

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019517.D
 Acq On : 11 Sep 2024 18:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:34:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	429428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	790455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	683697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	321492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	244131	61.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.780%	
35) Dibromofluoromethane	7.628	113	237952	53.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.180%	
50) Toluene-d8	10.103	98	883595	53.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.600%	
62) 4-Bromofluorobenzene	12.401	95	320555	50.291	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	101431	42.610	ug/l	99
3) Chloromethane	2.068	50	172701	48.608	ug/l	99
4) Vinyl Chloride	2.202	62	198046	51.550	ug/l	99
5) Bromomethane	2.592	94	140064	59.353	ug/l	98
6) Chloroethane	2.732	64	141499	56.340	ug/l	99
7) Trichlorofluoromethane	3.055	101	320817	50.095	ug/l	97
8) Diethyl Ether	3.452	74	115268	53.620	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.811	101	186530	47.084	ug/l	96
10) Methyl Iodide	4.000	142	245398	48.314	ug/l	93
11) Tert butyl alcohol	4.860	59	92665	288.562	ug/l	# 81
12) 1,1-Dichloroethene	3.787	96	182878	48.000	ug/l	90
13) Acrolein	3.653	56	36119	232.641	ug/l	99
14) Allyl chloride	4.378	41	332241	48.627	ug/l	# 93
15) Acrylonitrile	5.055	53	253747	273.755	ug/l	99
16) Acetone	3.866	43	211130	222.871	ug/l	# 86
17) Carbon Disulfide	4.104	76	510579	49.600	ug/l	99
18) Methyl Acetate	4.378	43	130472	50.751	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	583625	54.086	ug/l	99
20) Methylene Chloride	4.610	84	229657	53.158	ug/l	88
21) trans-1,2-Dichloroethene	5.110	96	208862	50.014	ug/l	91
22) Diisopropyl ether	6.012	45	735895	52.450	ug/l	95
23) Vinyl Acetate	5.951	43	2151153	268.422	ug/l	94
24) 1,1-Dichloroethane	5.909	63	404803	51.416	ug/l	98
25) 2-Butanone	6.890	43	339824	252.220	ug/l	89
26) 2,2-Dichloropropane	6.878	77	323086	45.494	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	265774	52.392	ug/l	91
28) Bromochloromethane	7.238	49	191539	57.821	ug/l	86
29) Tetrahydrofuran	7.256	42	224677	274.265	ug/l	87
30) Chloroform	7.414	83	432950	53.868	ug/l	97
31) Cyclohexane	7.701	56	318439	44.747	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	369390	51.276	ug/l	96
36) 1,1-Dichloropropene	7.829	75	283157	46.432	ug/l	97
37) Ethyl Acetate	6.981	43	159305	50.983	ug/l	96
38) Carbon Tetrachloride	7.817	117	316957	46.089	ug/l	97
39) Methylcyclohexane	9.109	83	357731	44.079	ug/l	92
40) Benzene	8.079	78	904968	48.180	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	92696	50.892	ug/l #	85
42) 1,2-Dichloroethane	8.152	62	260312	51.503	ug/l	96
43) Isopropyl Acetate	8.195	43	330667	50.371	ug/l	90
44) Trichloroethene	8.865	130	225679	46.718	ug/l	98
45) 1,2-Dichloropropane	9.140	63	221466	48.229	ug/l	97
46) Dibromomethane	9.231	93	128965	51.357	ug/l	94
47) Bromodichloromethane	9.420	83	334392	49.538	ug/l	99
48) Methyl methacrylate	9.219	41	149673	48.281	ug/l	86
49) 1,4-Dioxane	9.231	88	29925	1012.285	ug/l #	82
51) 4-Methyl-2-Pentanone	9.999	43	839193	254.100	ug/l	92
52) Toluene	10.170	92	584965	48.423	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	307751	47.827	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	354544	47.319	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	174209	50.236	ug/l	98
56) Ethyl methacrylate	10.438	69	268636	50.996	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	296144	49.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	672793	275.176	ug/l	97
59) 2-Hexanone	10.761	43	576152	237.956	ug/l	90
60) Dibromochloromethane	10.908	129	227331	49.556	ug/l	99
61) 1,2-Dibromoethane	11.011	107	158326	49.001	ug/l	99
64) Tetrachloroethene	10.645	164	202234	47.767	ug/l	95
65) Chlorobenzene	11.438	112	642317	47.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	222528	47.790	ug/l	98
67) Ethyl Benzene	11.517	91	1137633	47.607	ug/l	100
68) m/p-Xylenes	11.627	106	847679	93.815	ug/l	93
69) o-Xylene	11.956	106	417430	47.239	ug/l	96
70) Styrene	11.968	104	715908	47.985	ug/l	96
71) Bromoform	12.133	173	128760	48.414	ug/l #	97
73) Isopropylbenzene	12.255	105	1075519	46.114	ug/l	99
74) N-amyl acetate	12.072	43	314064	49.513	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	207731	50.179	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	261900	86.914	ug/l #	100
77) Bromobenzene	12.529	156	245543	47.469	ug/l	90
78) n-propylbenzene	12.596	91	1275577	46.142	ug/l	99
79) 2-Chlorotoluene	12.682	91	760457	47.203	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	885219	46.687	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	68873	43.877	ug/l	91
82) 4-Chlorotoluene	12.773	91	775115	46.799	ug/l	96
83) tert-Butylbenzene	12.999	119	822390	47.910	ug/l	97
84) 1,2,4-Trimethylbenzene	13.041	105	881174	46.949	ug/l	97
85) sec-Butylbenzene	13.175	105	1149742	46.107	ug/l	99
86) p-Isopropyltoluene	13.291	119	934552	45.807	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	468518	46.612	ug/l	98
88) 1,4-Dichlorobenzene	13.364	146	462436	46.358	ug/l	97
89) n-Butylbenzene	13.614	91	860031	44.095	ug/l	99
90) Hexachloroethane	13.877	117	197665	46.564	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	426041	47.499	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34137	49.478	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	231363	42.411	ug/l	97
94) Hexachlorobutadiene	15.023	225	118360	40.613	ug/l	98
95) Naphthalene	15.139	128	512568	46.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	203659	43.645	ug/l	98

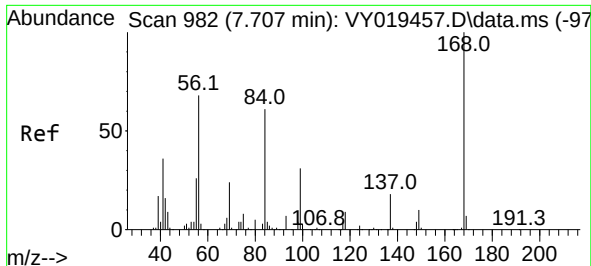
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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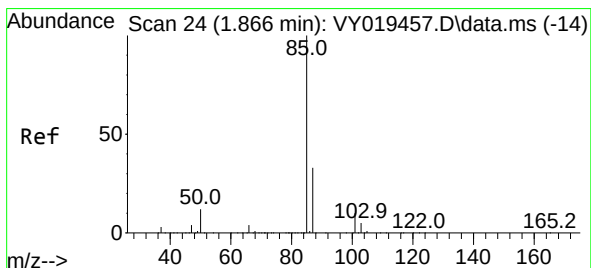
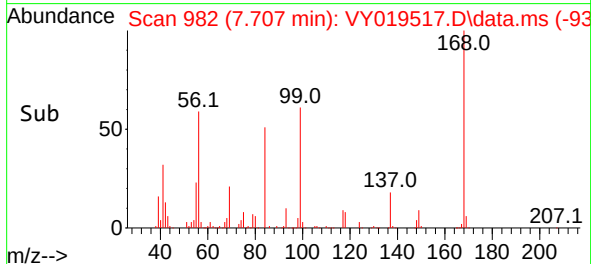
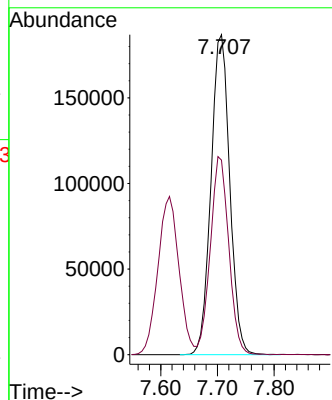
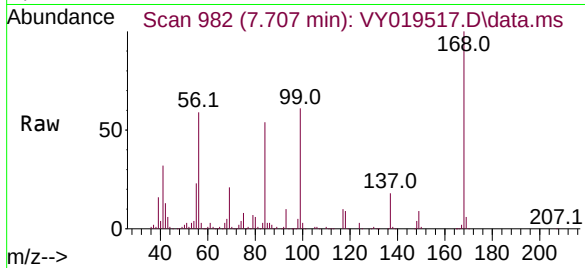
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
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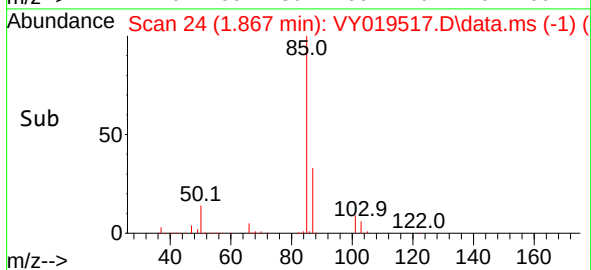
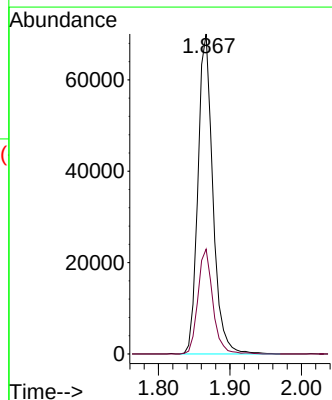
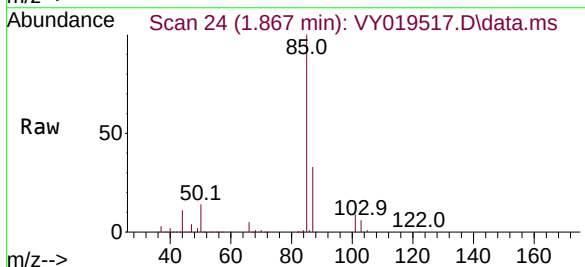
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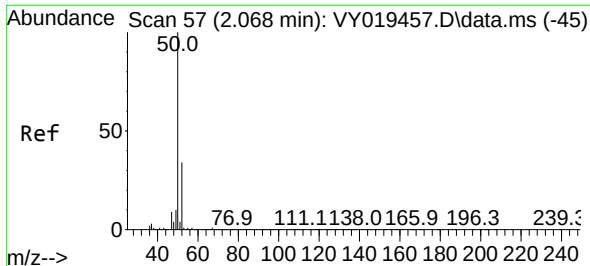
Tgt Ion:168 Resp: 429428
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 42.610 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 85 Resp: 101431
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

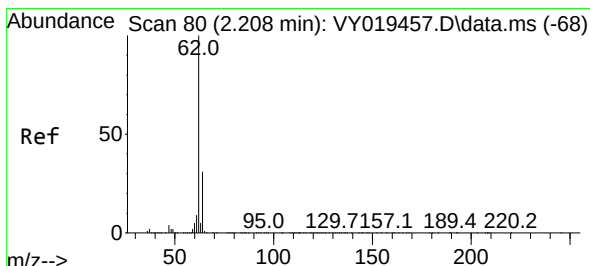
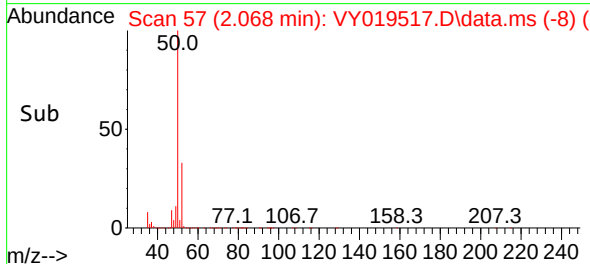
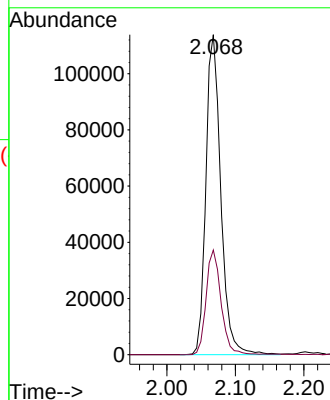
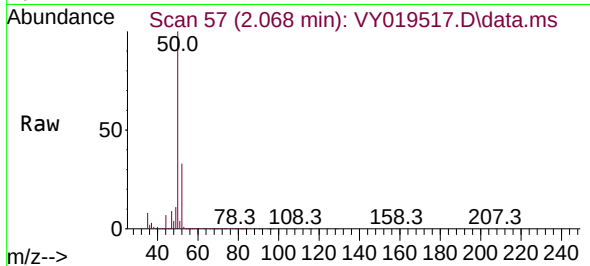




#3
Chloromethane
Concen: 48.608 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

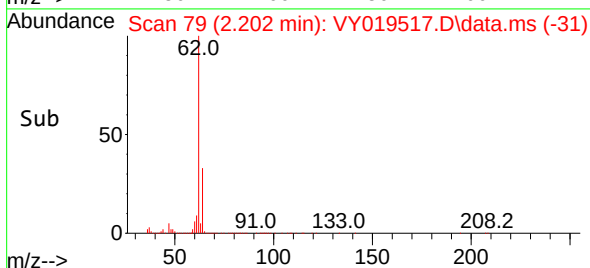
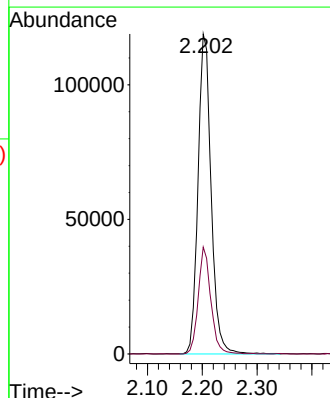
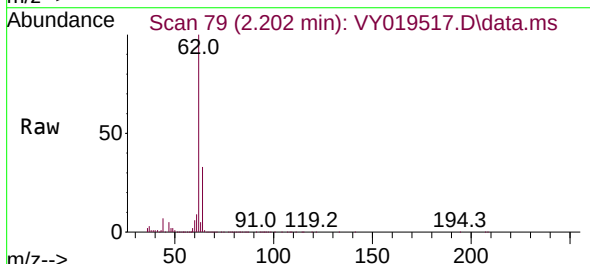
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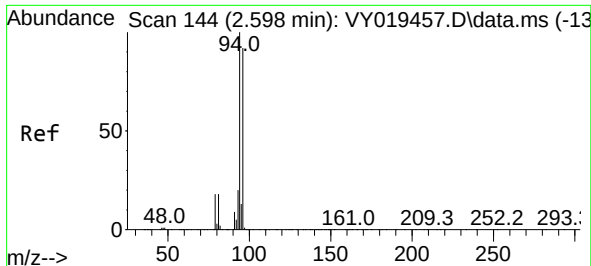
Tgt Ion: 50 Resp: 172701
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 51.550 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 62 Resp: 198046
Ion Ratio Lower Upper
62 100
64 33.4 26.1 39.1

