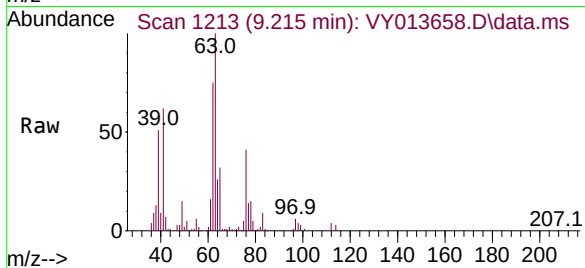
VY0509SBS01

Tgt Ion: 63 Resp: 64279

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#46

Dibromomethane

Concen: 23.049 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

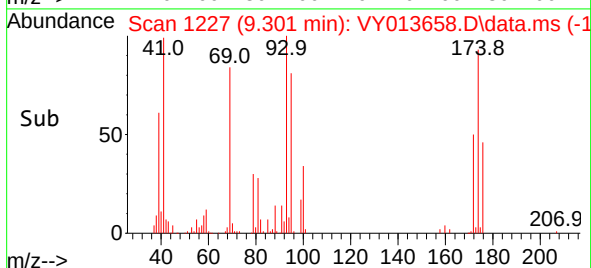
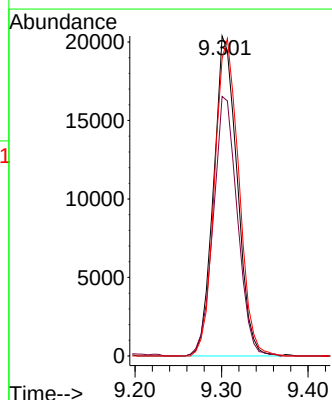
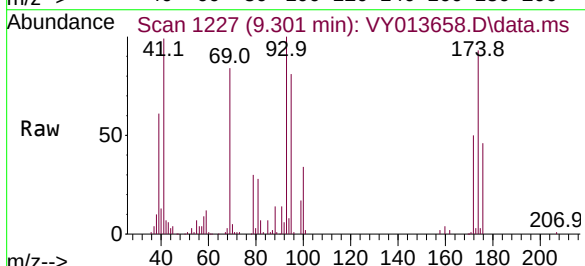
Tgt Ion: 93 Resp: 38478

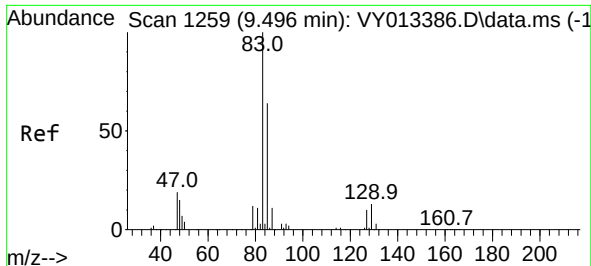
Ion Ratio Lower Upper

93 100

95 82.6 67.1 100.7

174 101.9 87.0 130.4

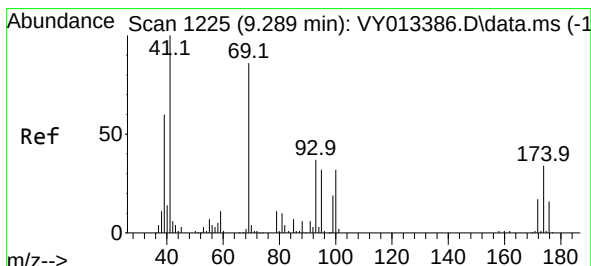
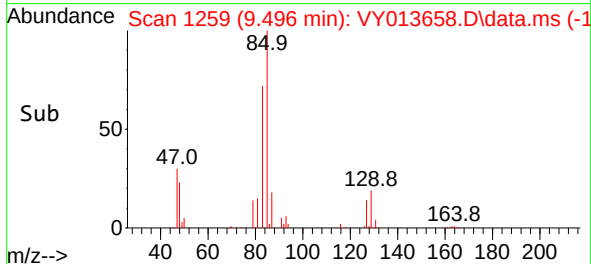
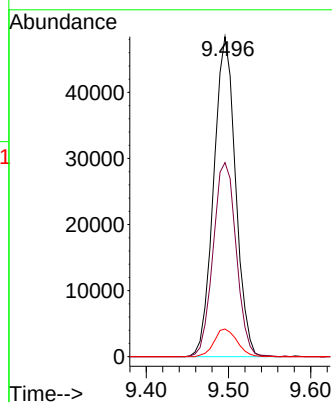
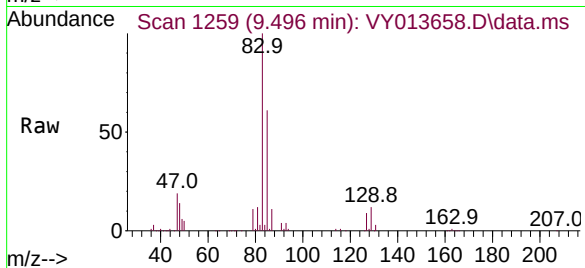




#47
Bromodichloromethane
Concen: 23.979 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

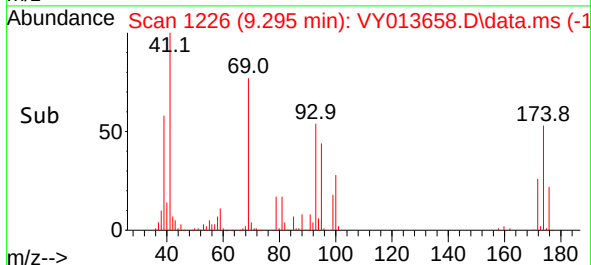
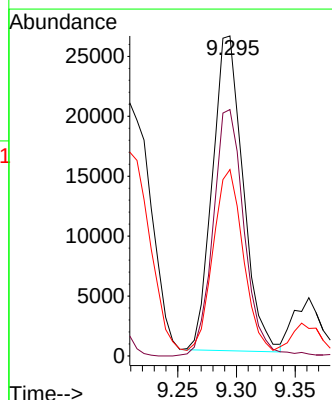
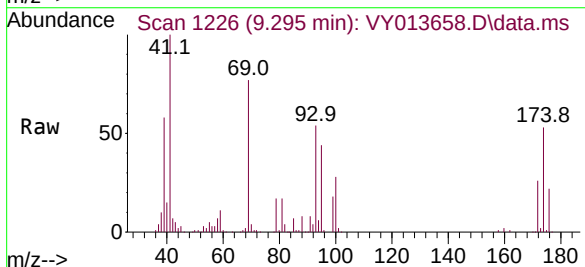
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

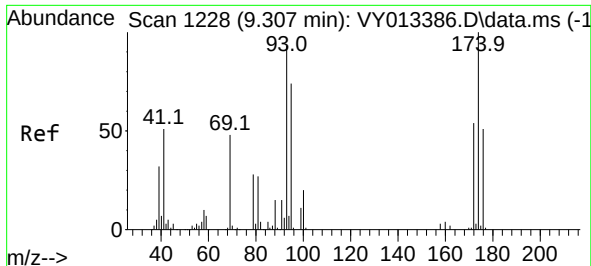
Tgt Ion: 83 Resp: 89576
Ion Ratio Lower Upper
83 100
85 60.6 51.4 77.2
127 8.7 8.1 12.1



#48
Methyl methacrylate
Concen: 21.609 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 41 Resp: 47753
Ion Ratio Lower Upper
41 100
69 79.4 70.2 105.4
39 56.4 47.9 71.9





#49

1,4-Dioxane

Concen: 389.215 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

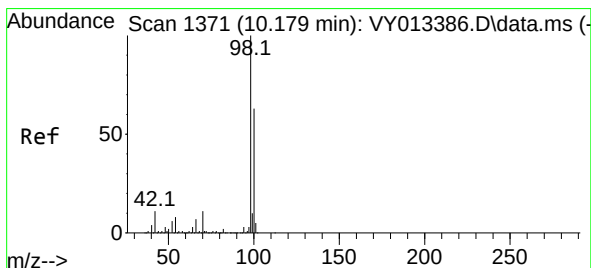
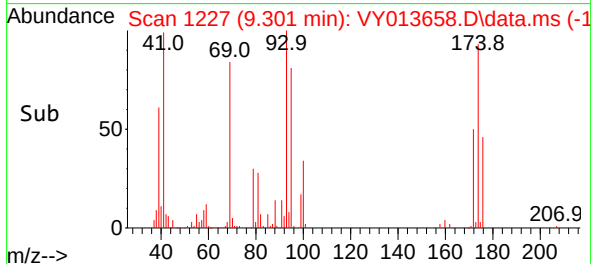
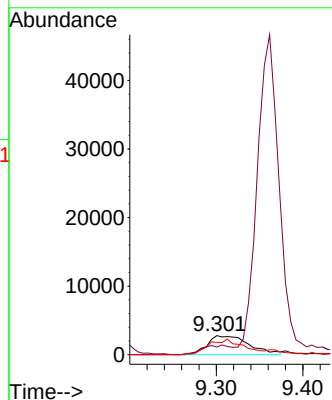
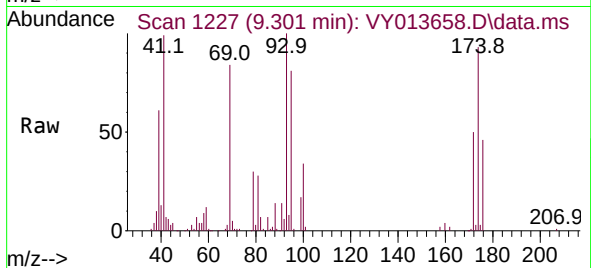
Tgt Ion: 88 Resp: 9280

Ion Ratio Lower Upper

88 100

43 34.5 16.8 25.2#

58 68.1 54.3 81.5



#50

Toluene-d8

Concen: 51.457 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013658.D

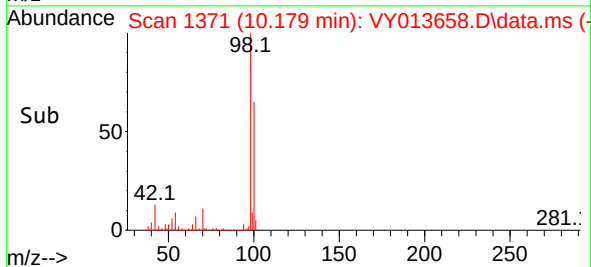
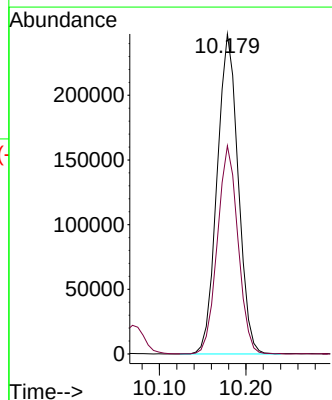
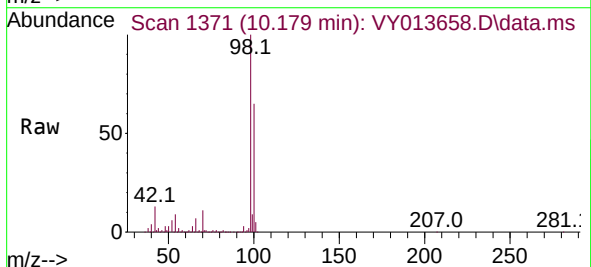
Acq: 09 May 2023 11:12

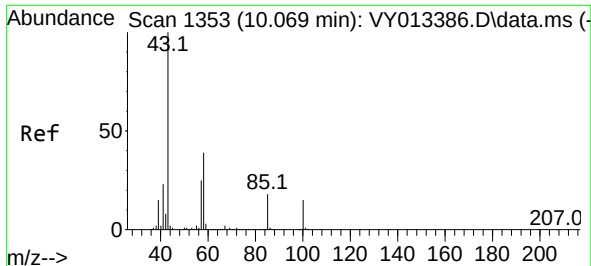
Tgt Ion: 98 Resp: 417833

Ion Ratio Lower Upper

98 100

100 63.6 50.5 75.7

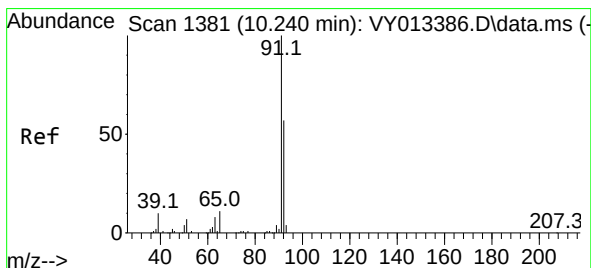
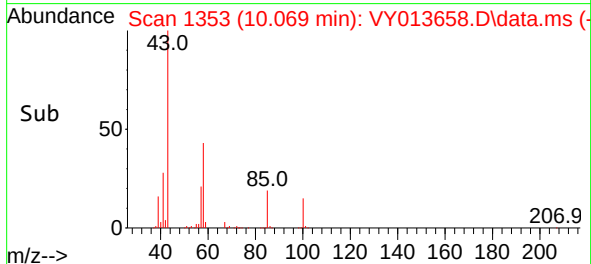
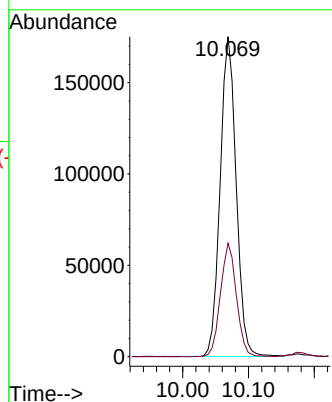
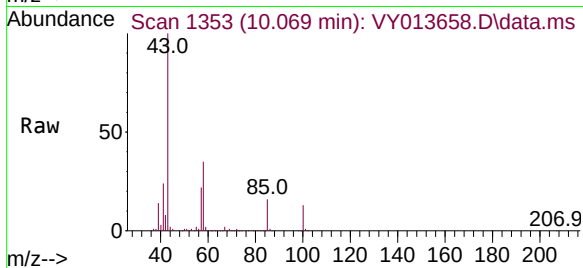




#51
4-Methyl-2-Pentanone
Concen: 110.860 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

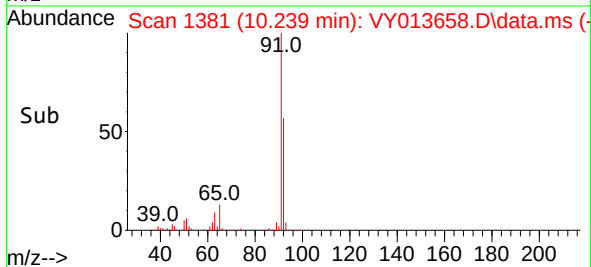
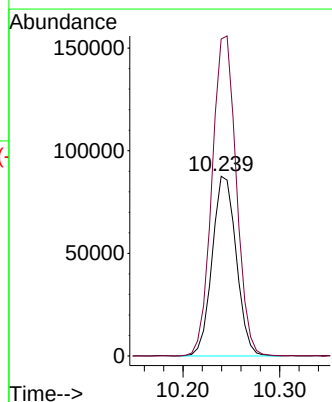
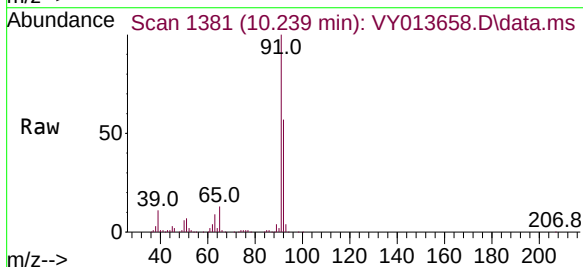
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

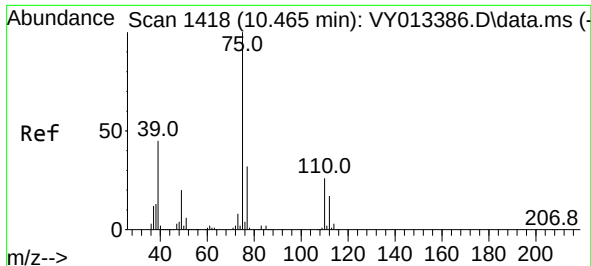
Tgt Ion: 43 Resp: 297256
Ion Ratio Lower Upper
43 100
58 35.3 30.6 46.0



#52
Toluene
Concen: 23.547 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 92 Resp: 151207
Ion Ratio Lower Upper
92 100
91 180.4 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 22.921 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

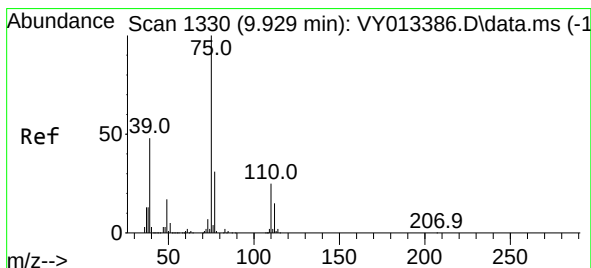
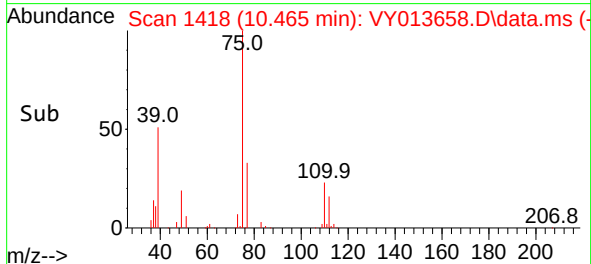
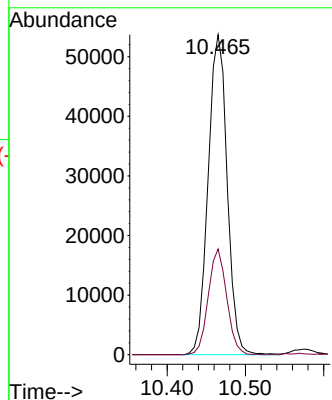
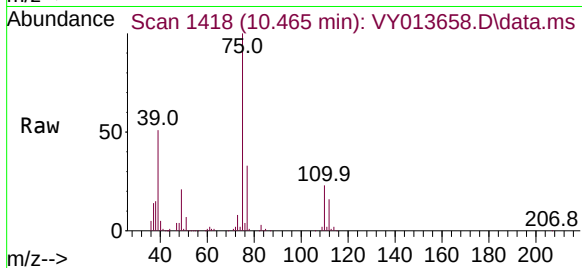
VY0509SBS01

Tgt Ion: 75 Resp: 90618

Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 22.771 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

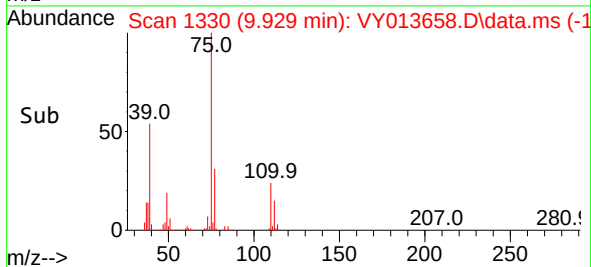
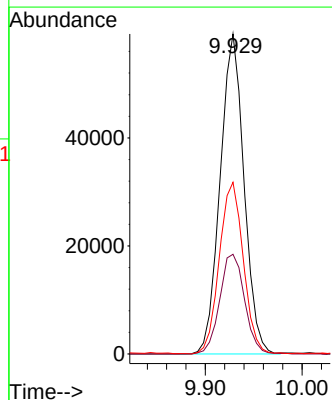
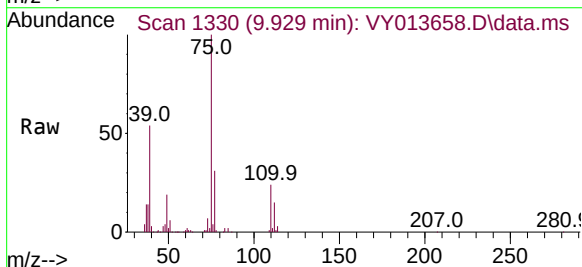
Tgt Ion: 75 Resp: 101300

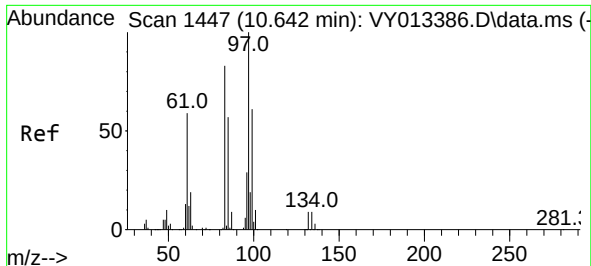
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 53.5 38.1 57.1

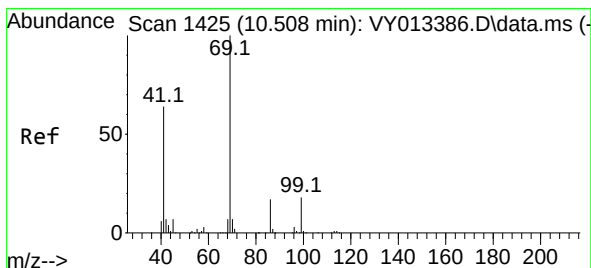
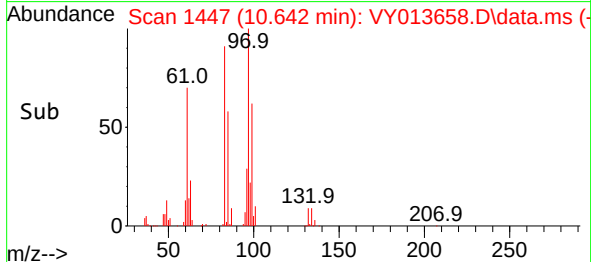
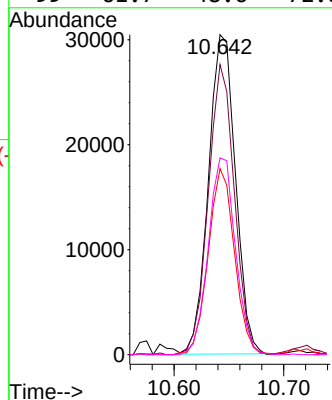
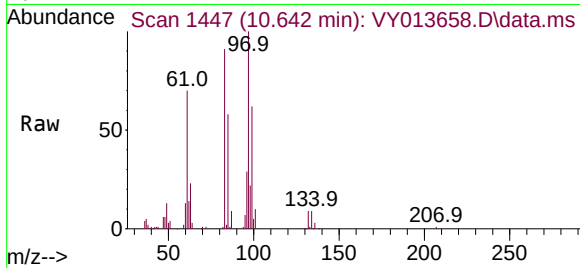




#55
1,1,2-Trichloroethane
Concen: 23.595 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

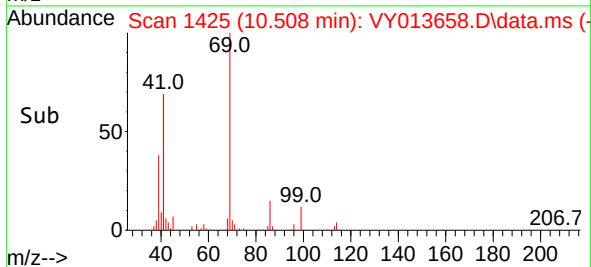
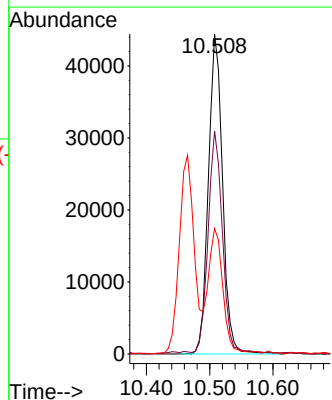
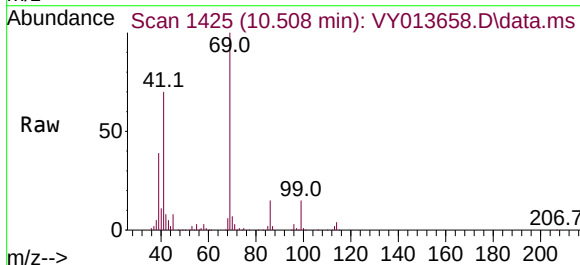
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

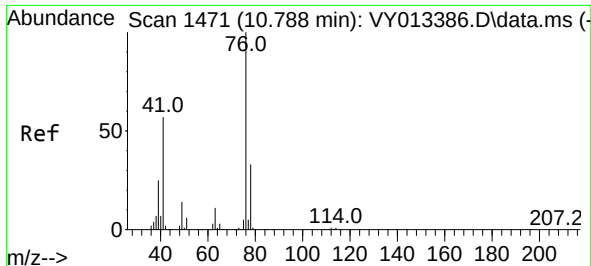
Tgt Ion: 97	Resp: 52163
Ion Ratio	Lower Upper
97 100	
83 90.4	66.4 99.6
85 57.9	45.6 68.4
99 61.7	48.6 72.8



#56
Ethyl methacrylate
Concen: 22.569 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 69	Resp: 69224		
Ion Ratio	Lower	Upper	
69 100			
41 69.7	51.4	77.0	
39 39.2	29.0	43.6	





#57

1,3-Dichloropropane

Concen: 23.281 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

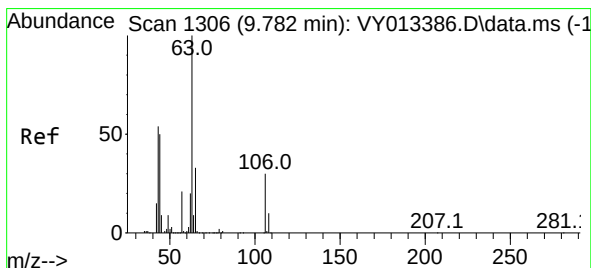
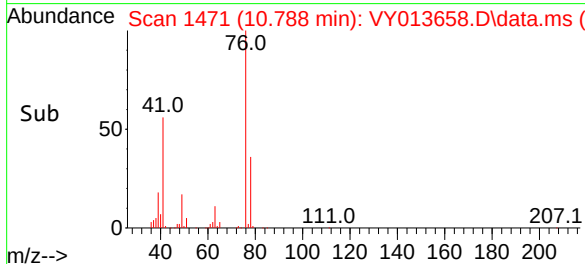
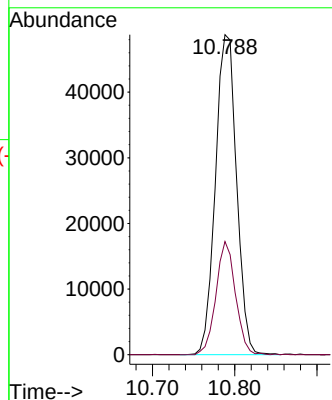
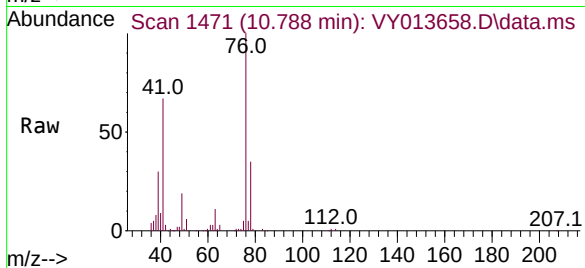
VY0509SBS01

Tgt Ion: 76 Resp: 87170

Ion Ratio Lower Upper

76 100

78 32.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 119.894 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013658.D