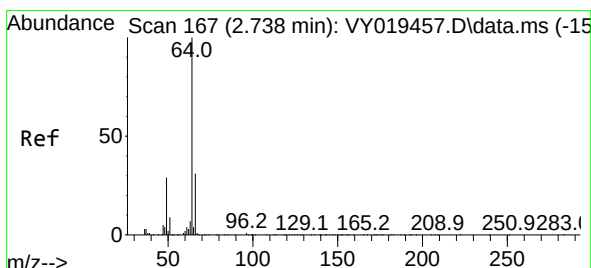
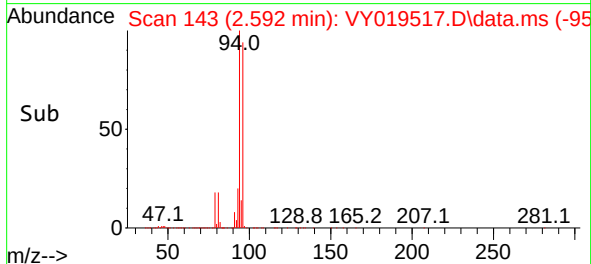
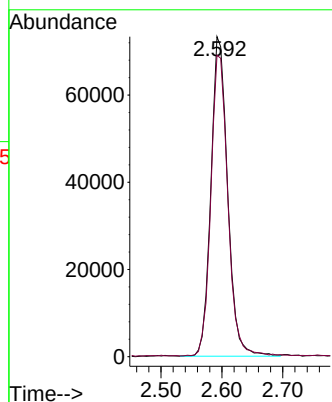
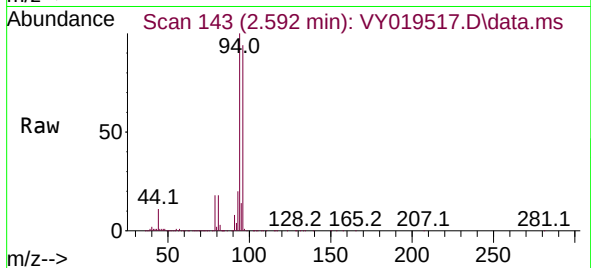




#5
Bromomethane
Concen: 59.353 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

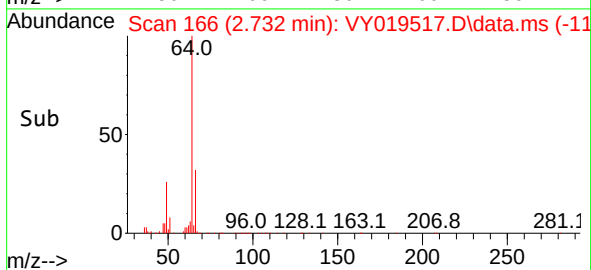
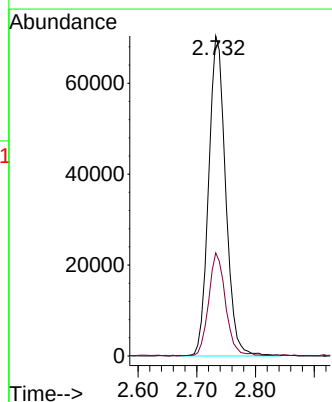
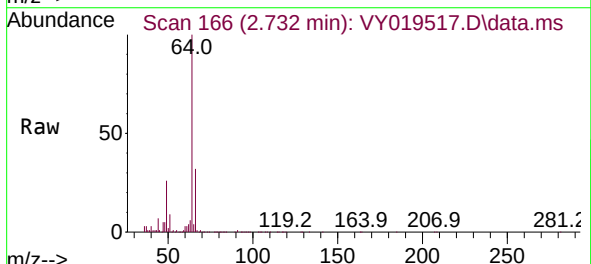
Instrument :
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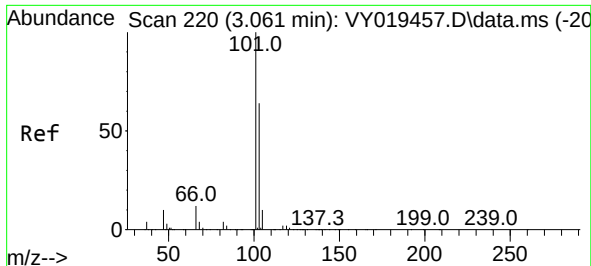
Tgt Ion: 94 Resp: 140064
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 56.340 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 64 Resp: 141499
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

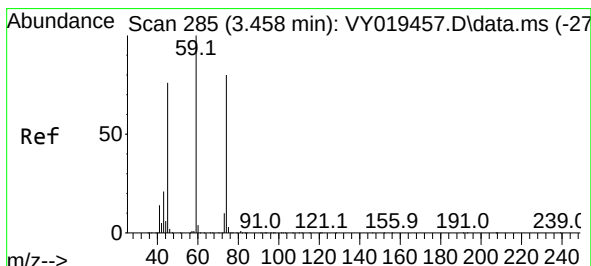
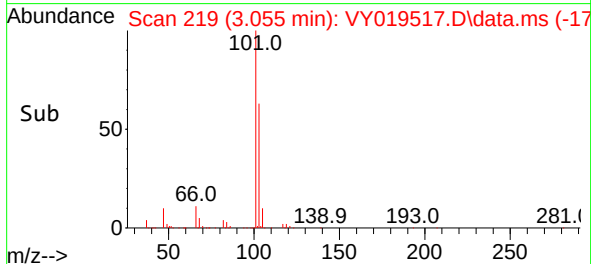
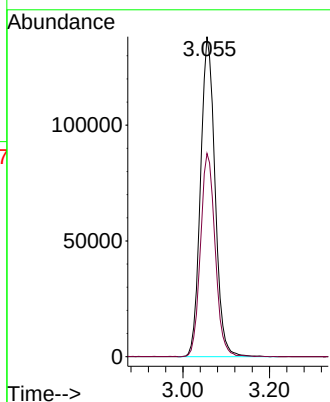
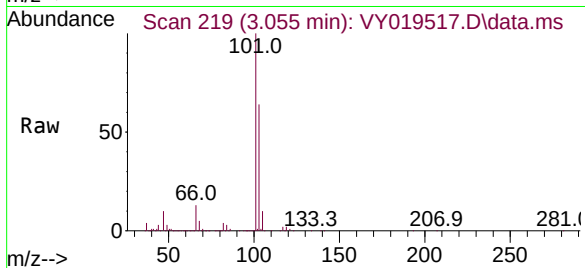




#7
Trichlorofluoromethane
Concen: 50.095 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.006 min
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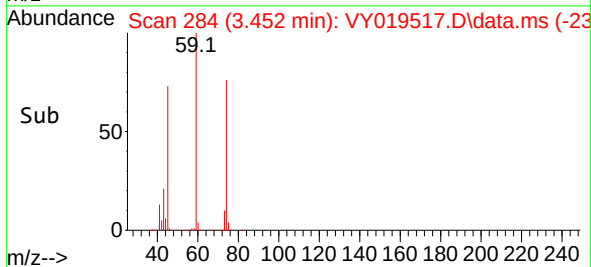
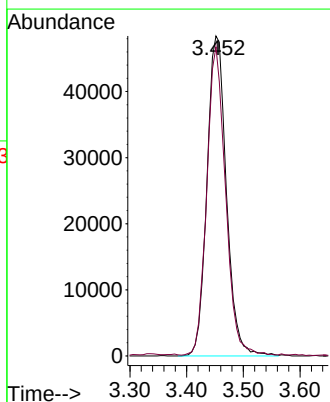
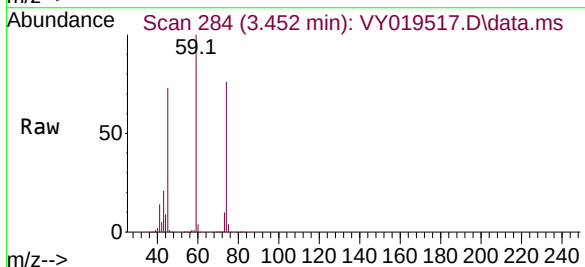
Instrument :
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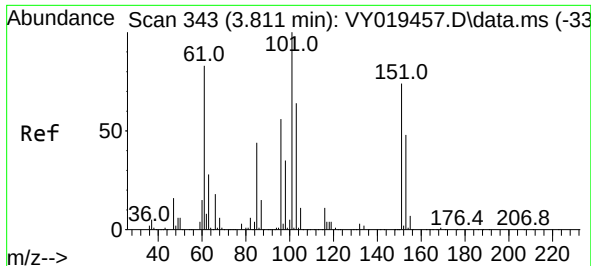
Tgt Ion:101 Resp: 320817
Ion Ratio Lower Upper
101 100
103 63.5 49.3 73.9



#8
Diethyl Ether
Concen: 53.620 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 74 Resp: 115268
Ion Ratio Lower Upper
74 100
45 92.9 41.3 124.1

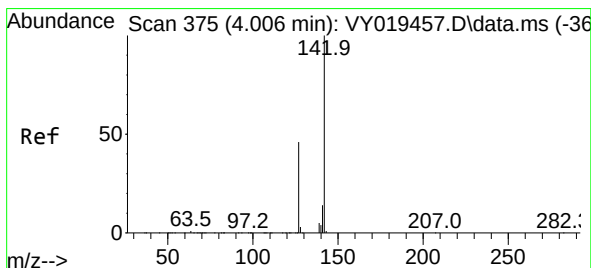
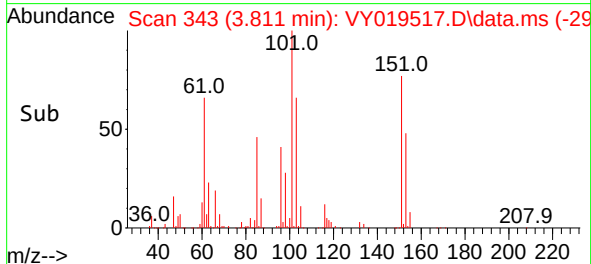
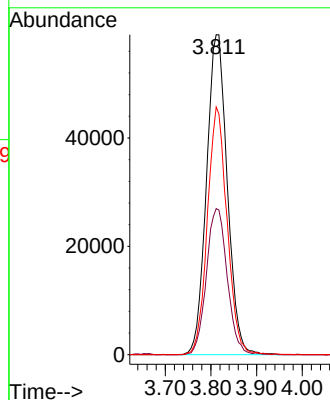
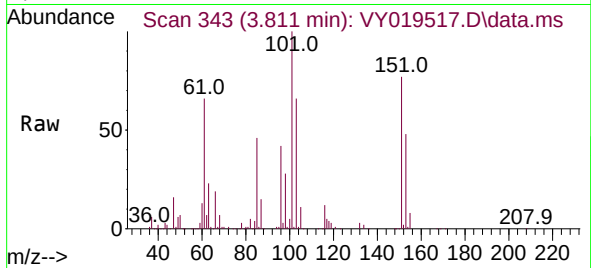




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.084 ug/l
RT: 3.811 min Scan# 34
Delta R.T. 0.000 min
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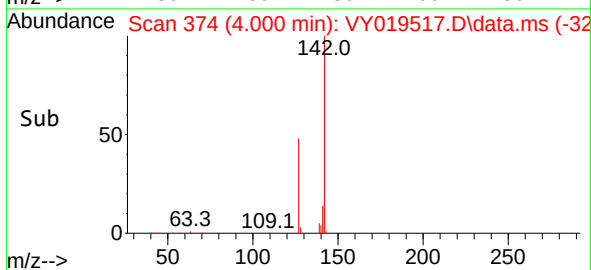
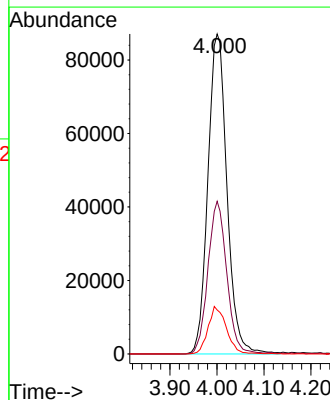
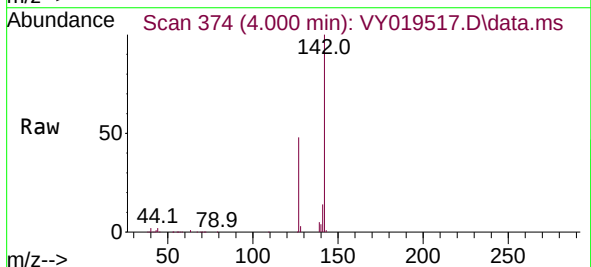
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MSVOA_Y
ClientSampleId :

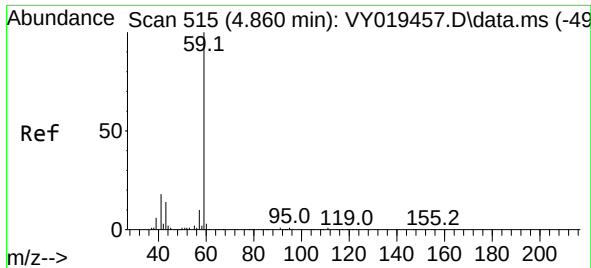
Tgt Ion:101 Resp: 186530
Ion Ratio Lower Upper
101 100
85 45.8 34.5 51.7
151 73.4 61.7 92.5



#10
Methyl Iodide
Concen: 48.314 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion:142 Resp: 245398
Ion Ratio Lower Upper
142 100
127 47.1 32.8 49.2
141 14.3 11.4 17.2

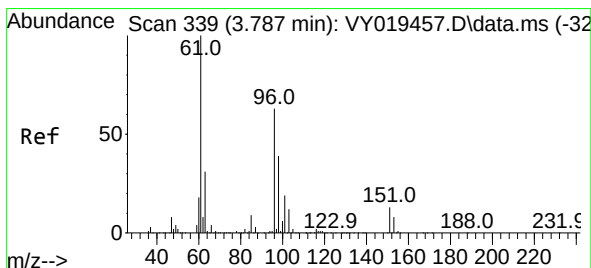
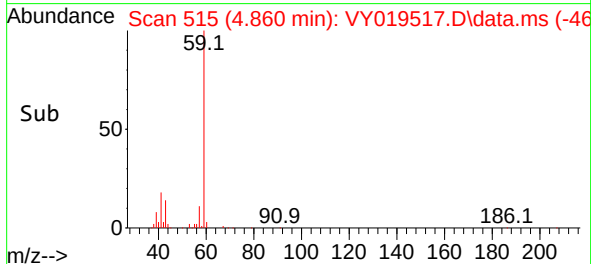
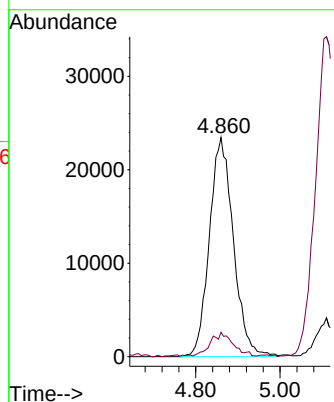
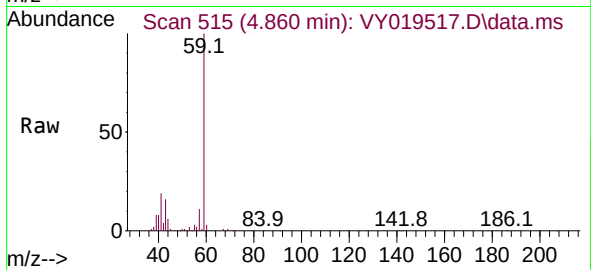




#11
Tert butyl alcohol
Concen: 288.562 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

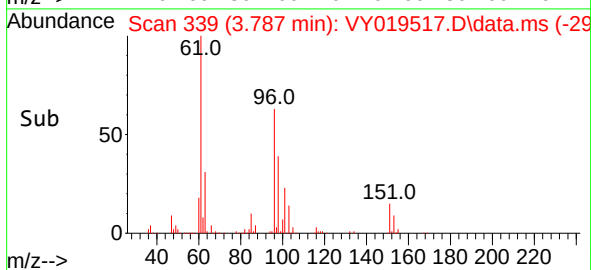
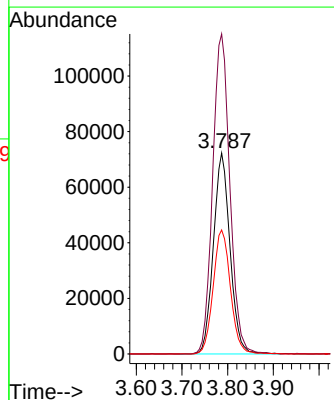
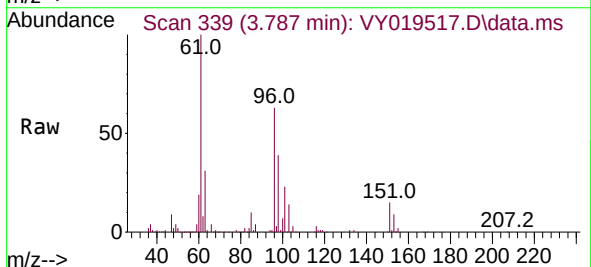
Instrument :
MSVOA_Y
ClientSampleId :

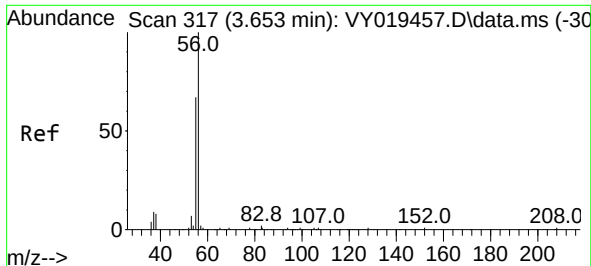
Tgt Ion: 59 Resp: 92665
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.000 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 96 Resp: 182878
Ion Ratio Lower Upper
96 100
61 159.2 114.6 171.8
98 61.7 50.8 76.2





#13

Acrolein

Concen: 232.641 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

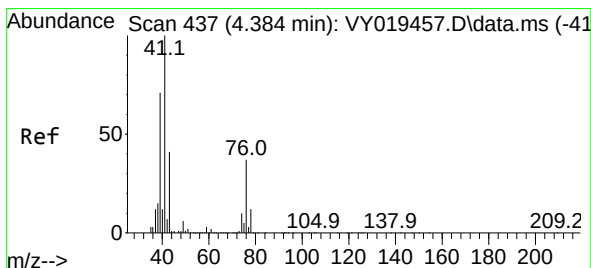
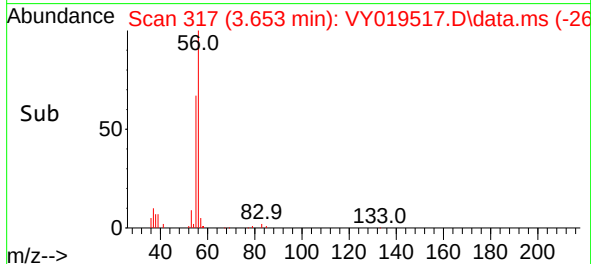
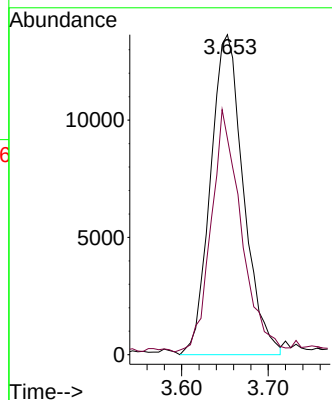
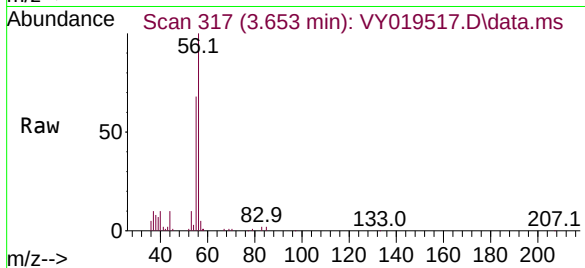
ClientSampleId :

Tgt Ion: 56 Resp: 36119

Ion Ratio Lower Upper

56 100

55 68.8 55.7 83.5



#14

Allyl chloride

Concen: 48.627 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

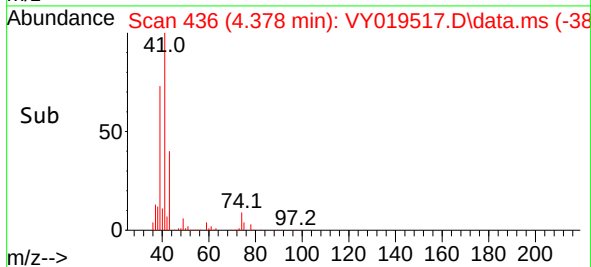
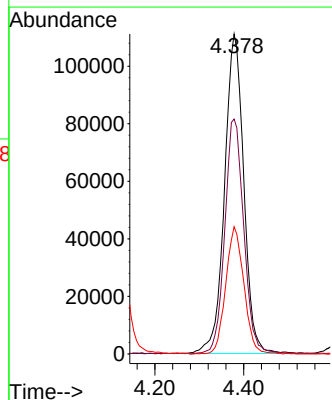
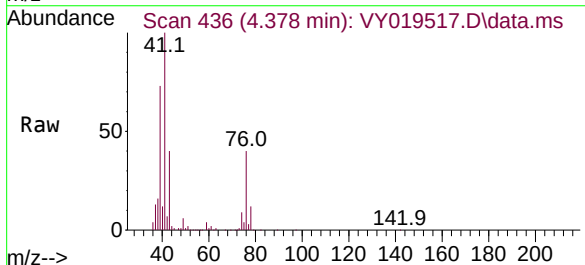
Tgt Ion: 41 Resp: 332241

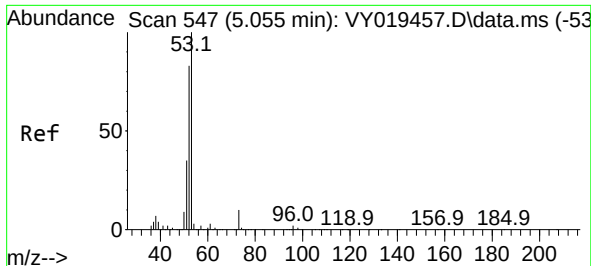
Ion Ratio Lower Upper

41 100

39 73.0 58.3 87.5

76 37.7 39.0 58.6#

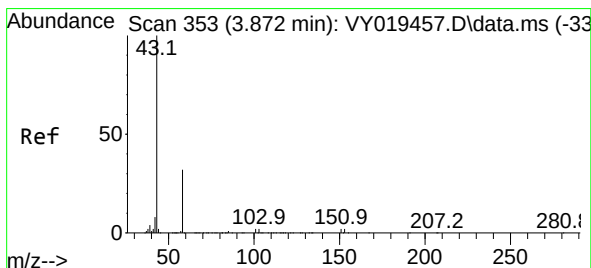
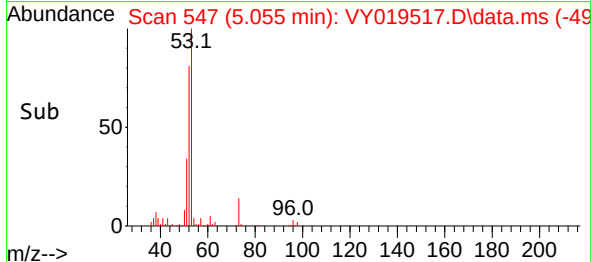
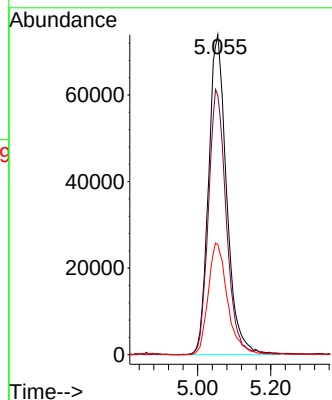
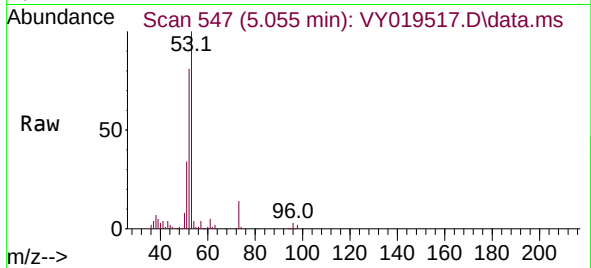




#15
Acrylonitrile
Concen: 273.755 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

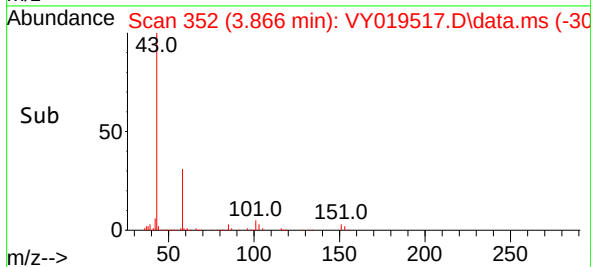
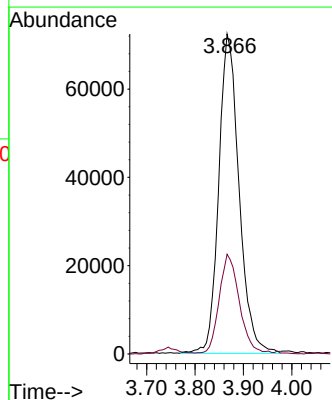
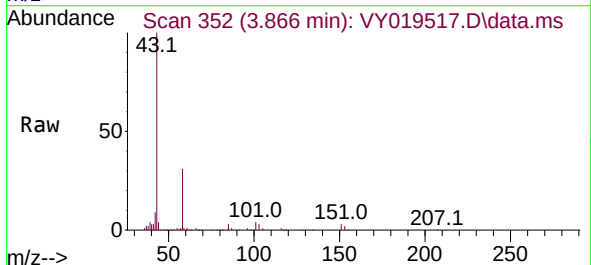
Instrument :
MSVOA_Y
ClientSampleId :

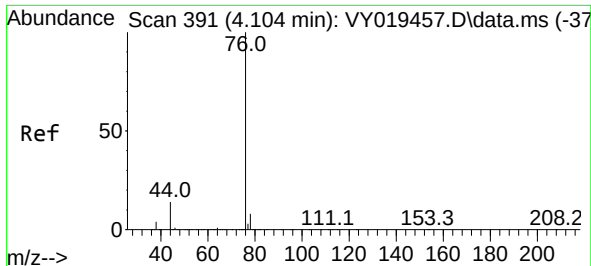
Tgt Ion: 53 Resp: 253747
Ion Ratio Lower Upper
53 100
52 81.3 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 222.871 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 43 Resp: 211130
Ion Ratio Lower Upper
43 100
58 30.9 31.7 47.5#

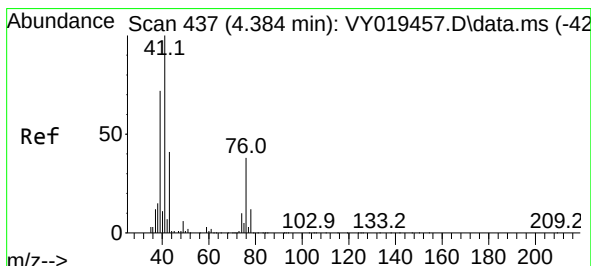
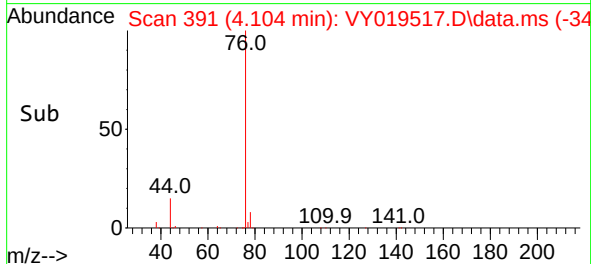
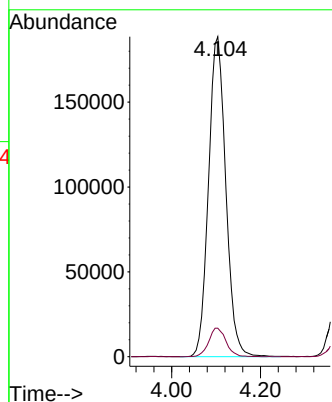
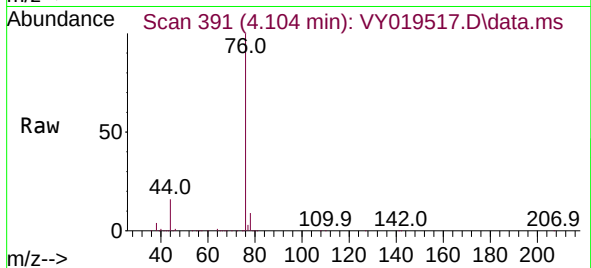




#17
Carbon Disulfide
Concen: 49.600 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

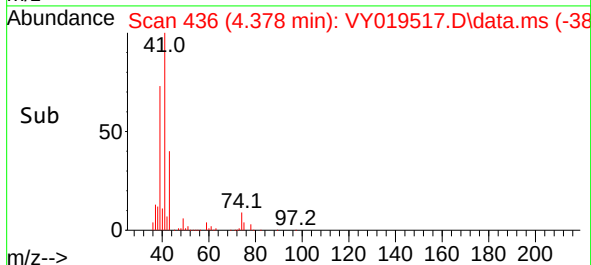
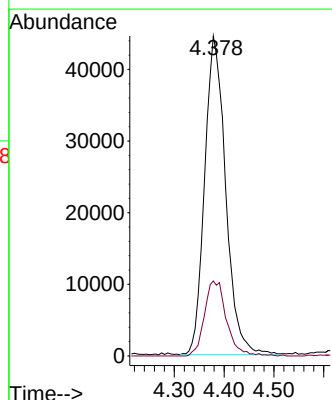
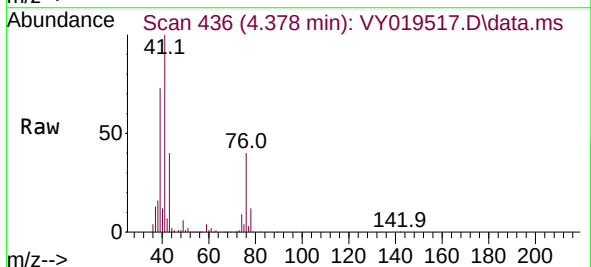
Instrument :
MSVOA_Y
ClientSampleId :

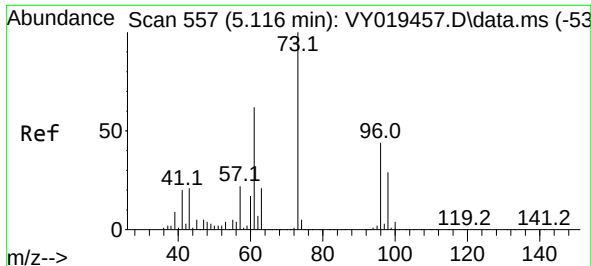
Tgt Ion: 76 Resp: 510579
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 50.751 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 43 Resp: 130472
Ion Ratio Lower Upper
43 100
74 24.6 23.3 34.9

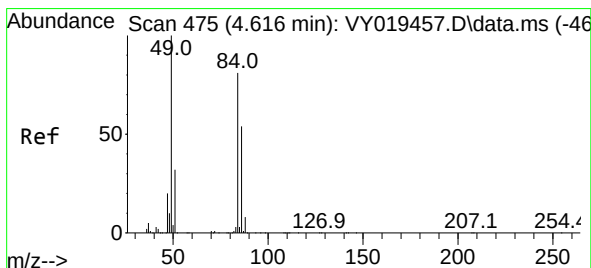
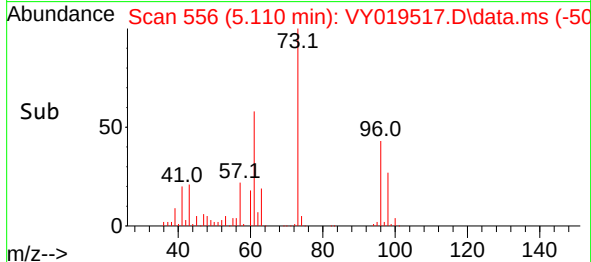
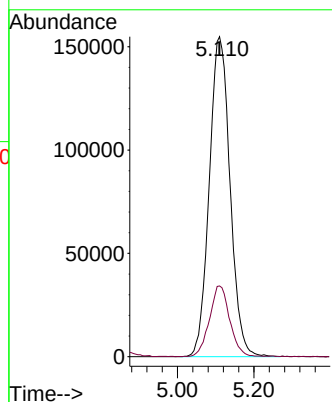
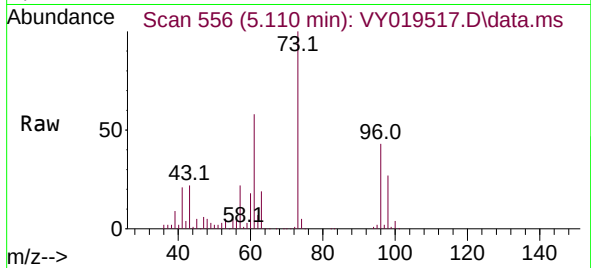