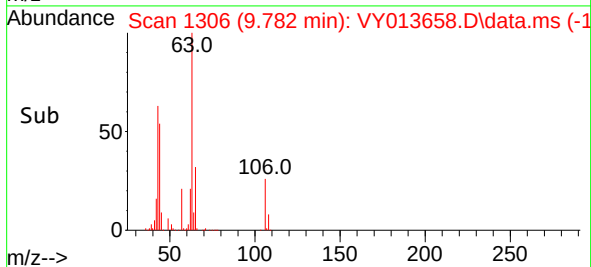
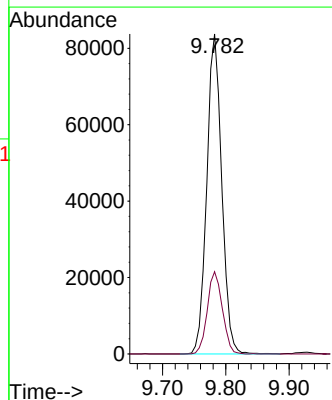
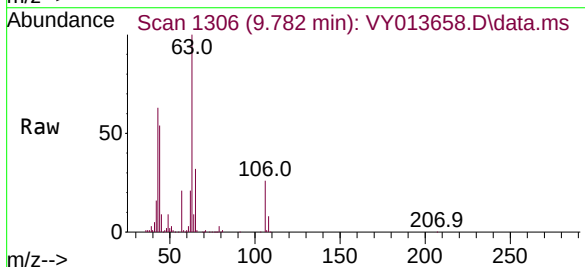
Acq: 09 May 2023 11:12

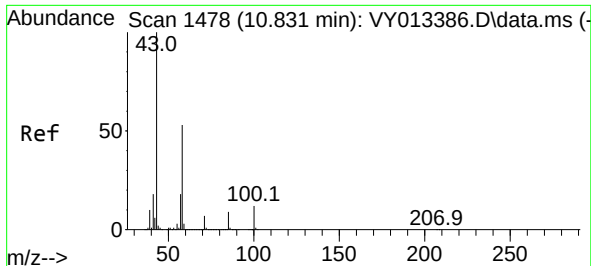
Tgt Ion: 63 Resp: 137895

Ion Ratio Lower Upper

63 100

106 25.8 23.5 35.3

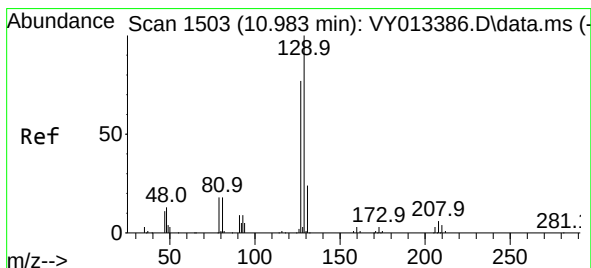
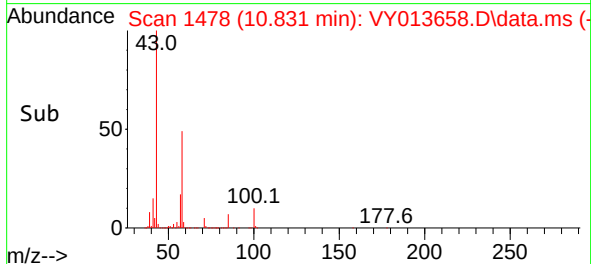
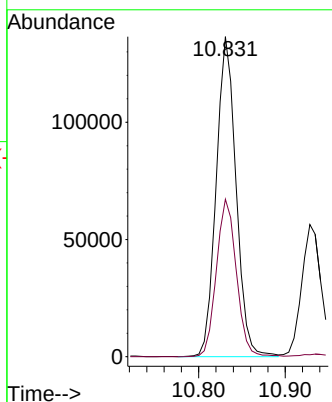
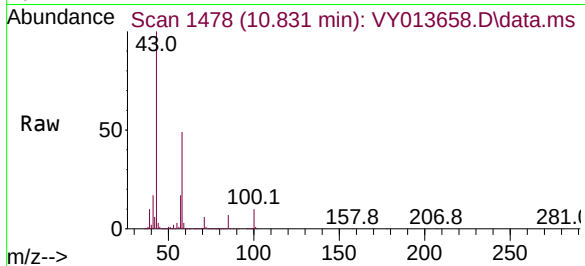




#59
2-Hexanone
Concen: 111.554 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

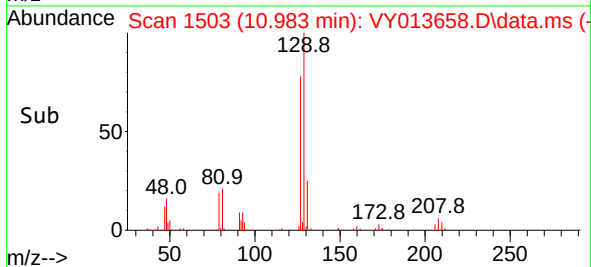
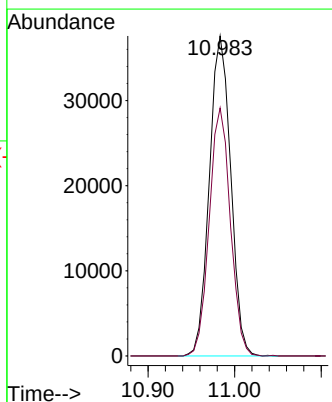
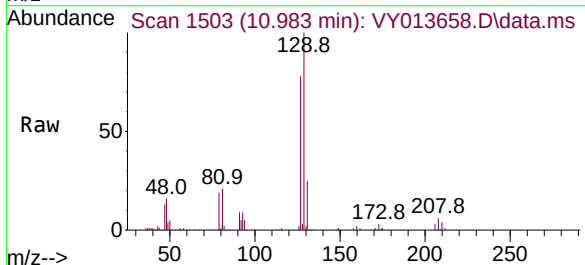
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

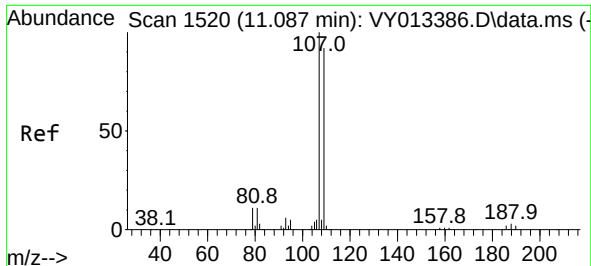
Tgt Ion: 43 Resp: 217434
Ion Ratio Lower Upper
43 100
58 49.5 26.3 78.8



#60
Dibromochloromethane
Concen: 24.013 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 129 Resp: 64462
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1

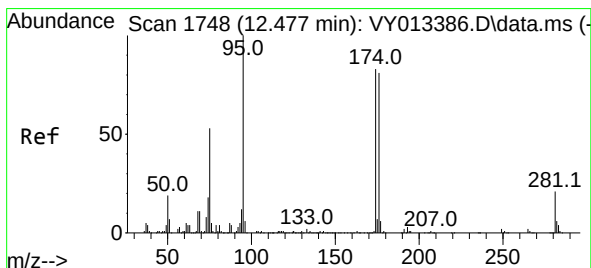
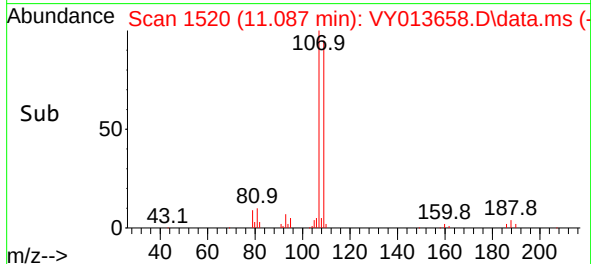
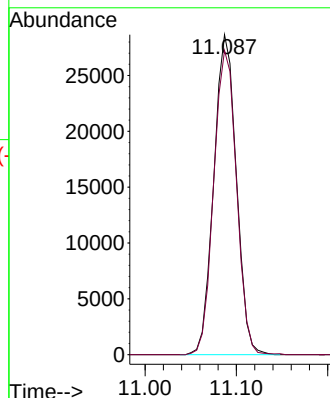
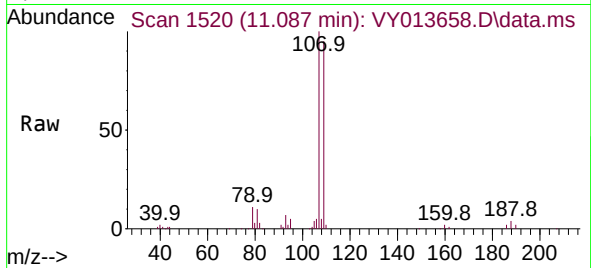




#61
1,2-Dibromoethane
Concen: 22.589 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

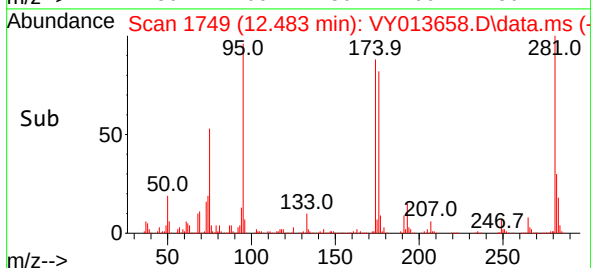
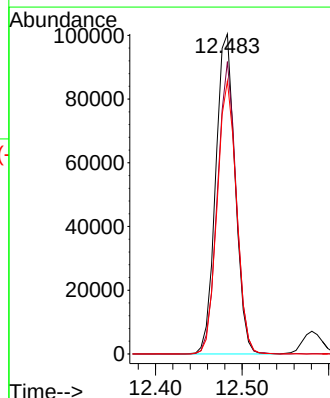
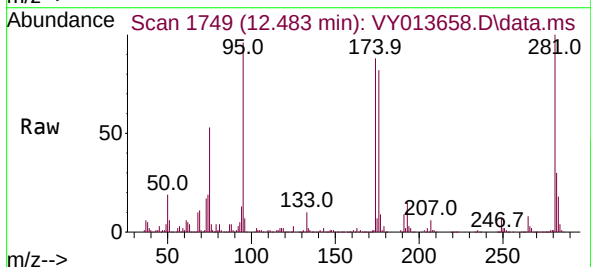
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

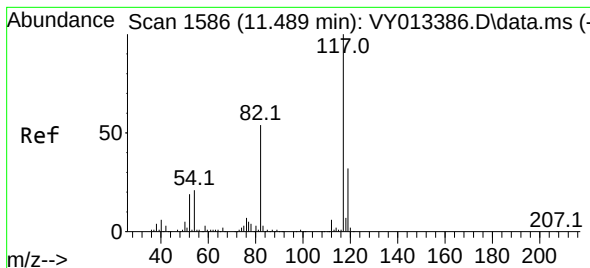
Tgt Ion:107 Resp: 49098
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.157 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 95 Resp: 156467
Ion Ratio Lower Upper
95 100
174 88.1 0.0 182.0
176 84.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

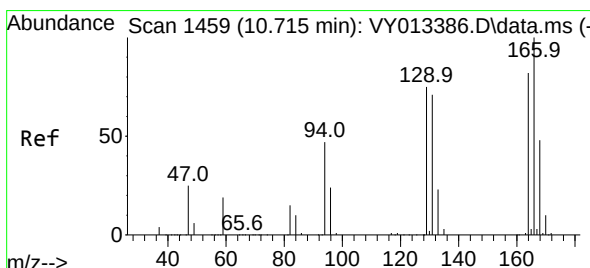
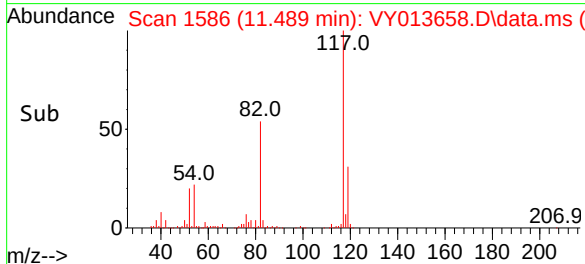
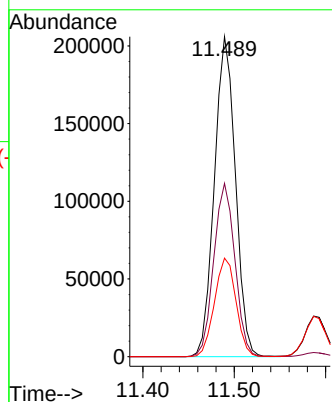
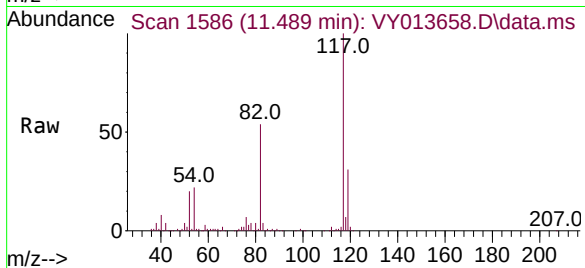
Tgt Ion:117 Resp: 329978

Ion Ratio Lower Upper

117 100

82 54.2 43.0 64.6

119 30.8 25.5 38.3



#64

Tetrachloroethene

Concen: 23.003 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Tgt Ion:164 Resp: 57719

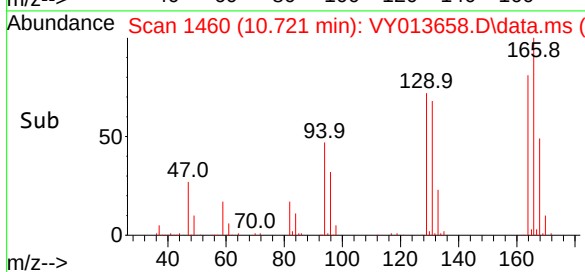
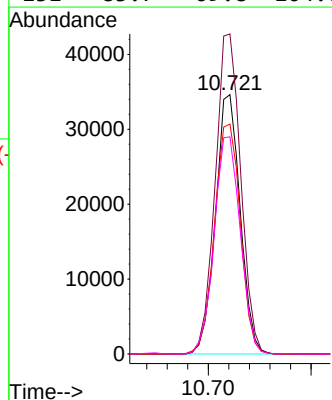
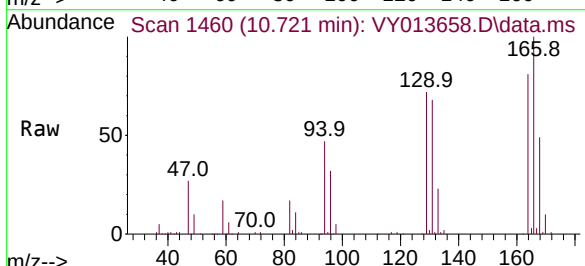
Ion Ratio Lower Upper