#19
Methyl tert-butyl Ether
Concen: 54.086 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

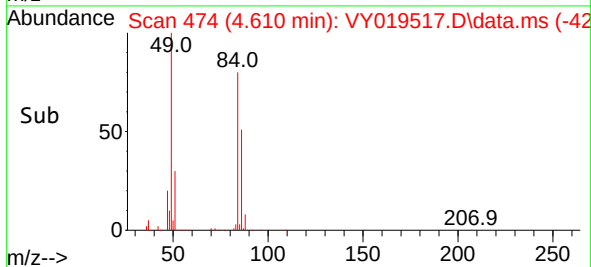
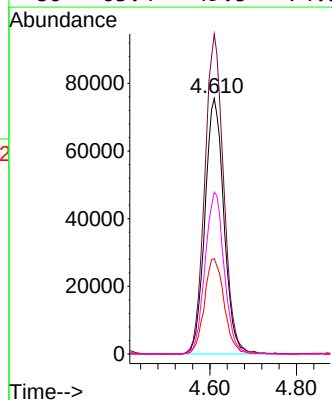
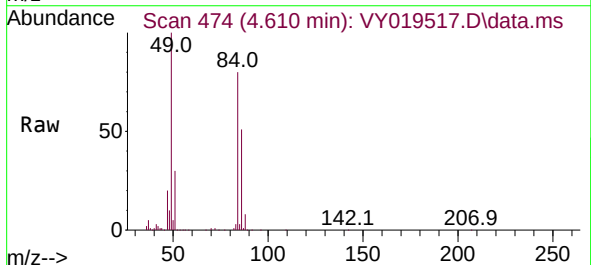
Instrument :
MSVOA_Y
ClientSampleId :

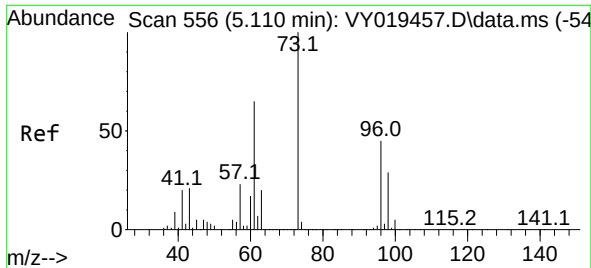
Tgt Ion: 73 Resp: 583625
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 53.158 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

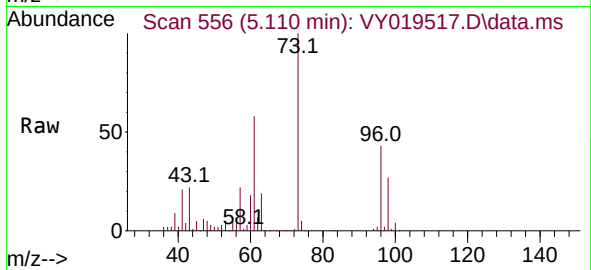
Tgt Ion: 84 Resp: 229657
Ion Ratio Lower Upper
84 100
49 125.2 84.4 126.6
51 37.3 26.0 39.0
86 63.4 49.5 74.3



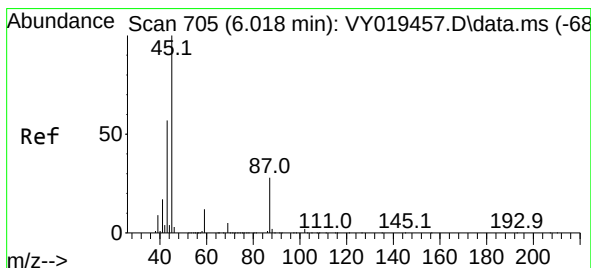
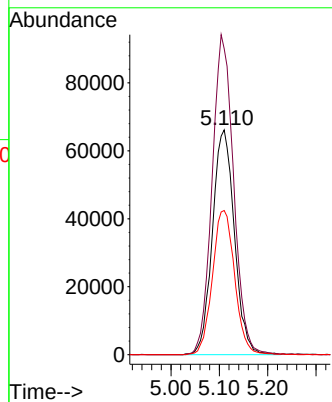
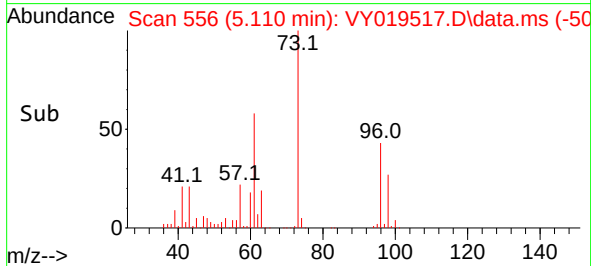


#21
trans-1,2-Dichloroethene
Concen: 50.014 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Instrument :
MSVOA_Y
ClientSampleId :

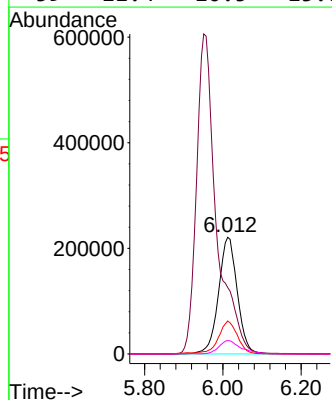
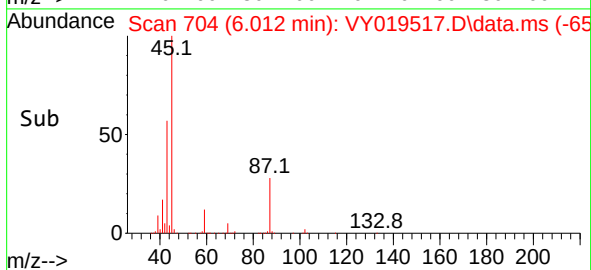
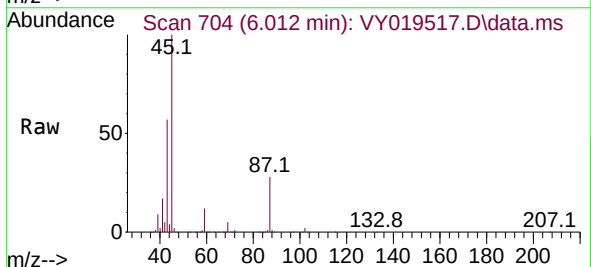


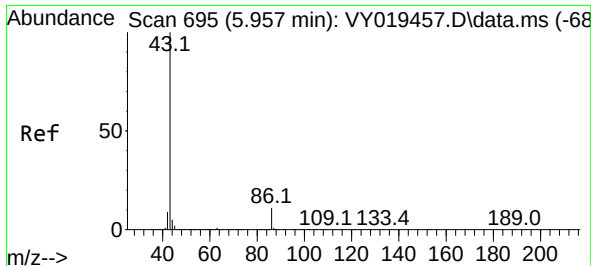
Tgt Ion: 96 Resp: 208862
Ion Ratio Lower Upper
96 100
61 136.0 97.5 146.3
98 64.1 50.5 75.7



#22
Diisopropyl ether
Concen: 52.450 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

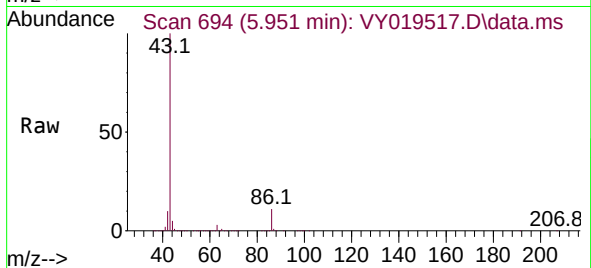
Tgt Ion: 45 Resp: 735895
Ion Ratio Lower Upper
45 100
43 56.5 42.2 63.2
87 28.2 25.0 37.6
59 11.4 10.5 15.7



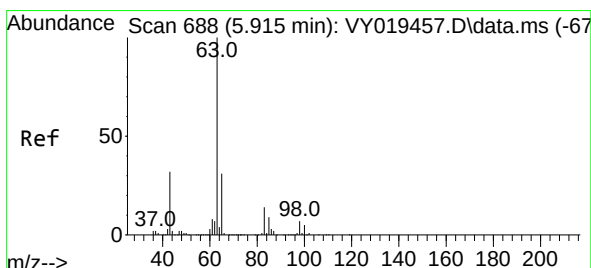
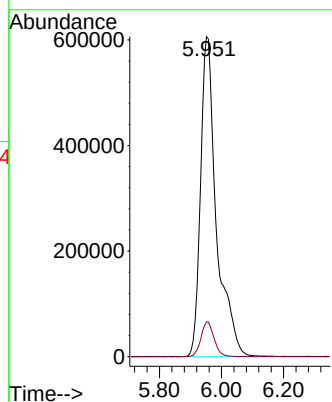
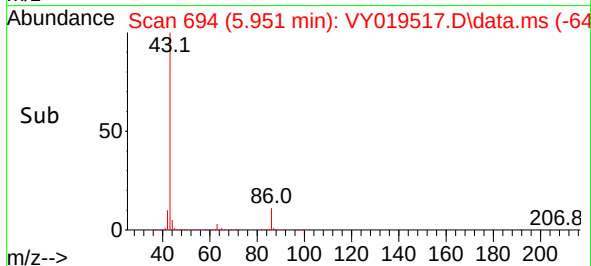


#23
 Vinyl Acetate
 Concen: 268.422 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019517.D
 Acq: 11 Sep 2024 18:26

Instrument :
 MSVOA_Y
 ClientSampleId :

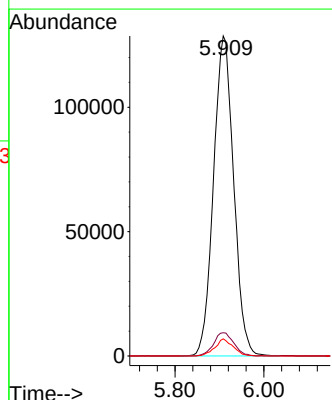
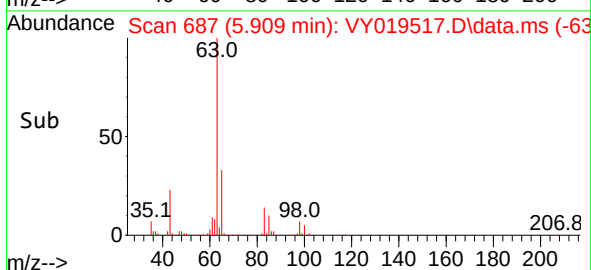
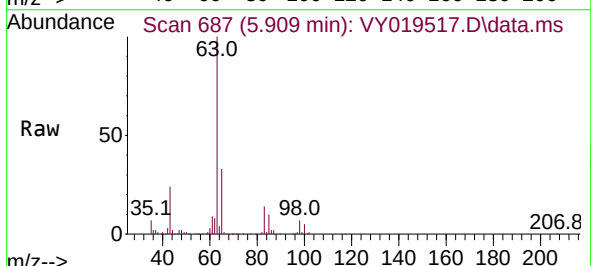


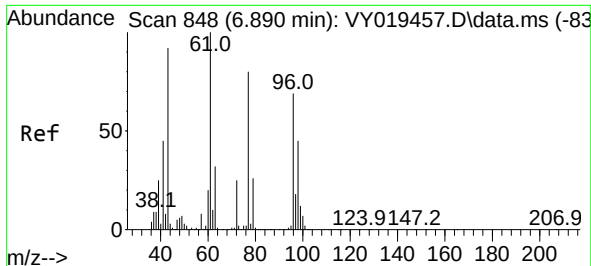
Tgt Ion: 43 Resp: 2151153
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.416 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019517.D
 Acq: 11 Sep 2024 18:26

Tgt Ion: 63 Resp: 404803
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 5.3 2.6 8.0

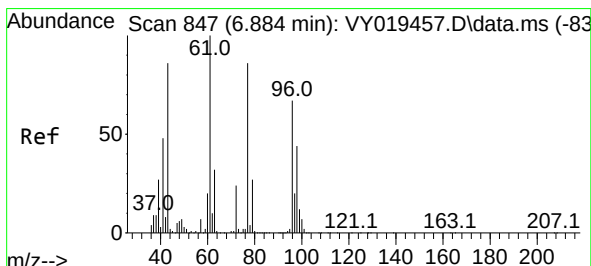
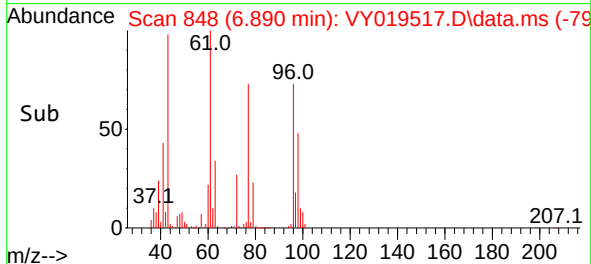
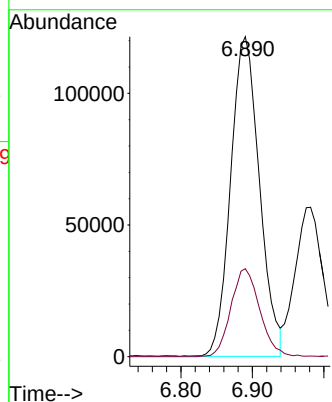
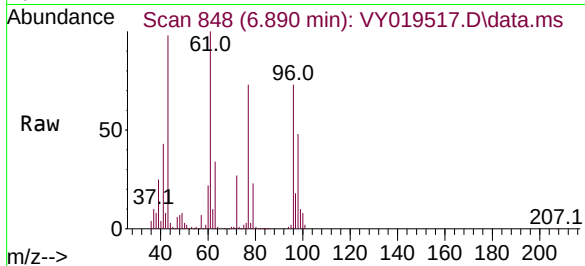




#25
2-Butanone
Concen: 252.220 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

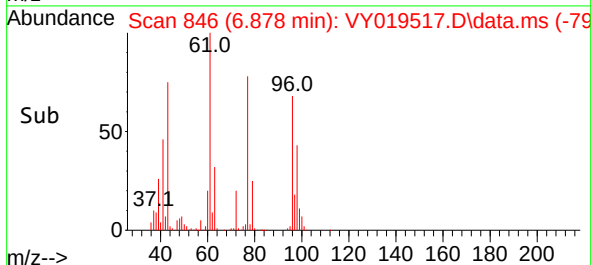
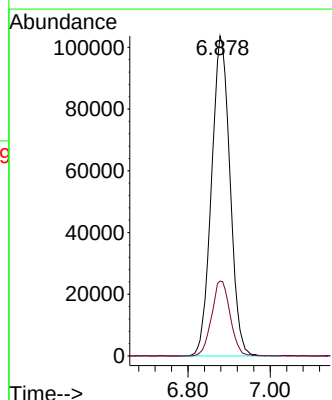
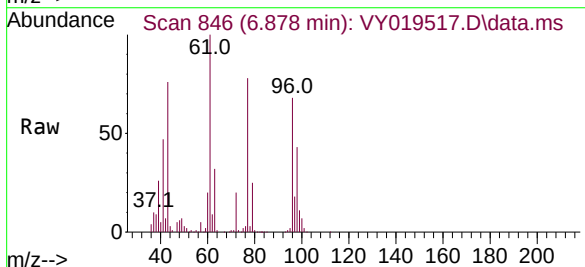
Instrument :
MSVOA_Y
ClientSampleId :