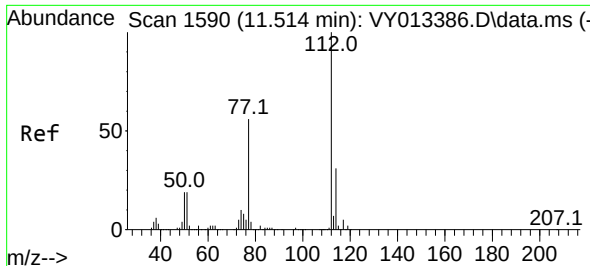
164 100

166 123.3 97.5 146.3

129 88.6 72.6 109.0

131 83.7 69.8 104.6

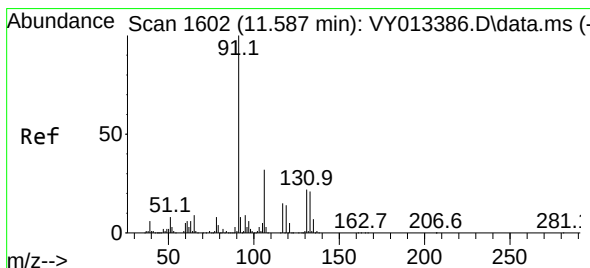
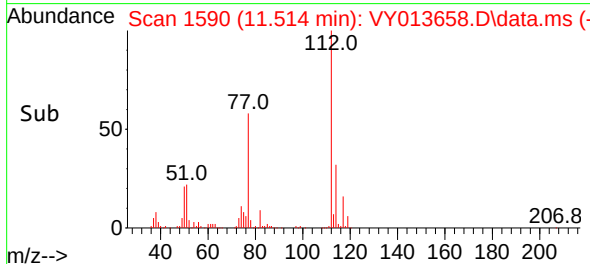
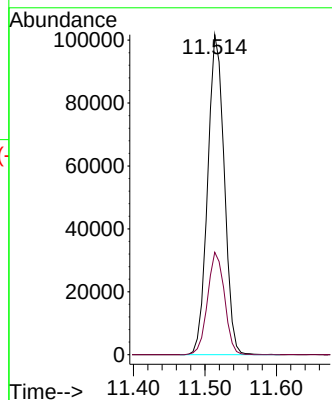
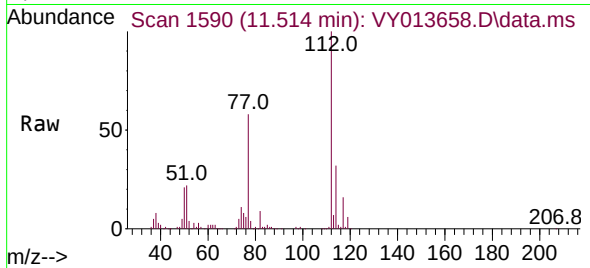




#65
Chlorobenzene
Concen: 22.787 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

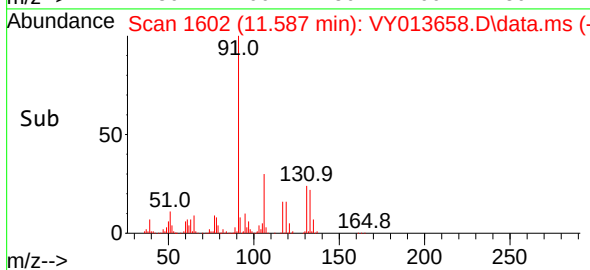
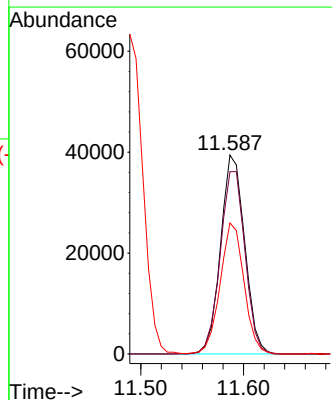
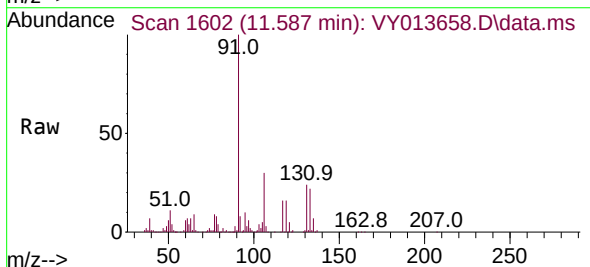
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

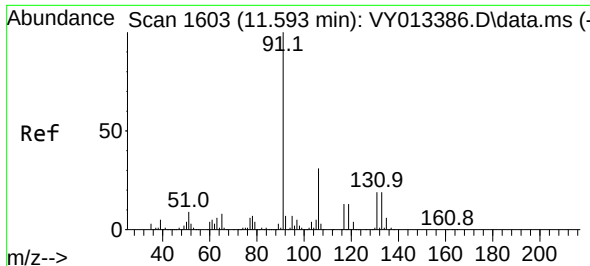
Tgt Ion:112 Resp: 163799
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.876 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion:131 Resp: 64188
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 65.2 32.6 98.0

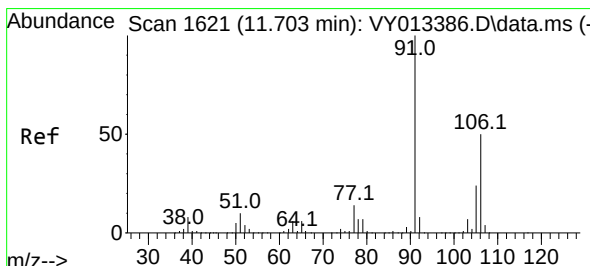
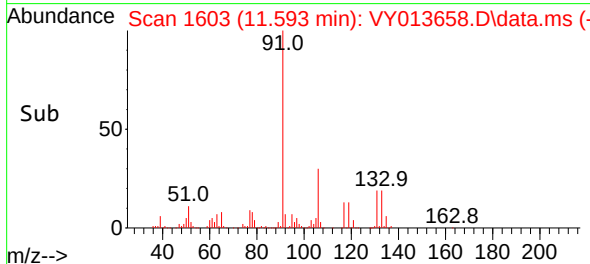
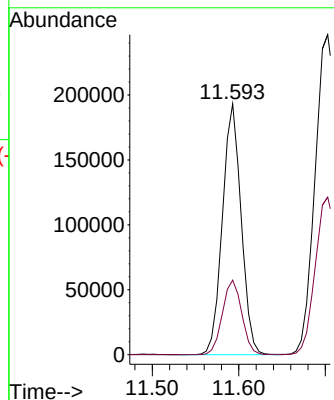
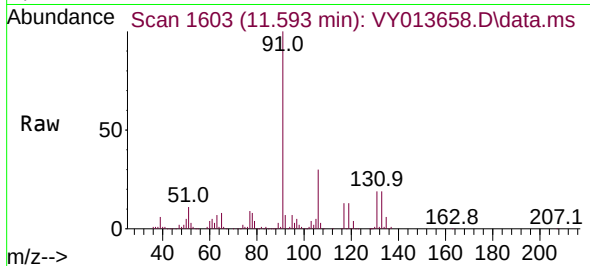




#67
Ethyl Benzene
Concen: 22.977 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

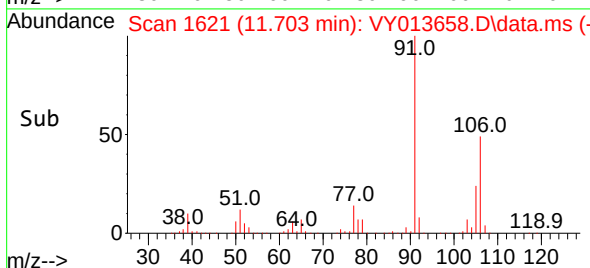
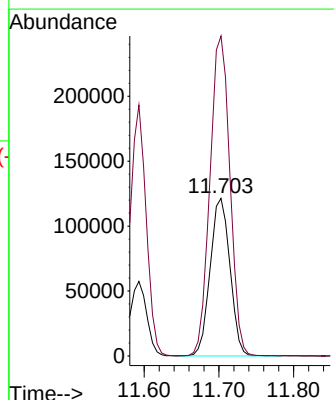
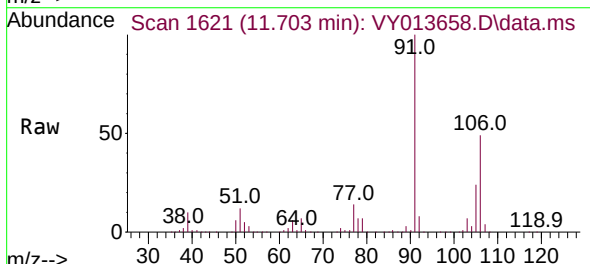
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

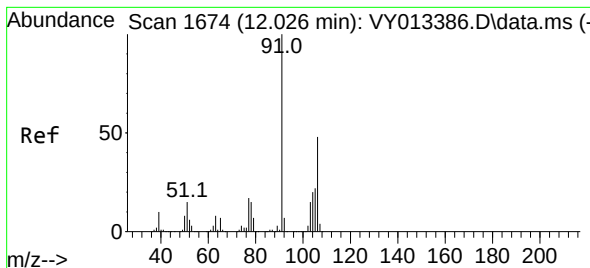
Tgt Ion: 91 Resp: 290024
Ion Ratio Lower Upper
91 100
106 29.7 25.1 37.7



#68
m/p-Xylenes
Concen: 46.622 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 106 Resp: 223715
Ion Ratio Lower Upper
106 100
91 204.3 160.9 241.3





#69

o-Xylene

Concen: 22.625 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

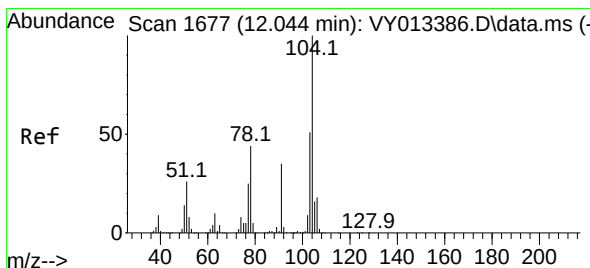
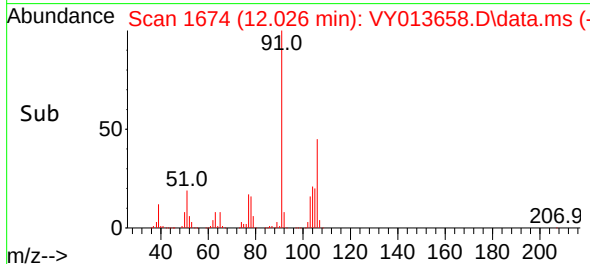
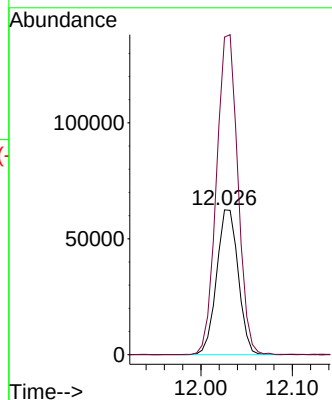
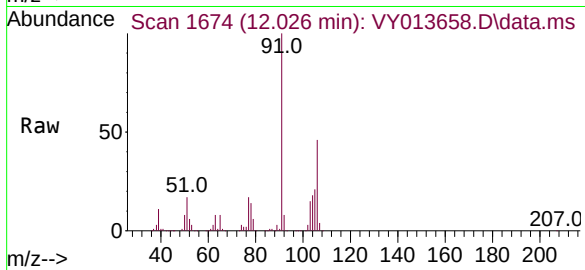
VY0509SBS01

Tgt Ion:106 Resp: 102677

Ion Ratio Lower Upper

106 100

91 219.0 105.5 316.4



#70

Styrene

Concen: 23.654 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

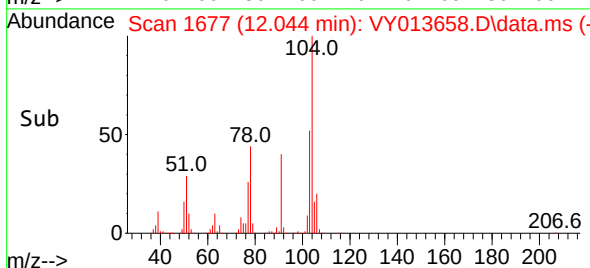
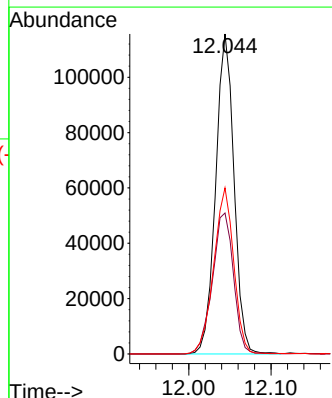
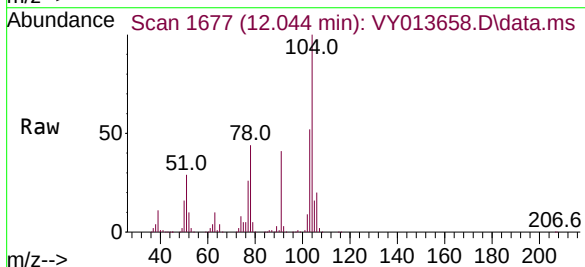
Tgt Ion:104 Resp: 179486

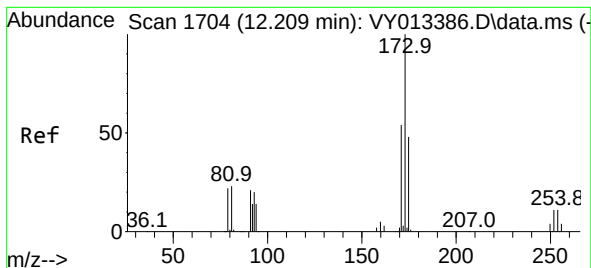
Ion Ratio Lower Upper

104 100

78 50.5 40.3 60.5

103 56.6 45.0 67.4





#71

Bromoform

Concen: 23.120 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

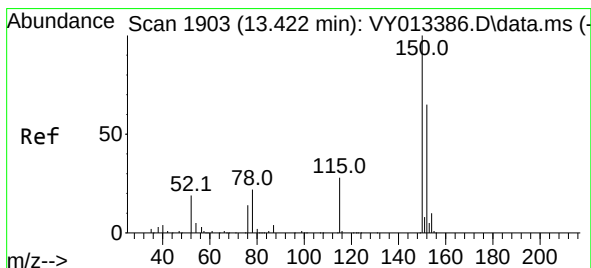
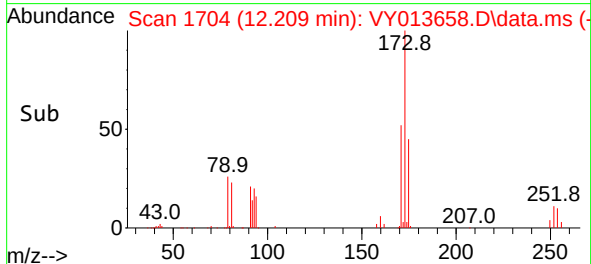
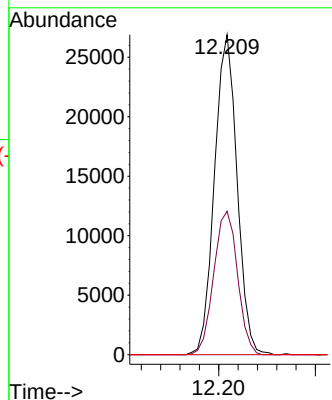
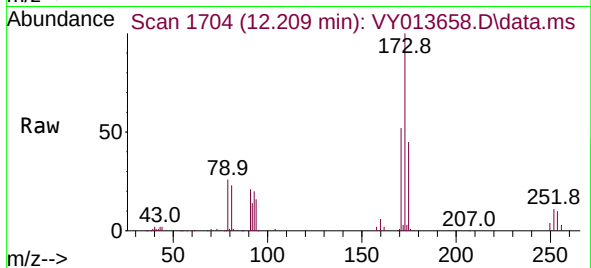
Tgt Ion:173 Resp: 43537

Ion Ratio Lower Upper

173 100

175 47.3 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

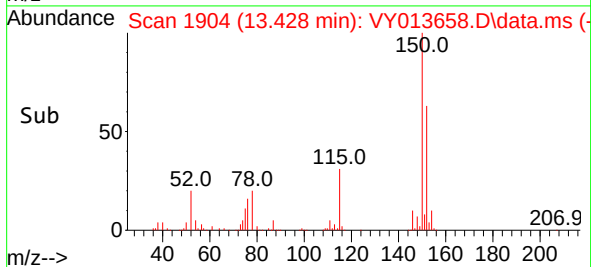
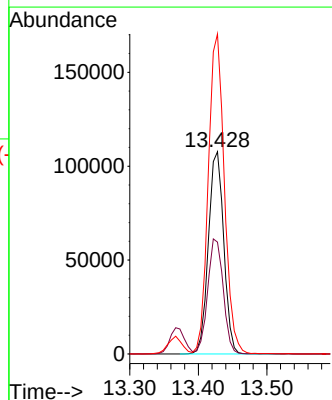
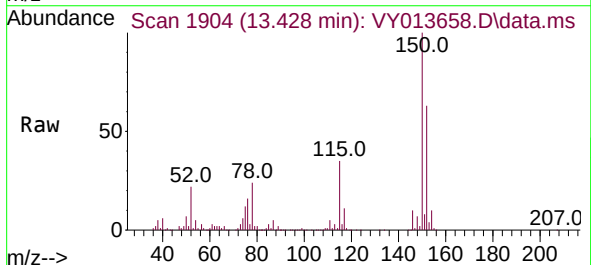
Tgt Ion:152 Resp: 167680

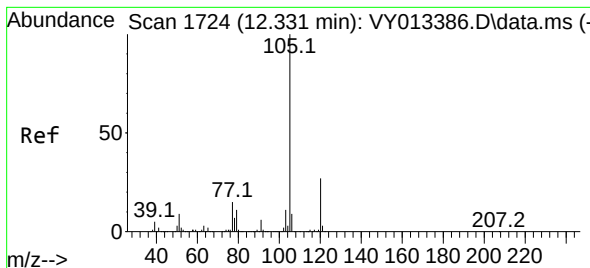
Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.2

150 165.4 0.0 352.0





#73

Isopropylbenzene

Concen: 22.038 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

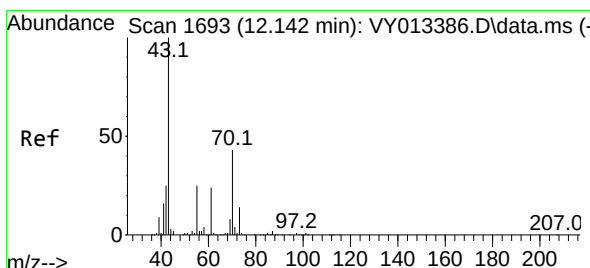
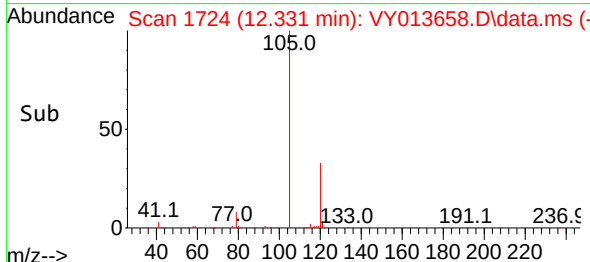
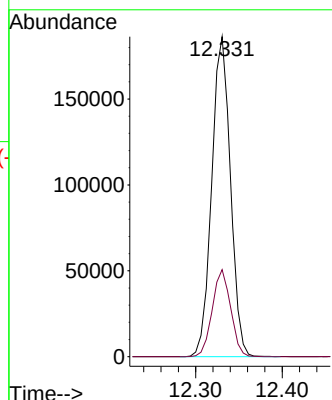
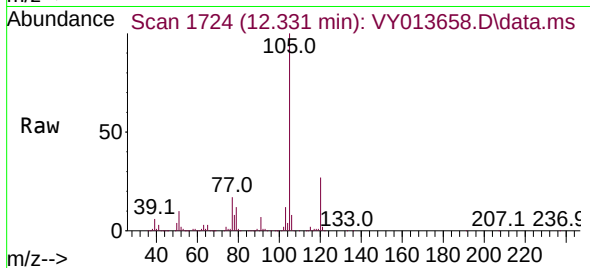
VY0509SBS01

Tgt Ion:105 Resp: 279500

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.0



#74

N-ethyl acetate

Concen: 19.891 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Tgt Ion: 43 Resp: 89774

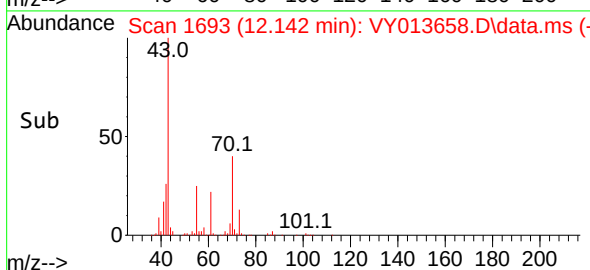
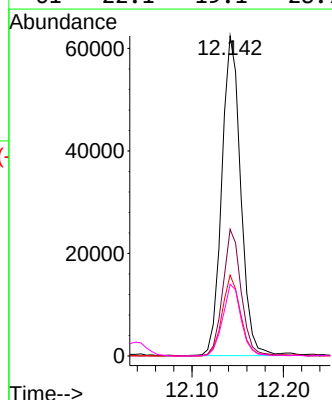
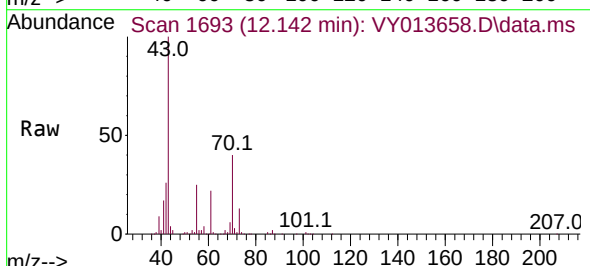
Ion Ratio Lower Upper

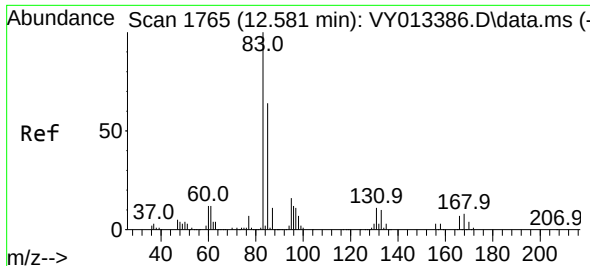
43 100

70 38.6 33.0 49.4

55 24.4 19.8 29.6

61 22.1 19.1 28.7

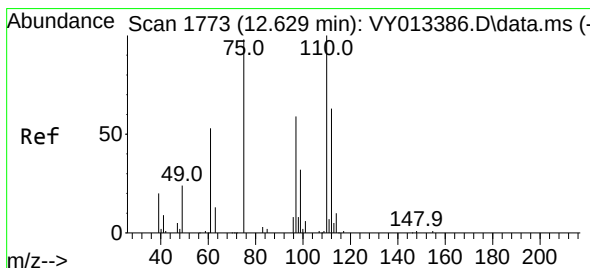
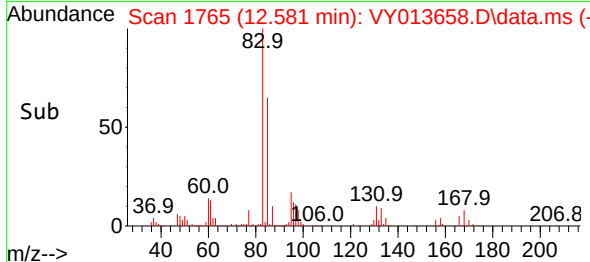
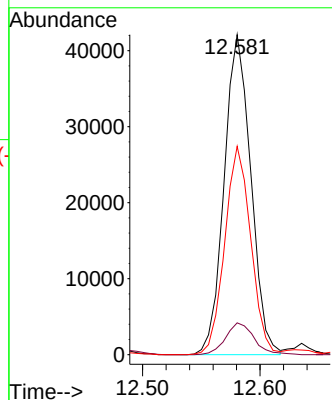
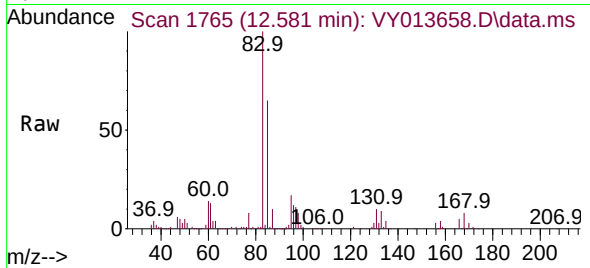




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.463 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013658.D
 Acq: 09 May 2023 11:12

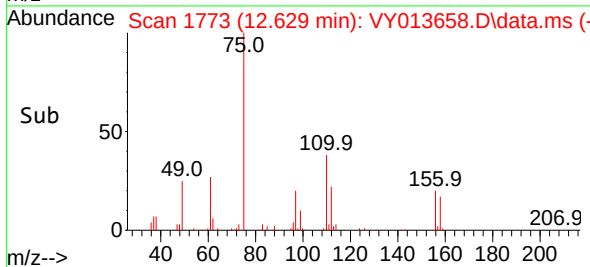
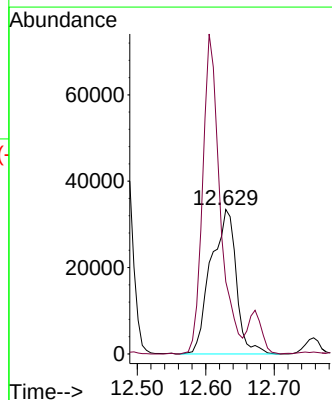
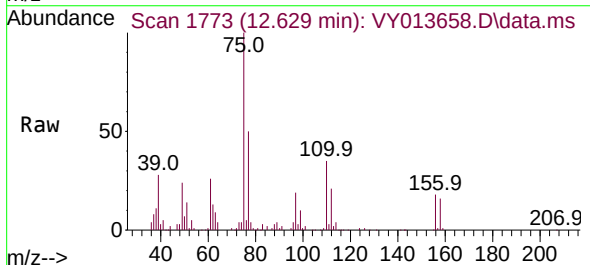
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

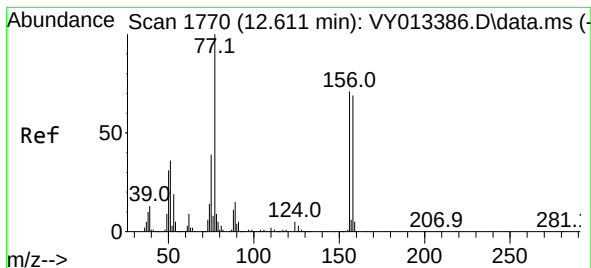
Tgt Ion: 83 Resp: 66534
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.7 17.0
 85 63.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 37.948 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY013658.D
 Acq: 09 May 2023 11:12

Tgt Ion: 75 Resp: 85815
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.579 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