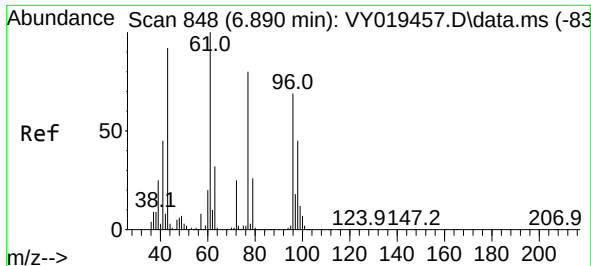
Tgt Ion: 43 Resp: 339824
Ion Ratio Lower Upper
43 100
72 27.5 27.3 40.9



#26
2,2-Dichloropropane
Concen: 45.494 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 77 Resp: 323086
Ion Ratio Lower Upper
77 100
97 23.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.392 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

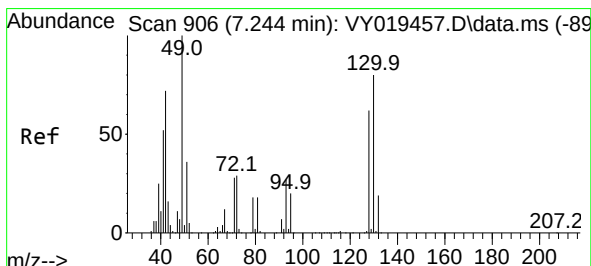
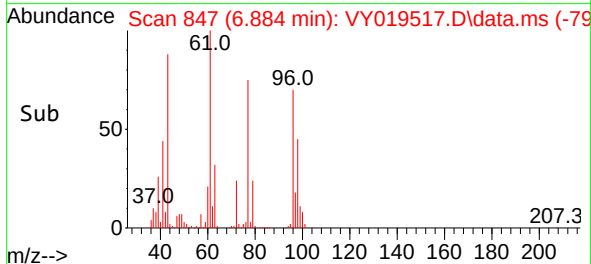
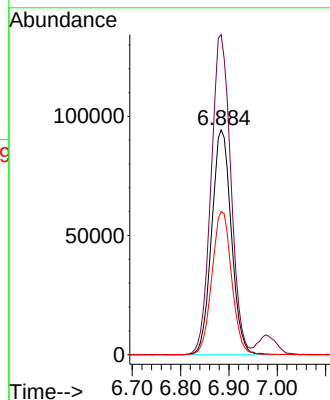
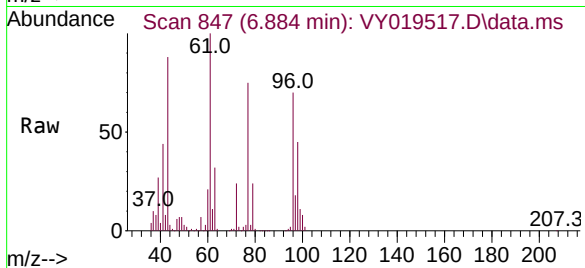
Tgt Ion: 96 Resp: 265774

Ion Ratio Lower Upper

96 100

61 143.5 0.0 256.2

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 57.821 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

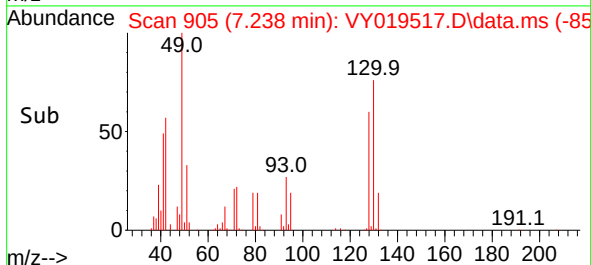
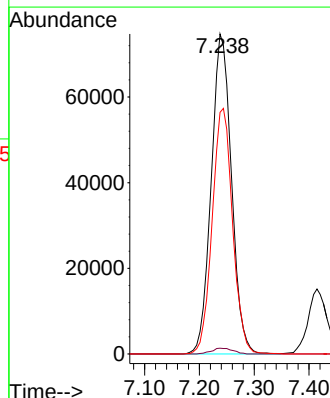
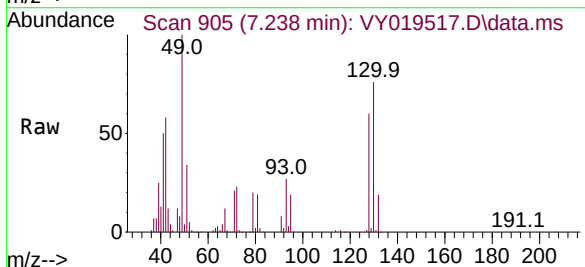
Tgt Ion: 49 Resp: 191539

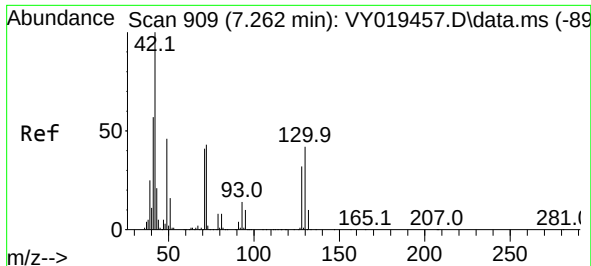
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 77.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 274.265 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

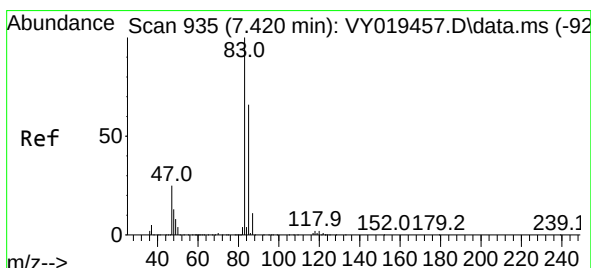
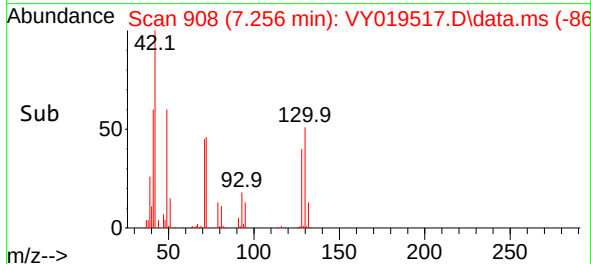
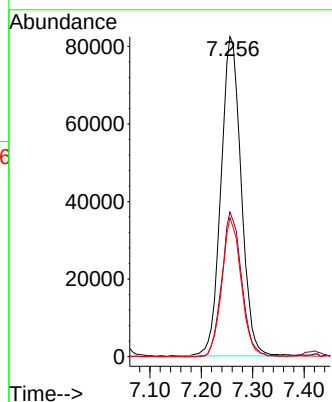
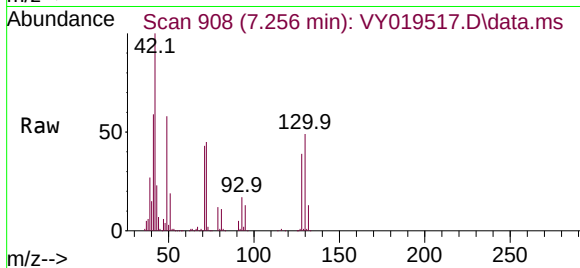
Tgt Ion: 42 Resp: 224677

Ion Ratio Lower Upper

42 100

72 44.4 43.0 64.4

71 41.8 40.8 61.2



#30

Chloroform

Concen: 53.868 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019517.D

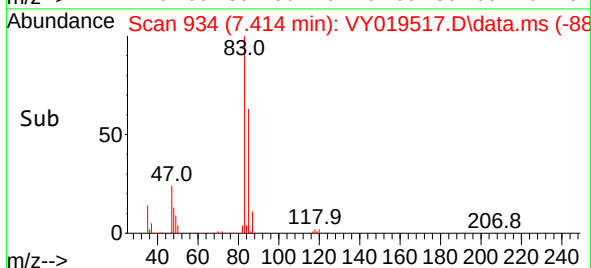
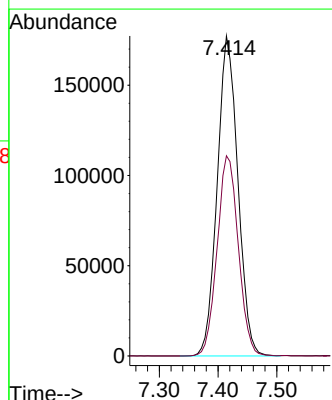
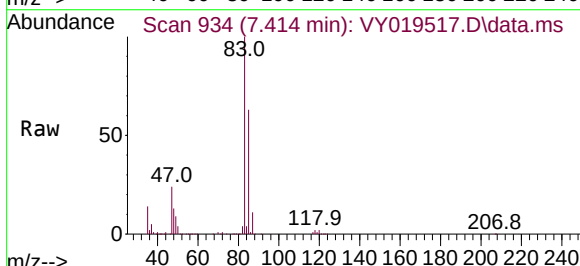
Acq: 11 Sep 2024 18:26

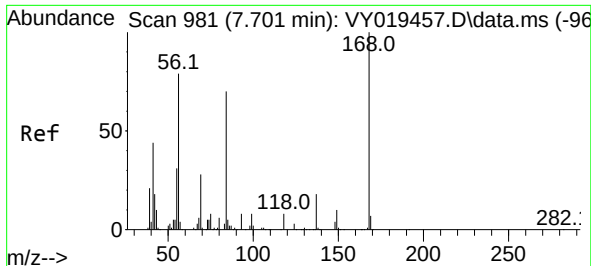
Tgt Ion: 83 Resp: 432950

Ion Ratio Lower Upper

83 100

85 62.5 52.2 78.4

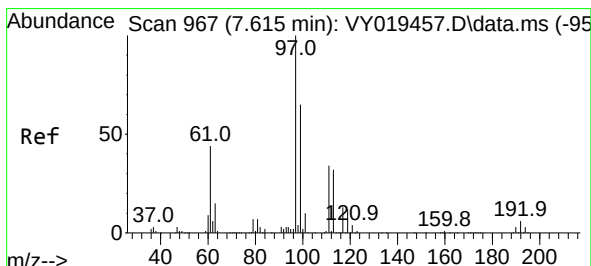
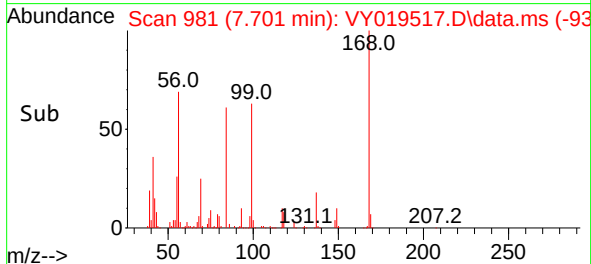
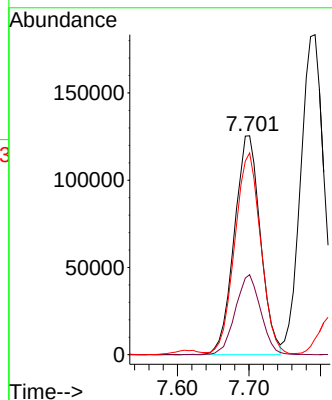
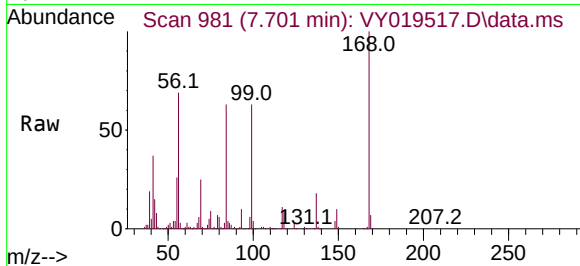




#31
Cyclohexane
Concen: 44.747 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

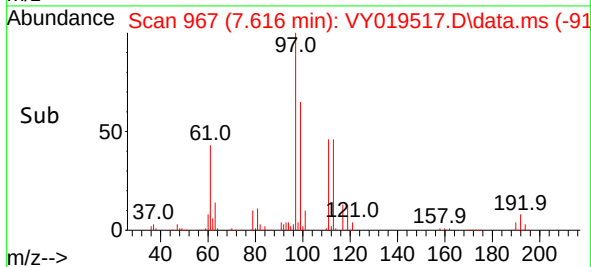
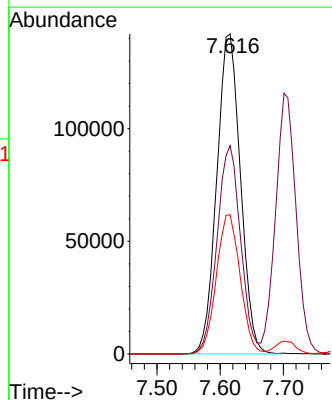
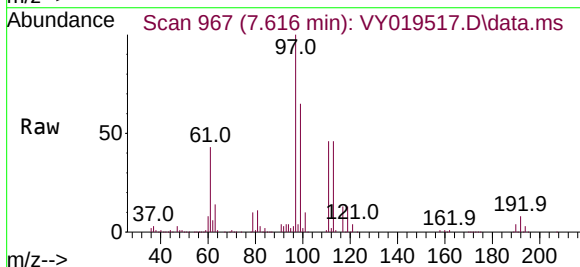
Instrument :
MSVOA_Y
ClientSampleId :

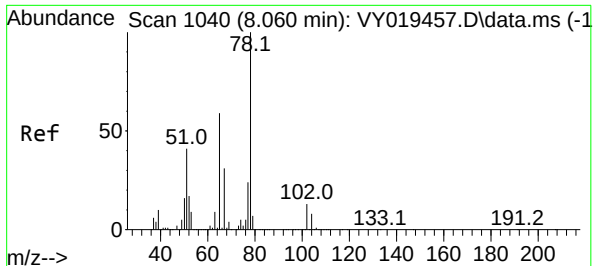
Tgt Ion: 56 Resp: 318439
Ion Ratio Lower Upper
56 100
69 36.6 28.7 43.1
84 90.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.276 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 97 Resp: 369390
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 43.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 61.395 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

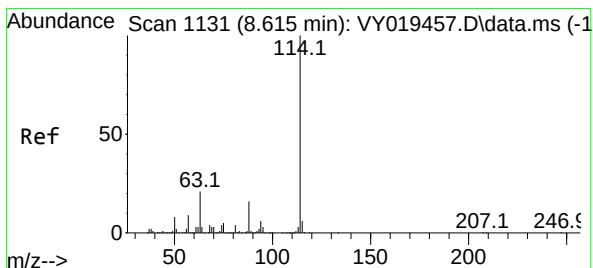
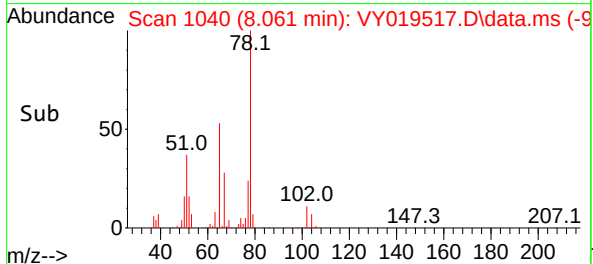
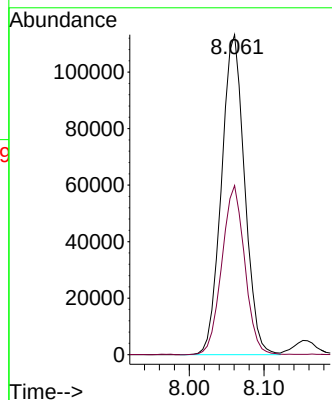
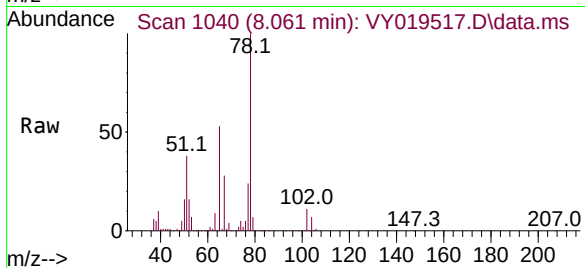
ClientSampleId :