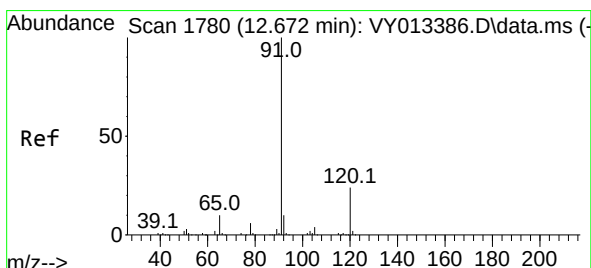
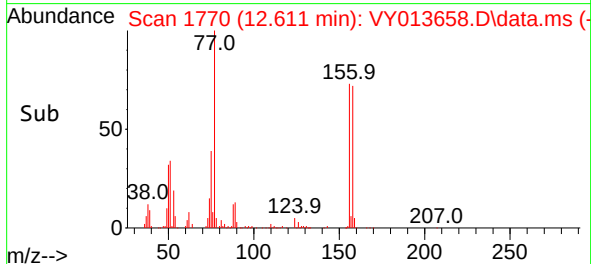
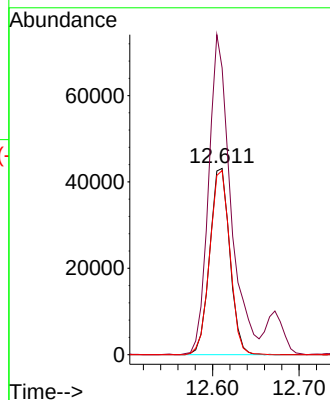
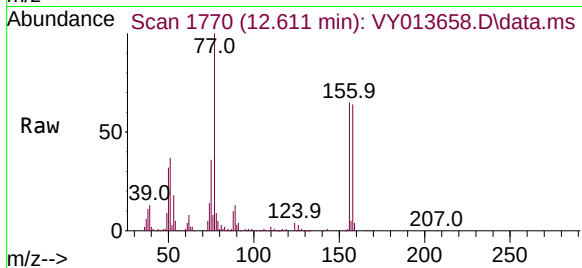
Tgt Ion:156 Resp: 69388

Ion Ratio Lower Upper

156 100

77 189.3 87.6 262.9

158 99.4 48.5 145.5



#78

n-propylbenzene

Concen: 22.123 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013658.D

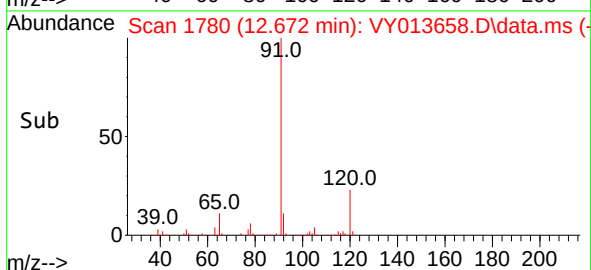
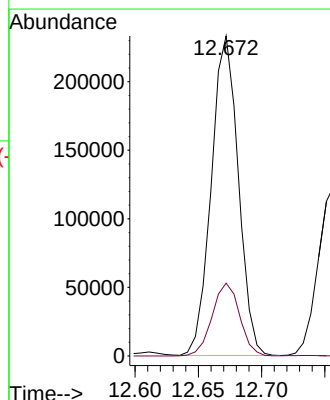
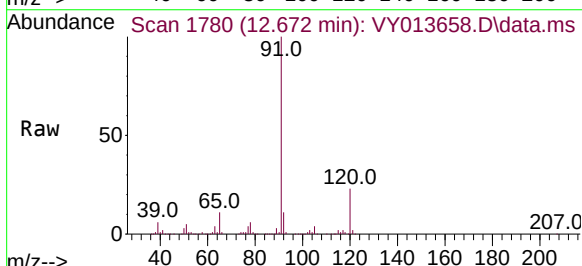
Acq: 09 May 2023 11:12

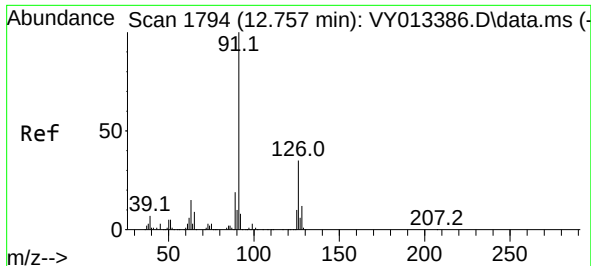
Tgt Ion: 91 Resp: 345603

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 22.077 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

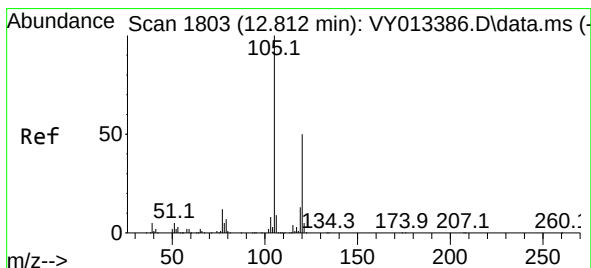
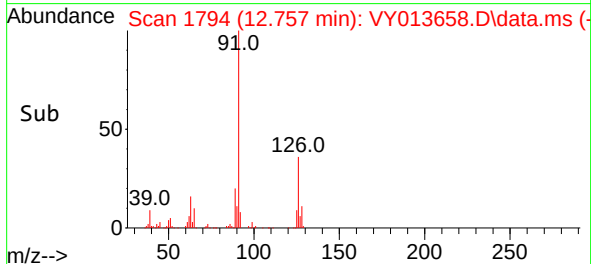
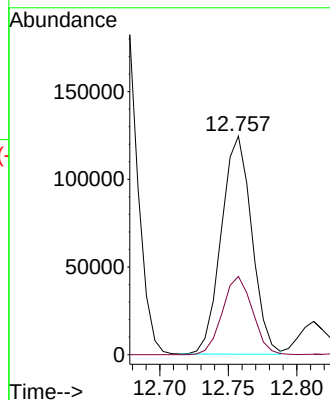
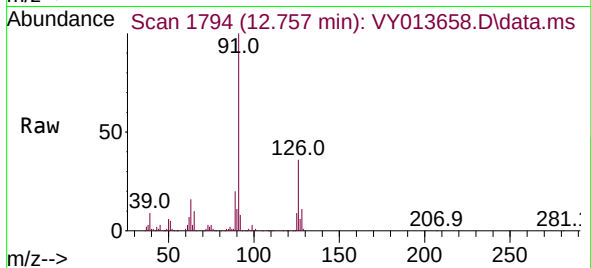
VY0509SBS01

Tgt Ion: 91 Resp: 192587

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 22.675 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013658.D

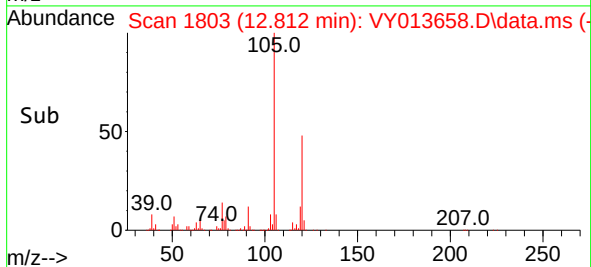
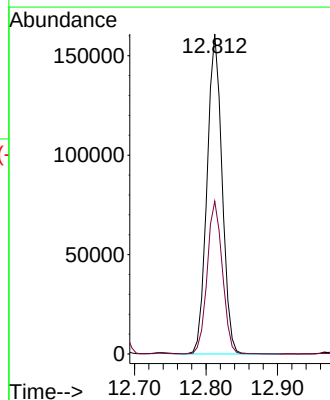
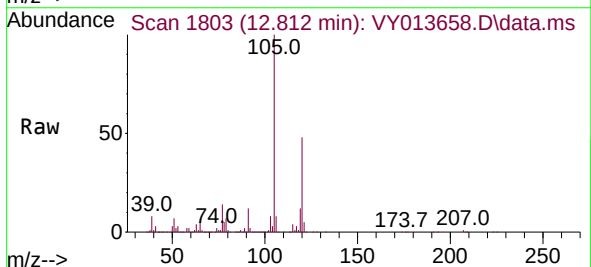
Acq: 09 May 2023 11:12

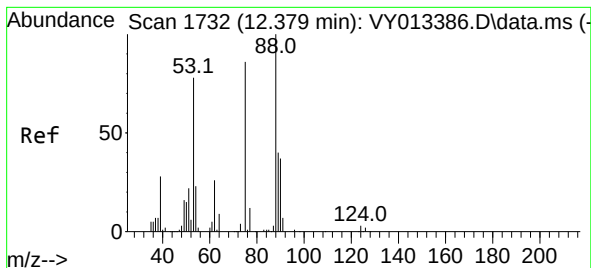
Tgt Ion: 105 Resp: 234727

Ion Ratio Lower Upper

105 100

120 48.2 24.7 74.1

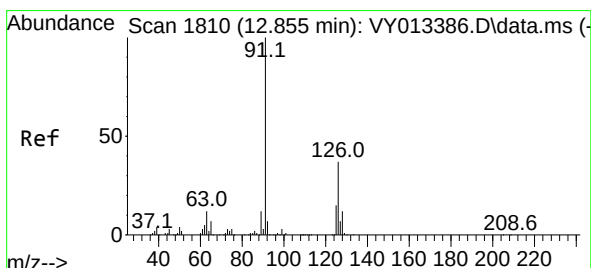
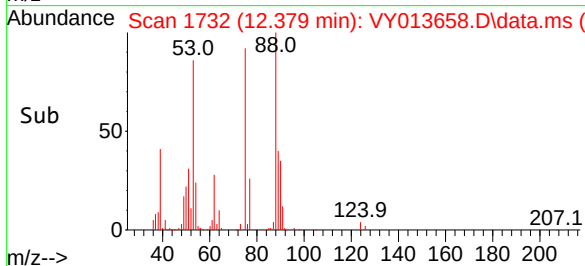
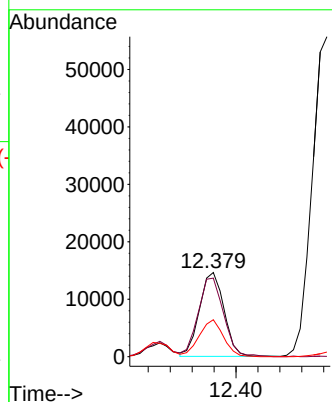
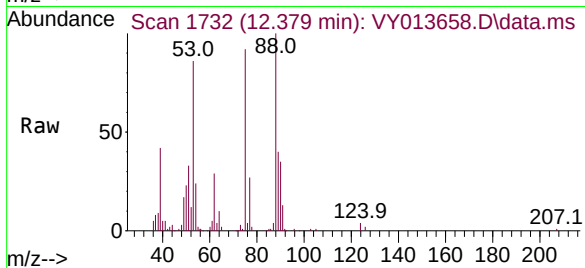




#81
trans-1,4-Dichloro-2-butene
Concen: 20.460 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

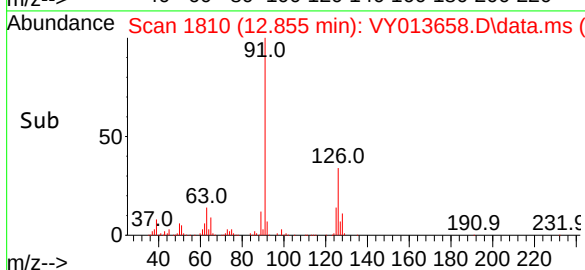
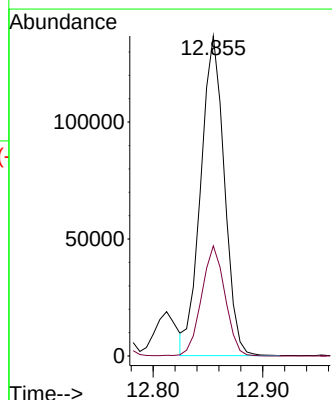
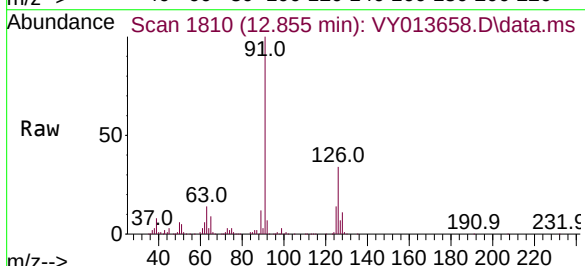
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

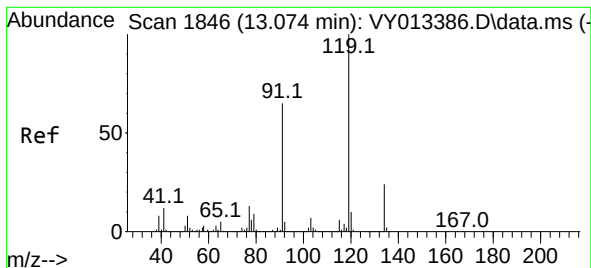
Tgt Ion: 75 Resp: 22619
Ion Ratio Lower Upper
75 100
53 97.9 73.2 109.8
89 43.8 38.0 57.0



#82
4-Chlorotoluene
Concen: 22.491 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 91 Resp: 204495
Ion Ratio Lower Upper
91 100
126 34.2 17.9 53.8