Tgt Ion: 65 Resp: 244131

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

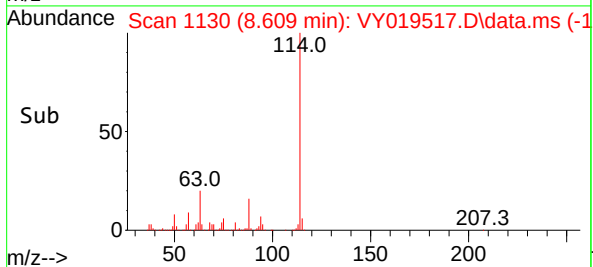
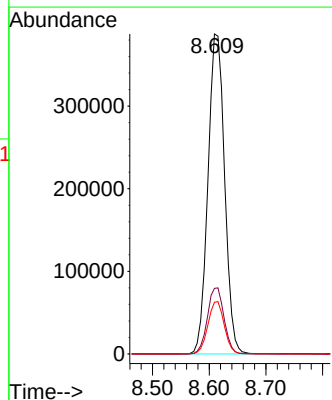
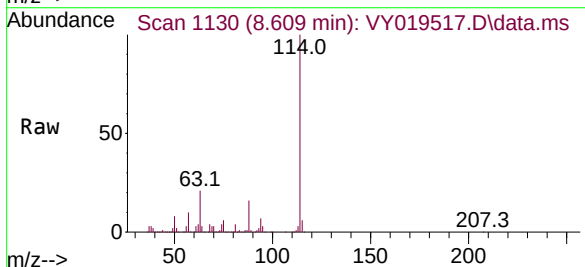
Tgt Ion: 114 Resp: 790455

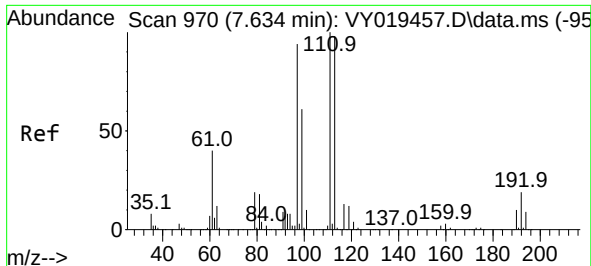
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

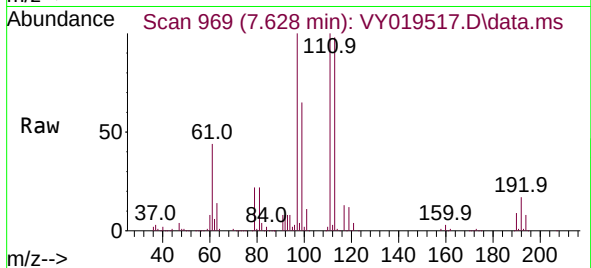
88 16.2 0.0 27.2



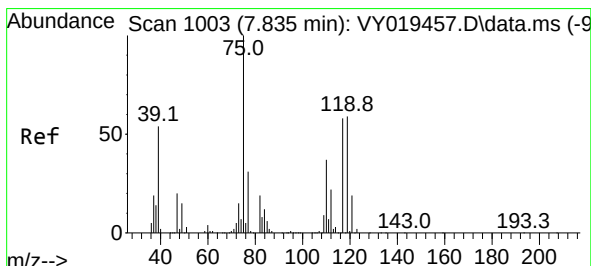
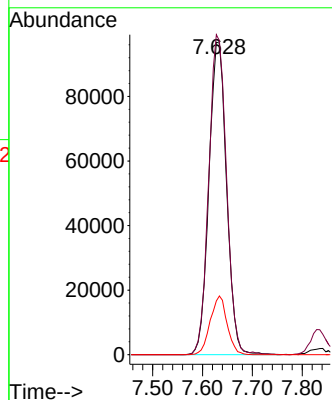
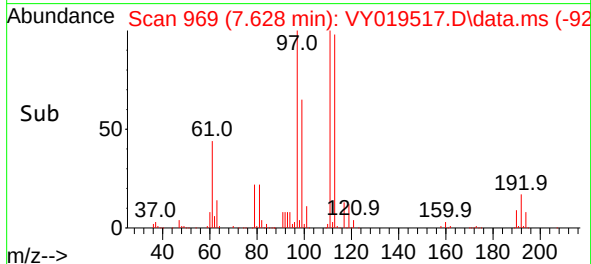


#35
Dibromofluoromethane
Concen: 53.094 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

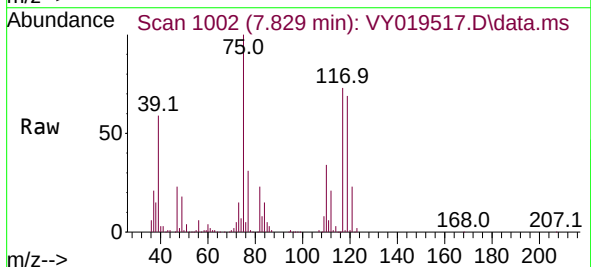
Instrument :
MSVOA_Y
ClientSampleId :



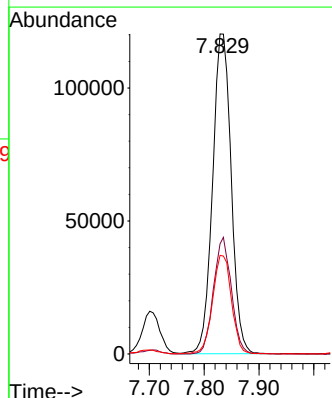
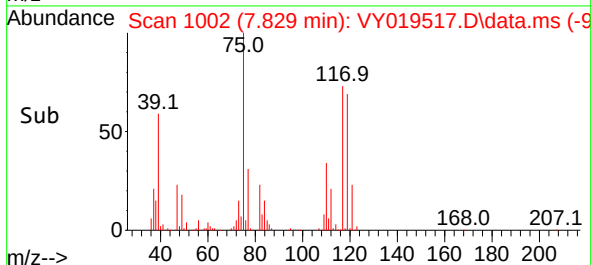
Tgt Ion:113 Resp: 237952
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.9 15.9 23.9

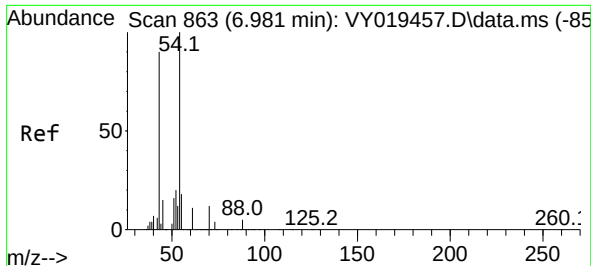


#36
1,1-Dichloropropene
Concen: 46.432 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26



Tgt Ion: 75 Resp: 283157
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 31.1 25.3 37.9

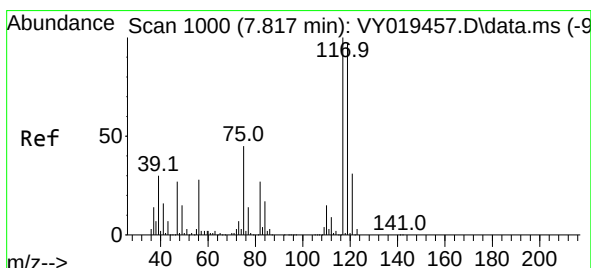
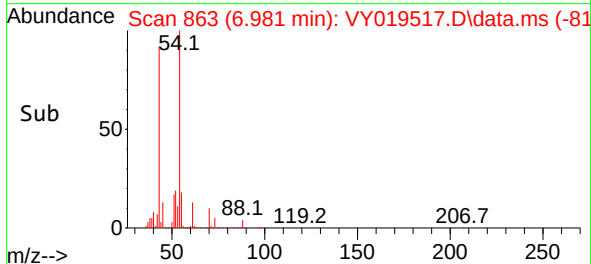
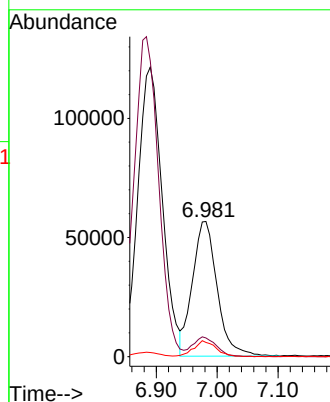
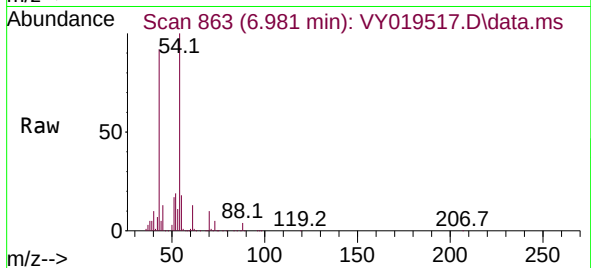




#37
Ethyl Acetate
Concen: 50.983 ug/l
RT: 6.981 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

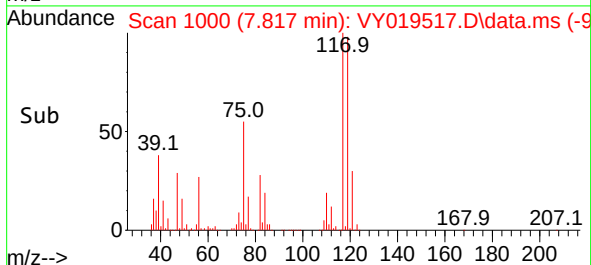
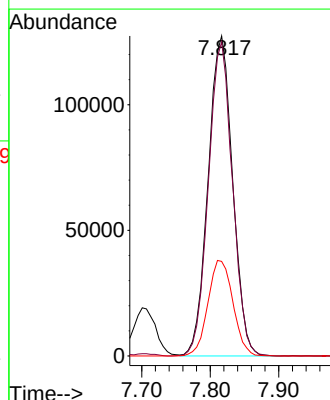
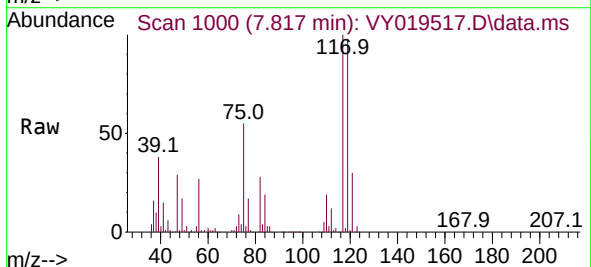
Instrument :
MSVOA_Y
ClientSampleId :

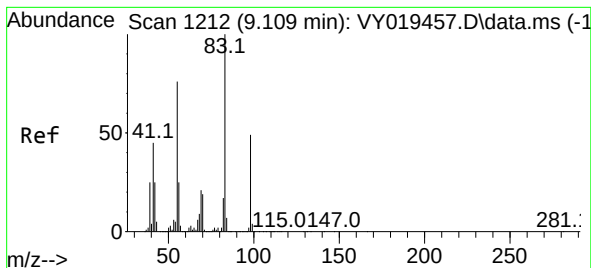
Tgt Ion: 43 Resp: 159305
Ion Ratio Lower Upper
43 100
61 14.0 12.6 19.0
70 10.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 46.089 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 117 Resp: 316957
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.6
121 29.5 24.0 36.0





#39

Methylcyclohexane

Concen: 44.079 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

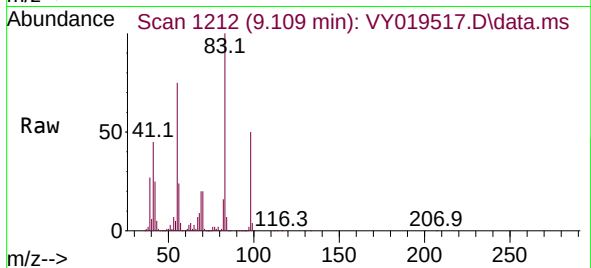
Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :



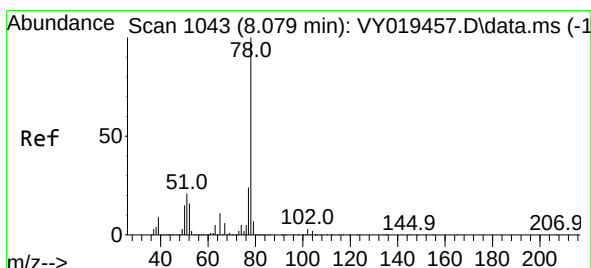
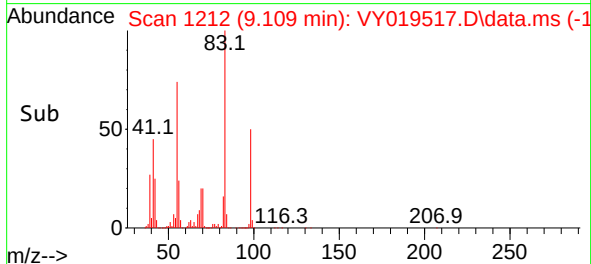
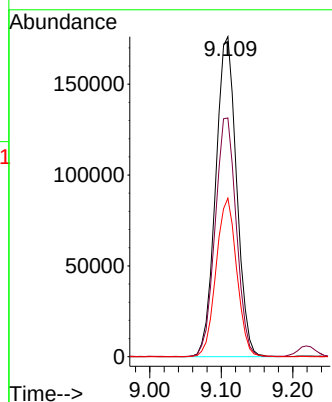
Tgt Ion: 83 Resp: 357731

Ion Ratio Lower Upper

83 100

55 74.5 51.5 77.3

98 49.5 40.5 60.7



#40

Benzene

Concen: 48.180 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019517.D

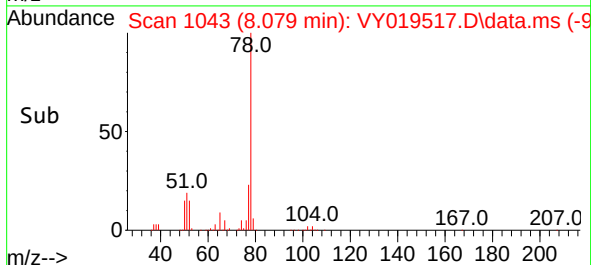
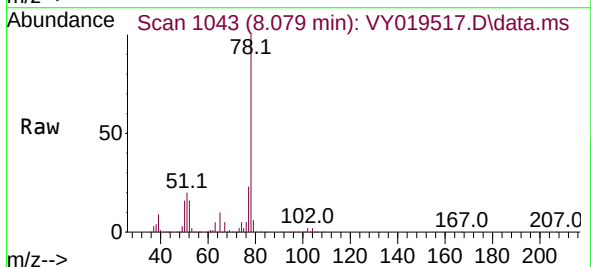
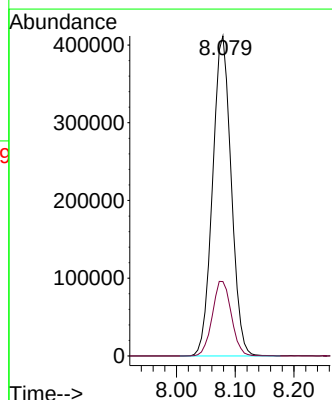
Acq: 11 Sep 2024 18:26

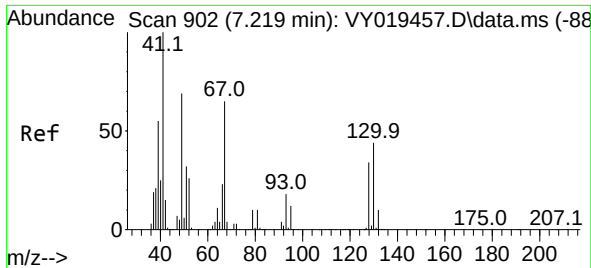
Tgt Ion: 78 Resp: 904968

Ion Ratio Lower Upper

78 100

77 23.2 19.5 29.3

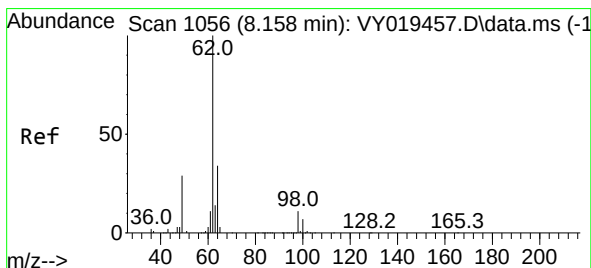
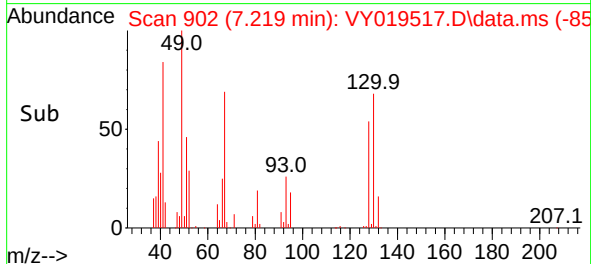
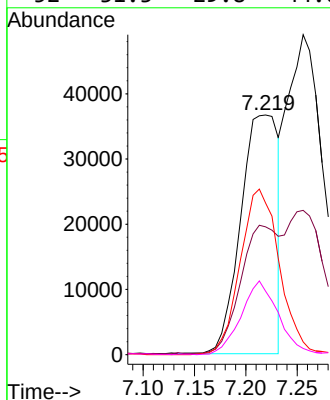
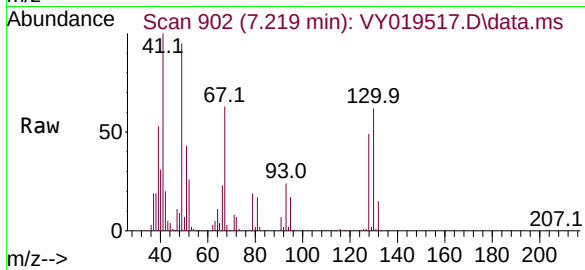




#41
Methacrylonitrile
Concen: 50.892 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

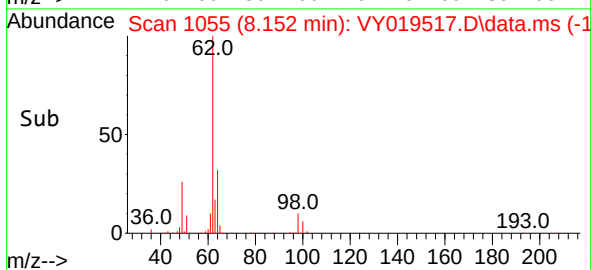
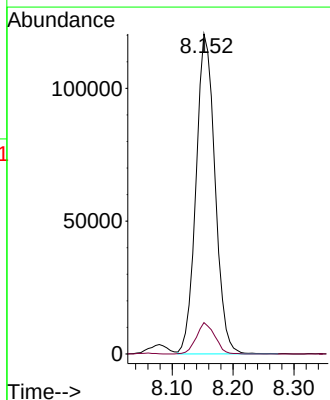
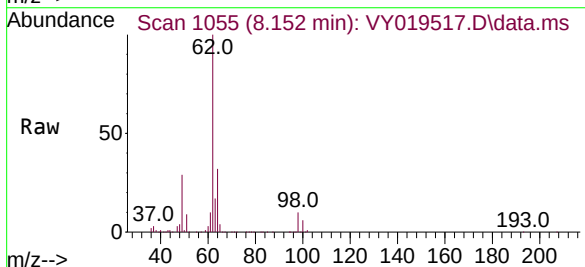
Instrument :
MSVOA_Y
ClientSampleId :

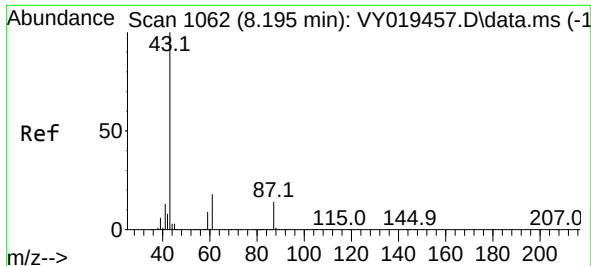
Tgt Ion:	41	Resp:	92696
Ion	Ratio	Lower	Upper
41	100		
39	53.3	48.0	72.0
67	73.3	75.1	112.7#
52	31.3	29.8	44.6



#42
1,2-Dichloroethane
Concen: 51.503 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion:	62	Resp:	260312
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	22.0

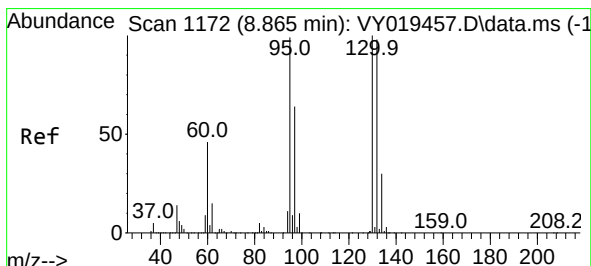
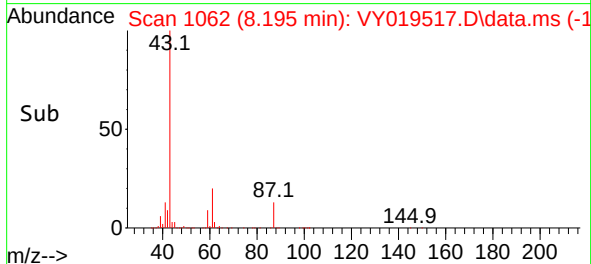
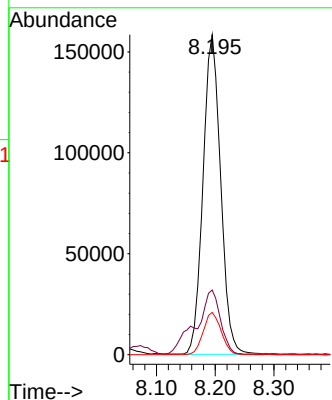
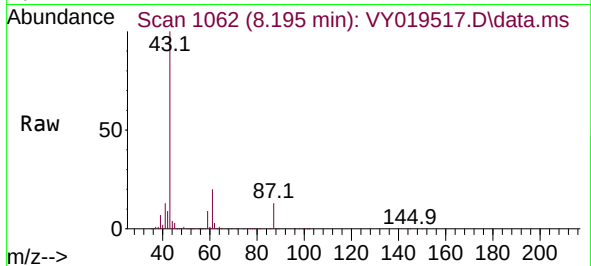




#43
Isopropyl Acetate
Concen: 50.371 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

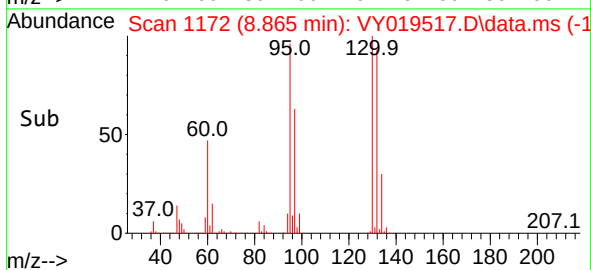
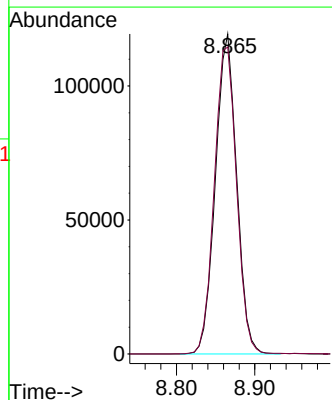
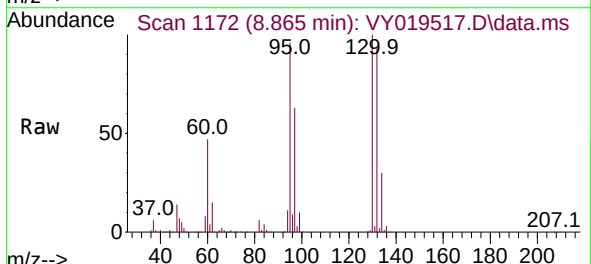
Instrument :
MSVOA_Y
ClientSampleId :

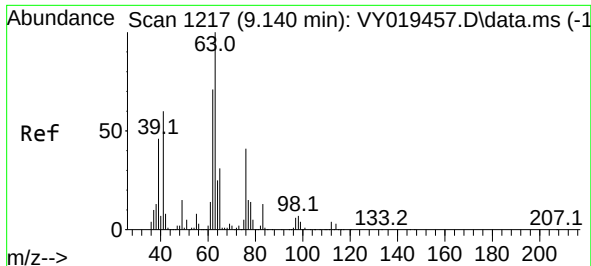
Tgt Ion: 43 Resp: 330667
Ion Ratio Lower Upper
43 100
61 28.4 27.9 41.9
87 13.4 13.1 19.7



#44
Trichloroethene
Concen: 46.718 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion:130 Resp: 225679
Ion Ratio Lower Upper
130 100
95 95.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.229 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

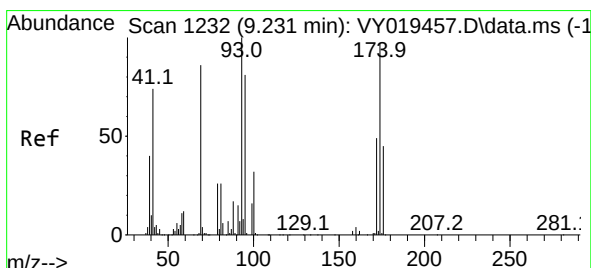
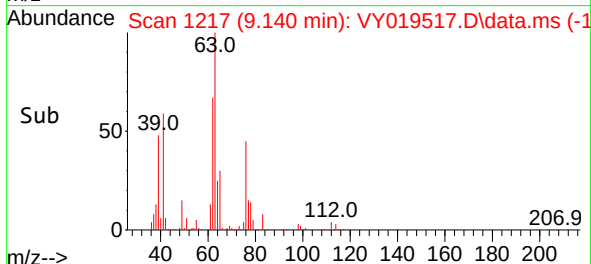
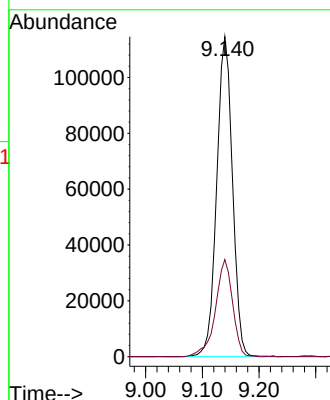
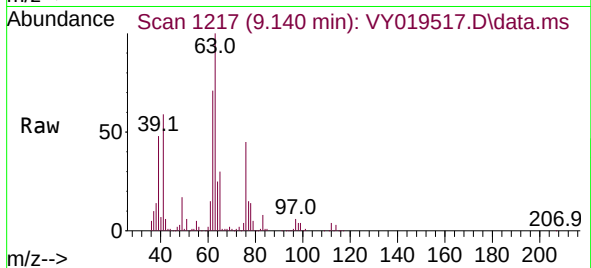
ClientSampleId :

Tgt Ion: 63 Resp: 221466

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.2



#46

Dibromomethane

Concen: 51.357 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

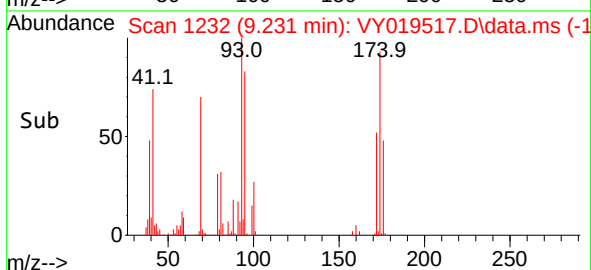
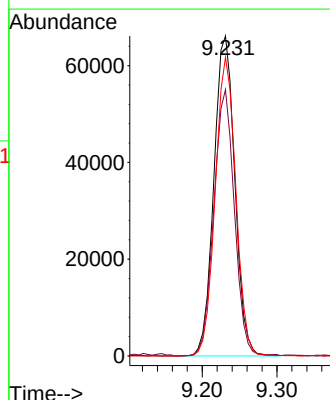
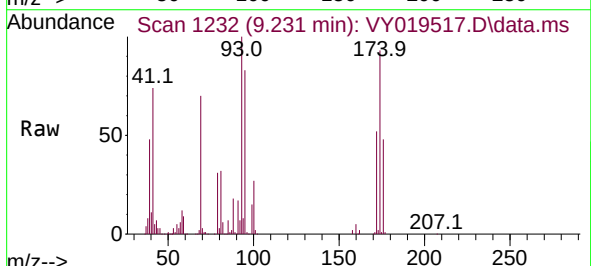
Tgt Ion: 93 Resp: 128965

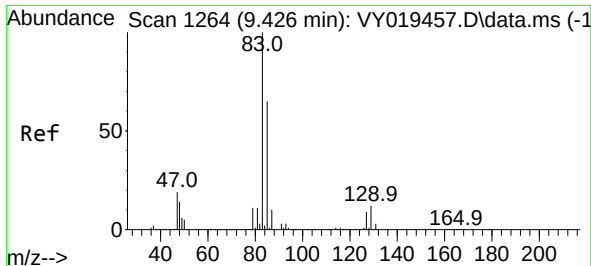
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 91.7 80.9 121.3

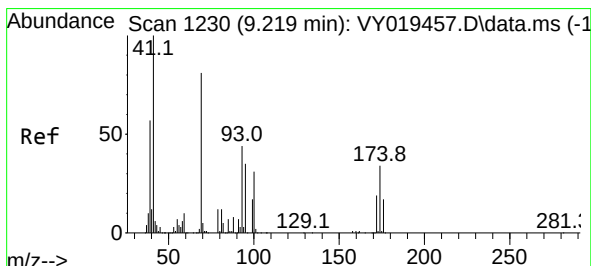
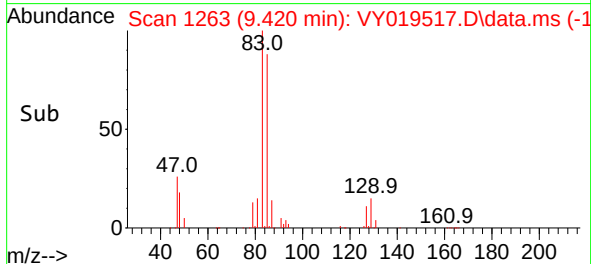
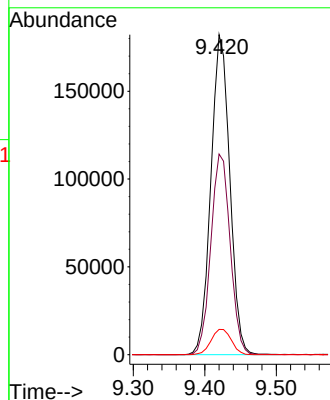
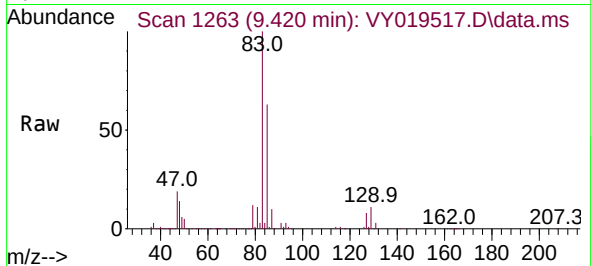