#83

tert-Butylbenzene

Concen: 22.730 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

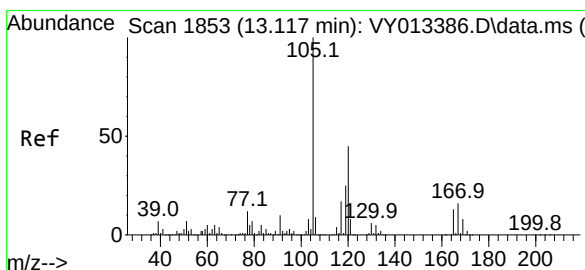
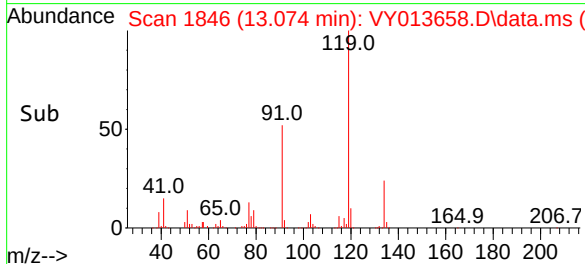
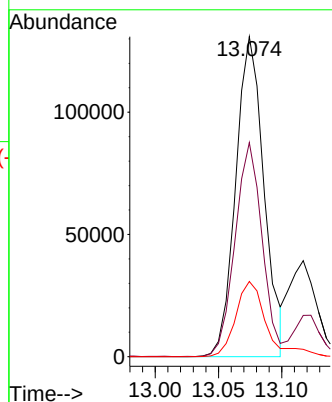
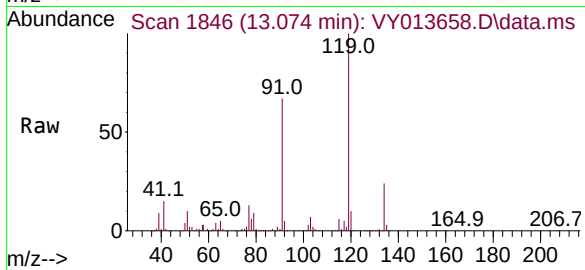
Tgt Ion:119 Resp: 203852

Ion Ratio Lower Upper

119 100

91 63.8 32.2 96.6

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.957 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013658.D

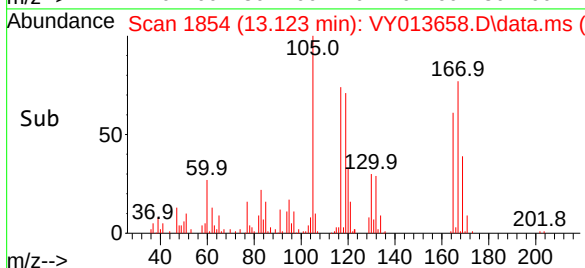
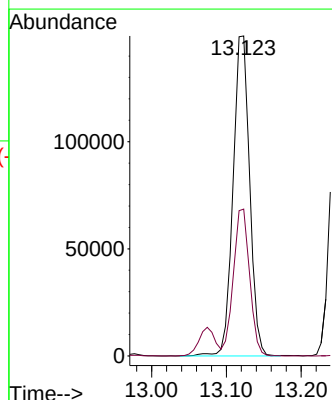
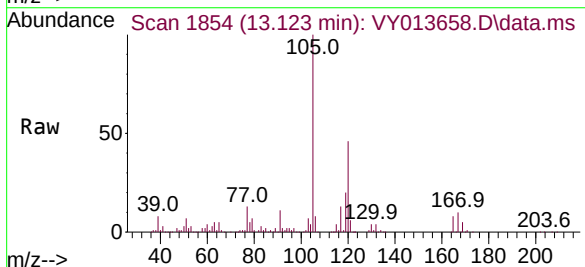
Acq: 09 May 2023 11:12

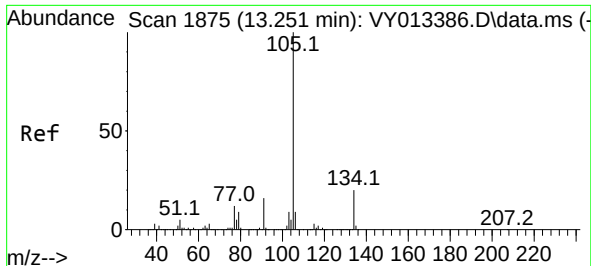
Tgt Ion:105 Resp: 231044

Ion Ratio Lower Upper

105 100

120 45.0 22.3 66.9

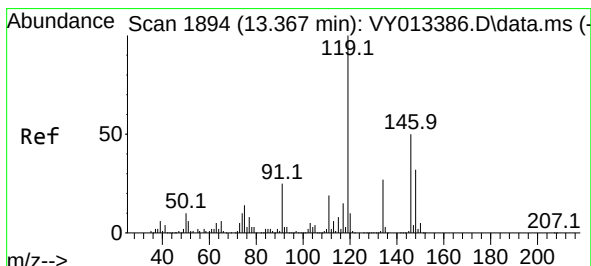
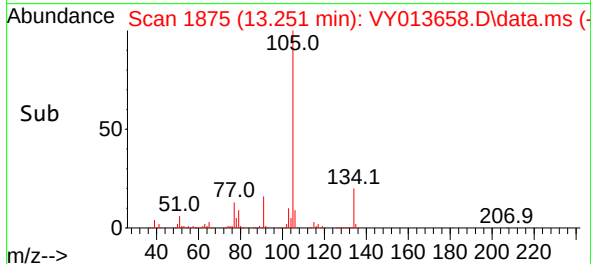
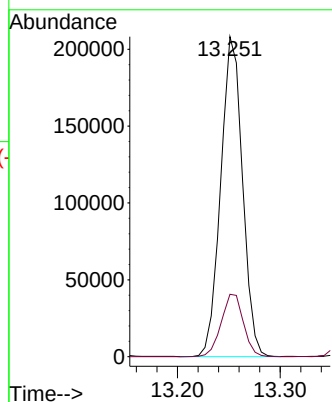
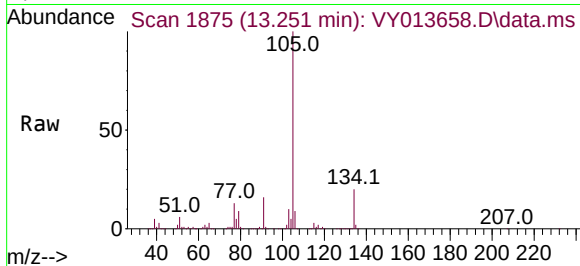




#85
 sec-Butylbenzene
 Concen: 22.772 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013658.D
 Acq: 09 May 2023 11:12

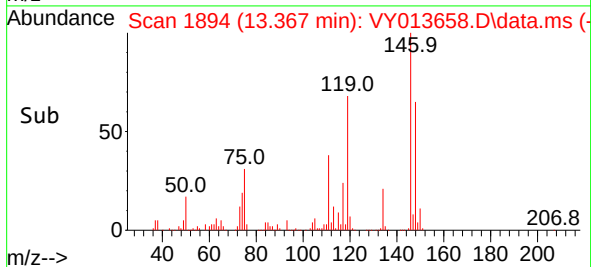
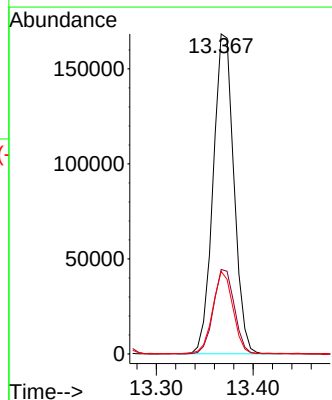
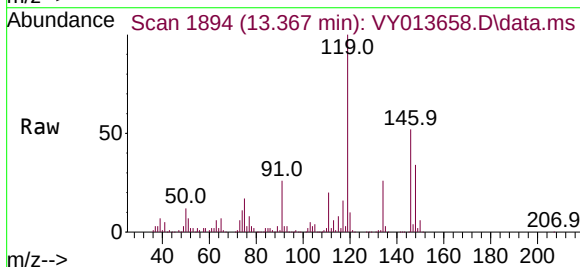
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

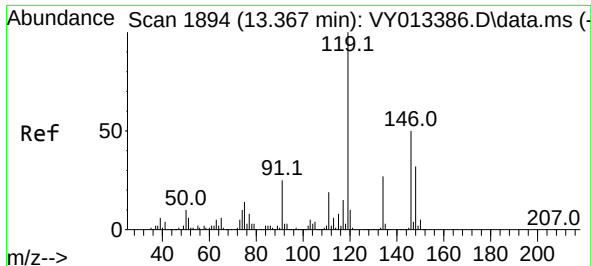
Tgt Ion:105 Resp: 306511
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 23.121 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013658.D
 Acq: 09 May 2023 11:12

Tgt Ion:119 Resp: 250263
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 25.0 12.1 36.3

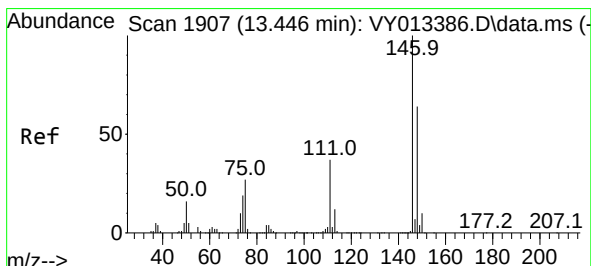
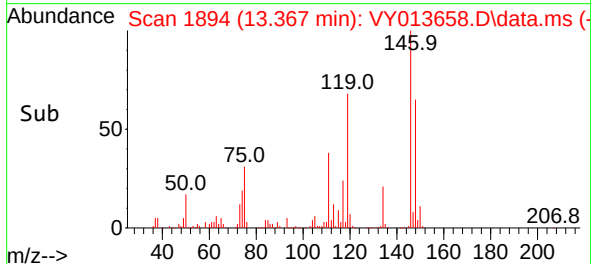
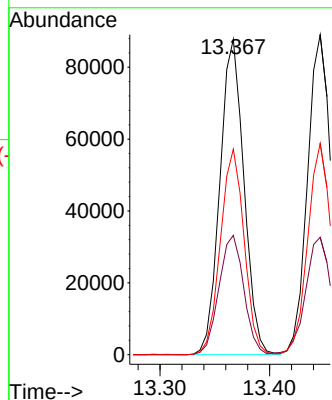
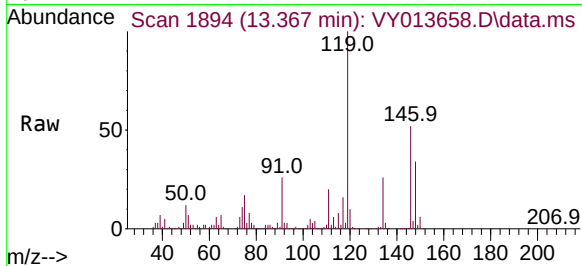




#87
1,3-Dichlorobenzene
Concen: 22.853 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

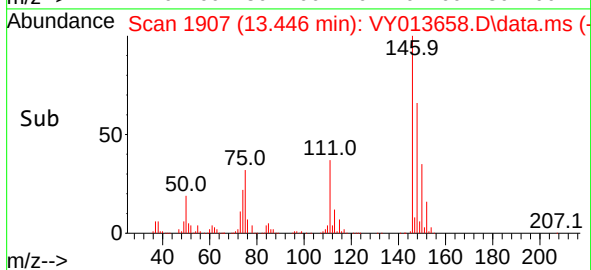
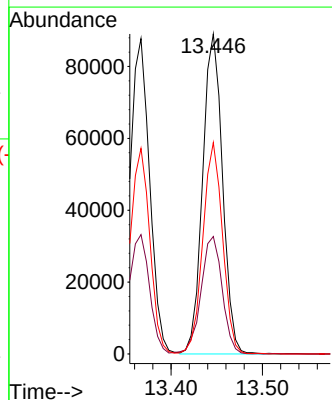
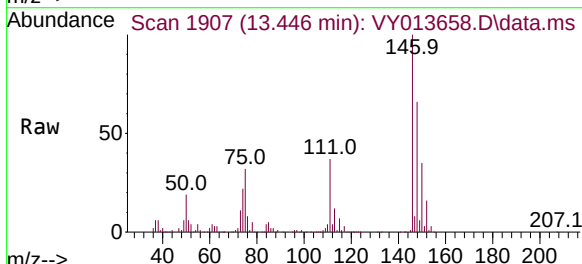
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

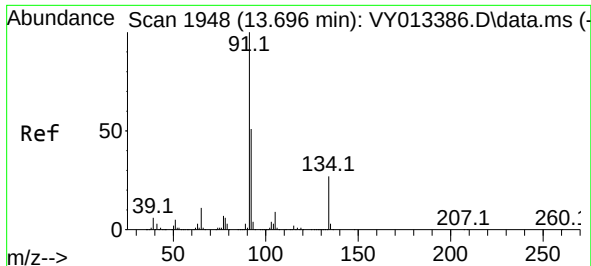
Tgt Ion:146 Resp: 133800
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.9
148 64.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 22.727 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion:146 Resp: 134411
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.5
148 65.6 31.9 95.5





#89

n-Butylbenzene

Concen: 22.579 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

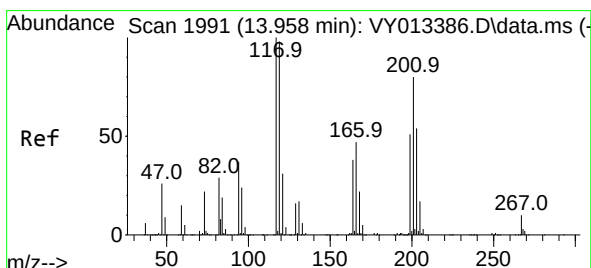
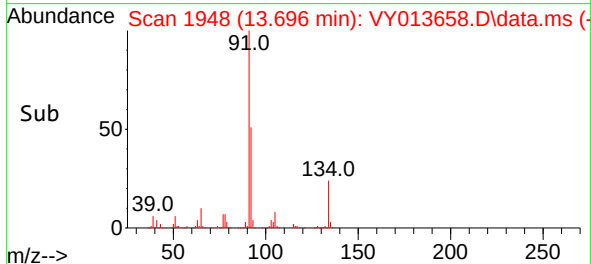
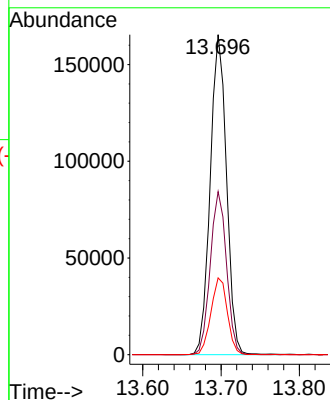
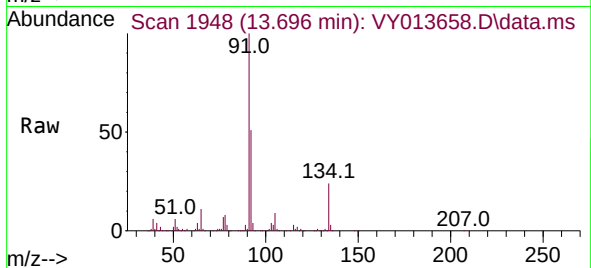
Tgt Ion: 91 Resp: 238529

Ion Ratio Lower Upper

91 100

92 50.9 25.8 77.3

134 24.3 13.5 40.4



#90

Hexachloroethane

Concen: 22.067 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013658.D

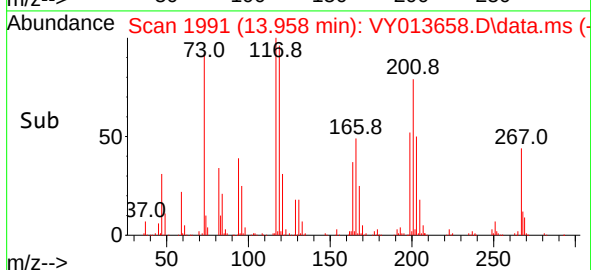
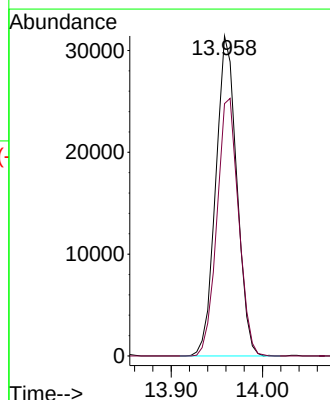
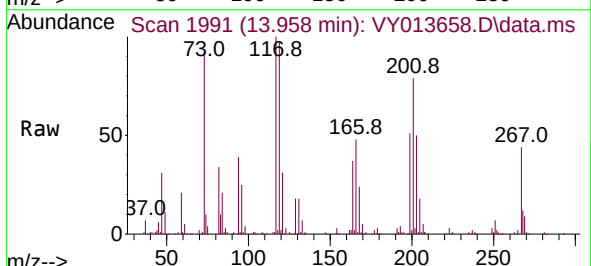
Acq: 09 May 2023 11:12

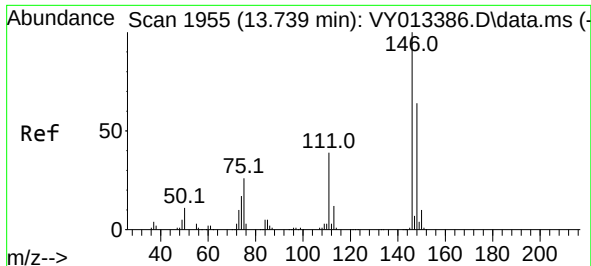
Tgt Ion: 117 Resp: 50269

Ion Ratio Lower Upper

117 100

201 82.6 41.6 124.8

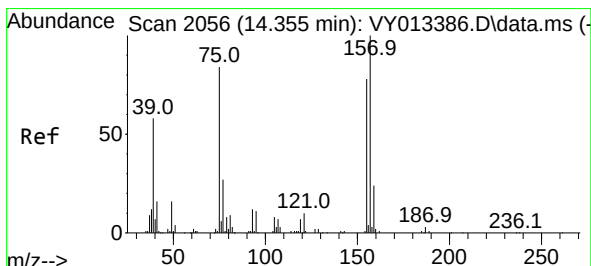
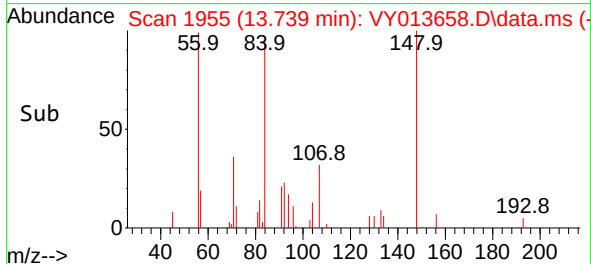
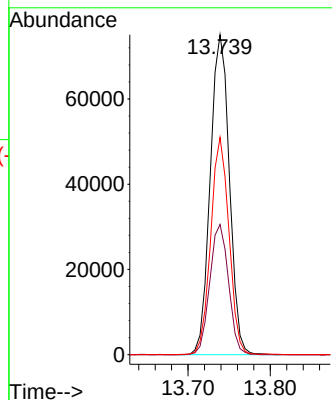
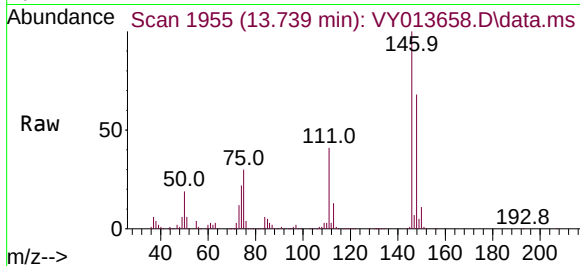




#91
1,2-Dichlorobenzene
Concen: 22.920 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

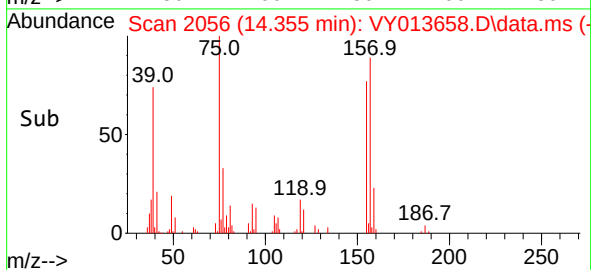
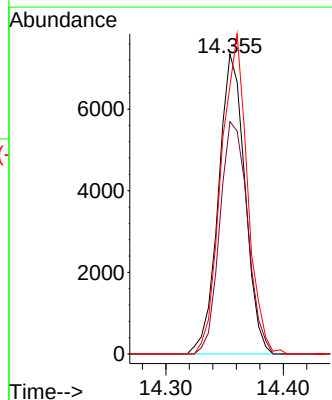
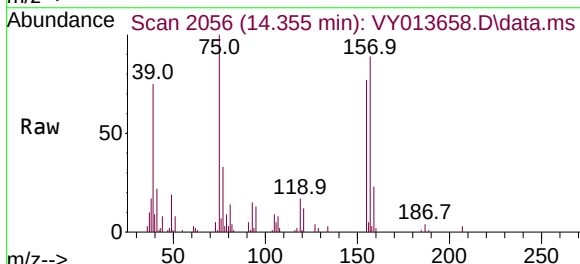
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

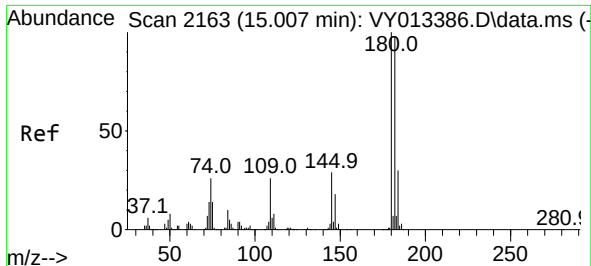
Tgt Ion:146 Resp: 121179
Ion Ratio Lower Upper
146 100
111 40.0 19.8 59.4
148 64.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.065 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion: 75 Resp: 11533
Ion Ratio Lower Upper
75 100
155 81.0 44.6 134.0
157 105.7 57.6 172.7

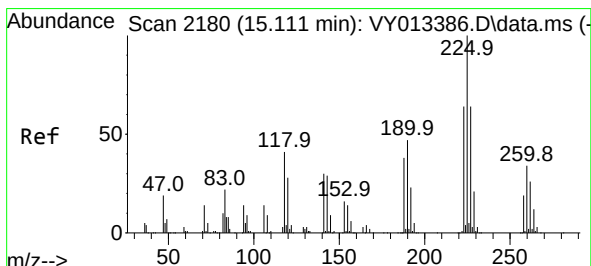
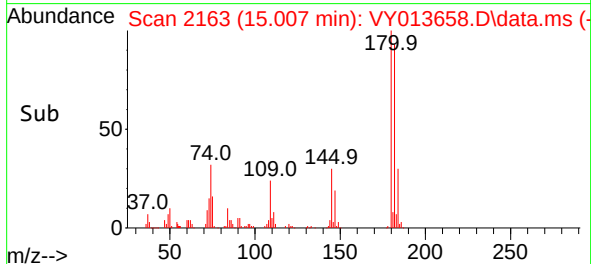
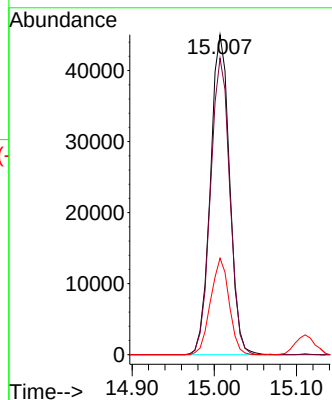
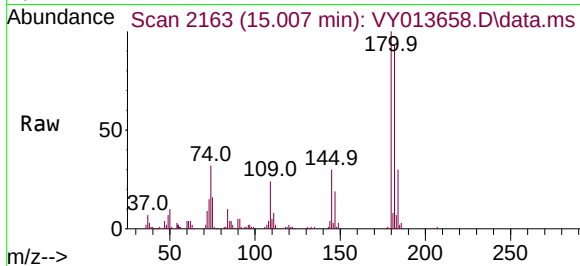




#93
1,2,4-Trichlorobenzene
Concen: 23.119 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

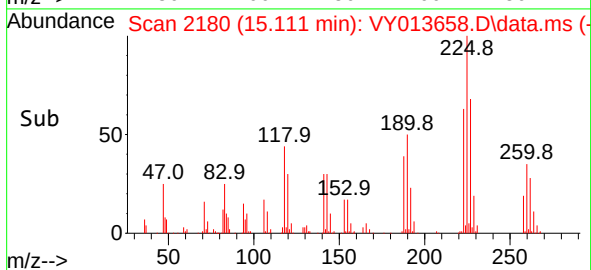
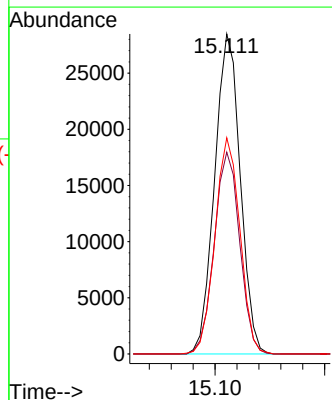
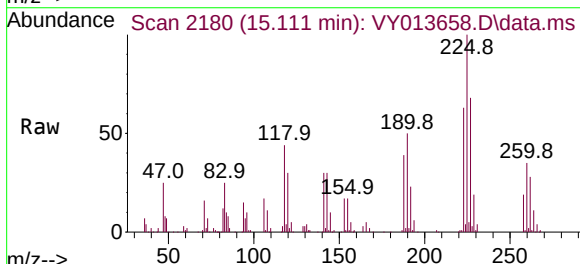
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

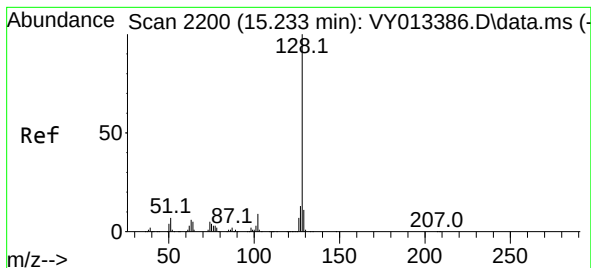
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.5	145.5
145	29.1	15.0	45.0



#94
Hexachlorobutadiene
Concen: 25.195 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013658.D
Acq: 09 May 2023 11:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.4	94.2
227	65.9	32.0	96.0





#95

Naphthalene

Concen: 20.736 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

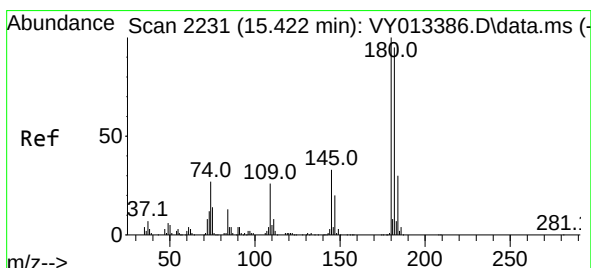
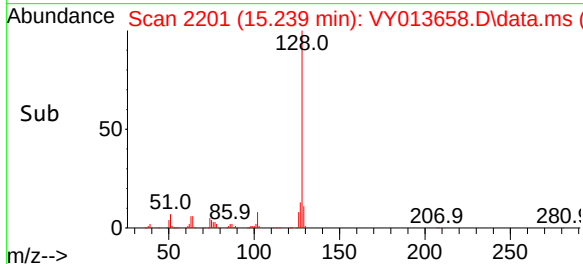
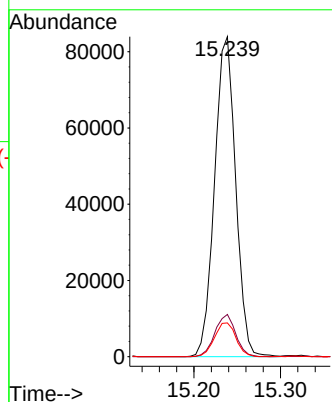
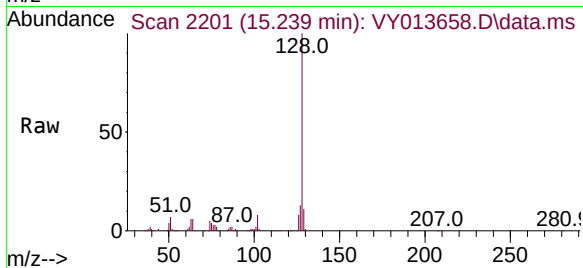
Tgt Ion:128 Resp: 141819

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 22.770 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.001 min

Lab File: VY013658.D

Acq: 09 May 2023 11:12

Tgt Ion:180 Resp: 63973

Ion Ratio Lower Upper

180 100

182 96.9 47.1 141.3

145 31.3 15.9 47.7