#47
Bromodichloromethane
Concen: 49.538 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

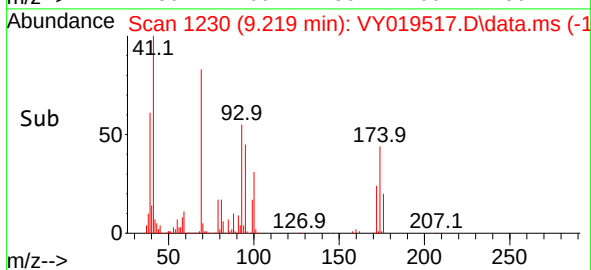
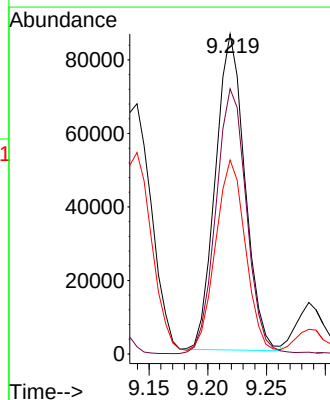
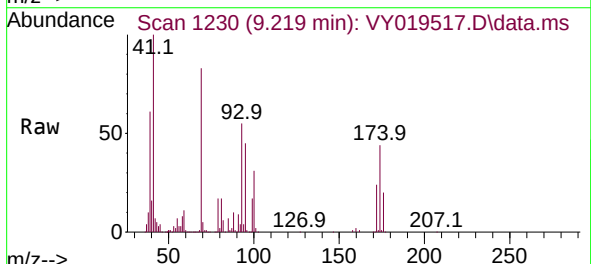
Instrument :
MSVOA_Y
ClientSampleId :

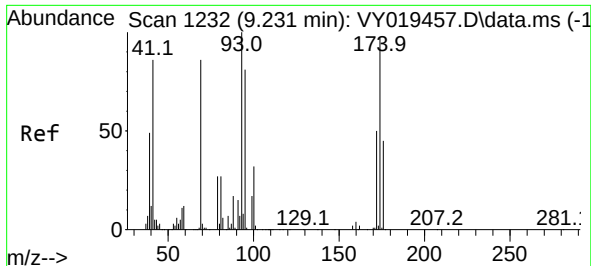
Tgt Ion: 83 Resp: 334392
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 48.281 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 41 Resp: 149673
Ion Ratio Lower Upper
41 100
69 87.5 84.1 126.1
39 61.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1012.285 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

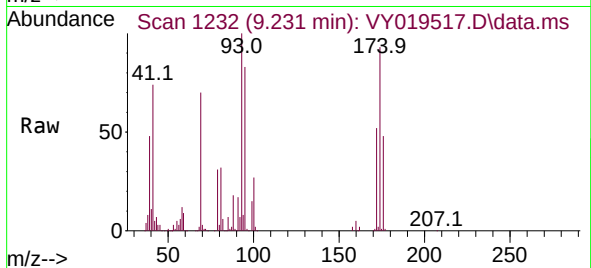
Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :



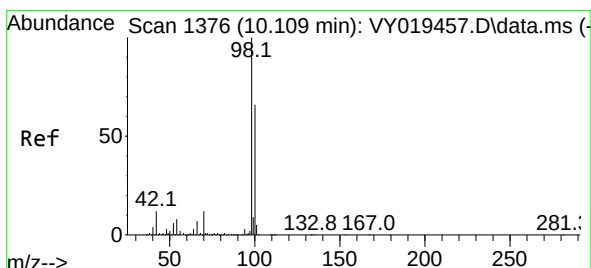
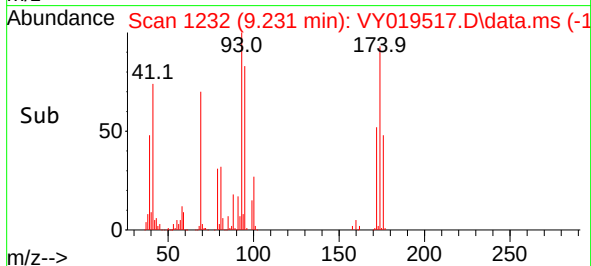
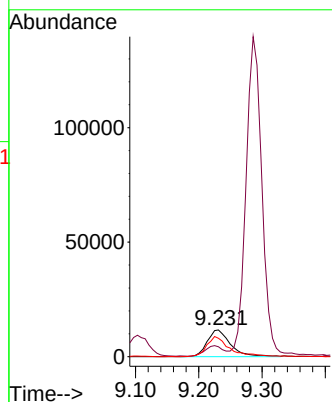
Tgt Ion: 88 Resp: 29925

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 75.2 49.3 73.9#



#50

Toluene-d8

Concen: 53.303 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019517.D

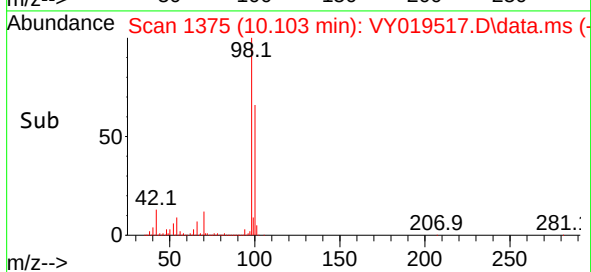
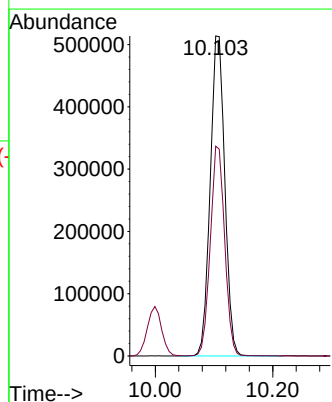
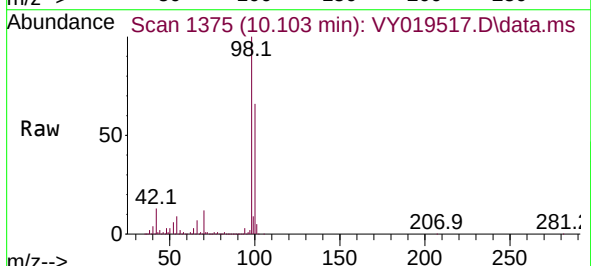
Acq: 11 Sep 2024 18:26

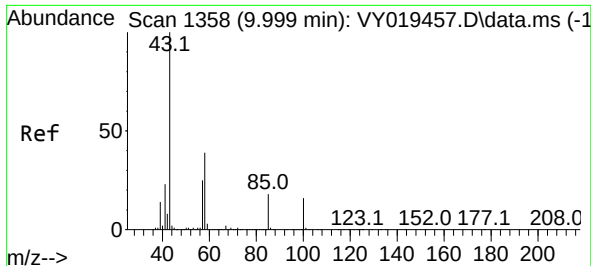
Tgt Ion: 98 Resp: 883595

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

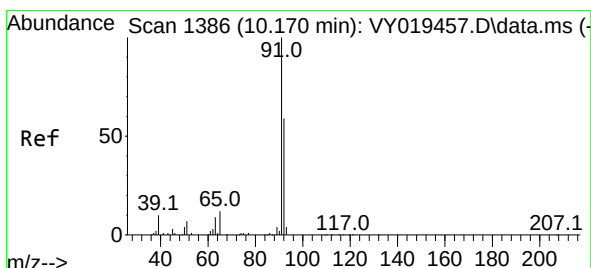
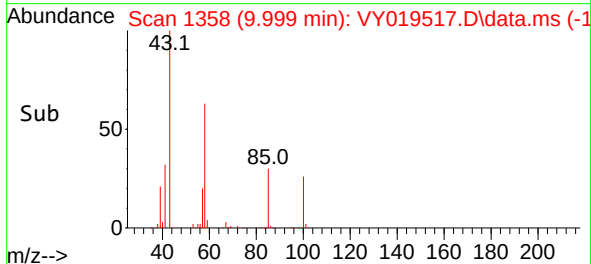
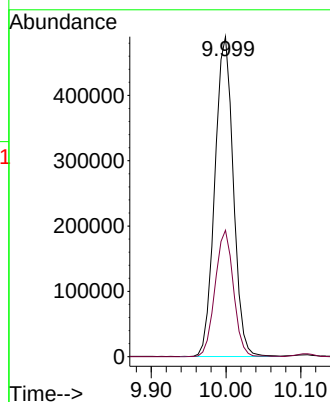
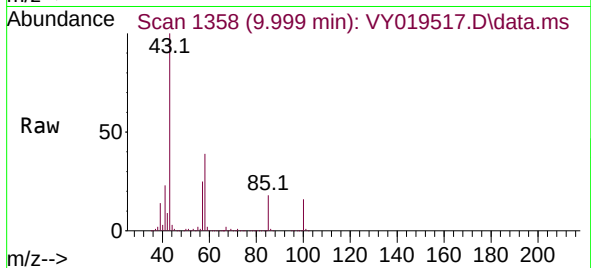




#51
4-Methyl-2-Pentanone
Concen: 254.100 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

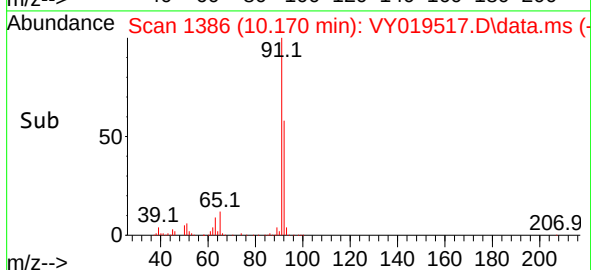
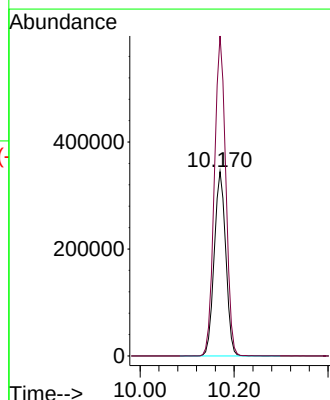
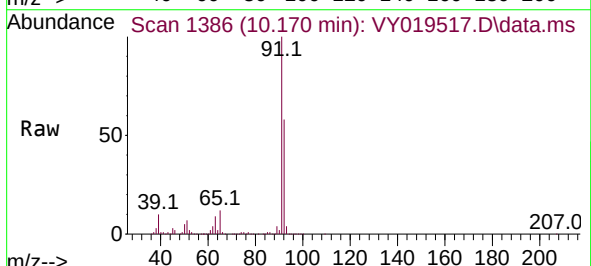
Instrument :
MSVOA_Y
ClientSampleId :

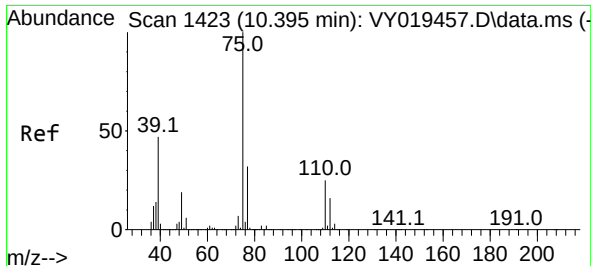
Tgt Ion: 43 Resp: 839193
Ion Ratio Lower Upper
43 100
58 39.4 35.7 53.5



#52
Toluene
Concen: 48.423 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 92 Resp: 584965
Ion Ratio Lower Upper
92 100
91 171.9 139.0 208.6

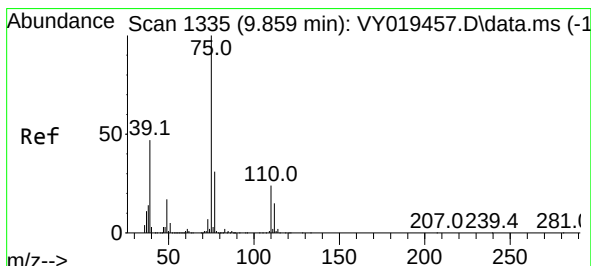
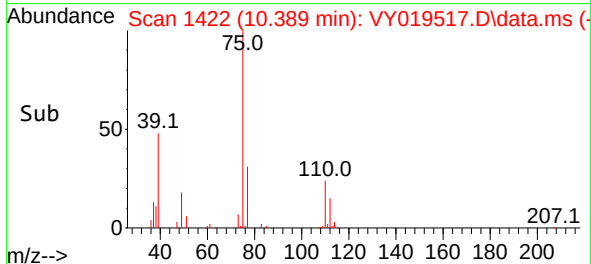
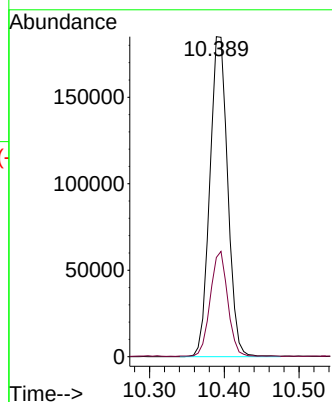
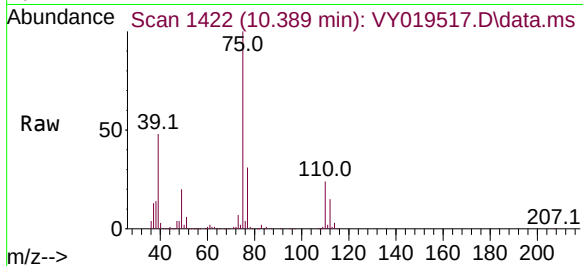




#53
 t-1,3-Dichloropropene
 Concen: 47.827 ug/l
 RT: 10.389 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY019517.D
 Acq: 11 Sep 2024 18:26

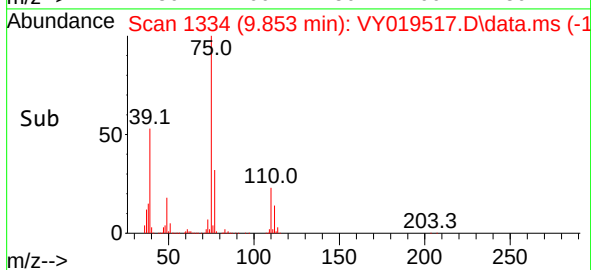
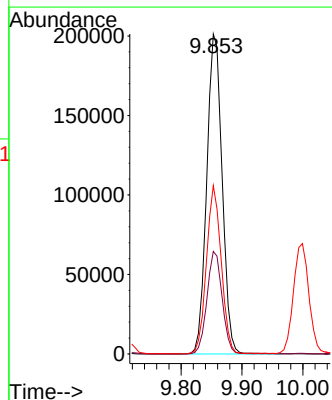
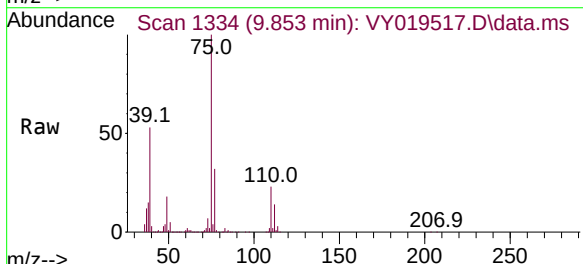
Instrument :
 MSVOA_Y
 ClientSampleId :

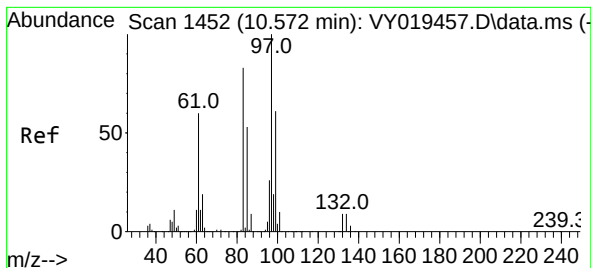
Tgt Ion: 75 Resp: 307751
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 47.319 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019517.D
 Acq: 11 Sep 2024 18:26

Tgt Ion: 75 Resp: 354544
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 52.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 50.236 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

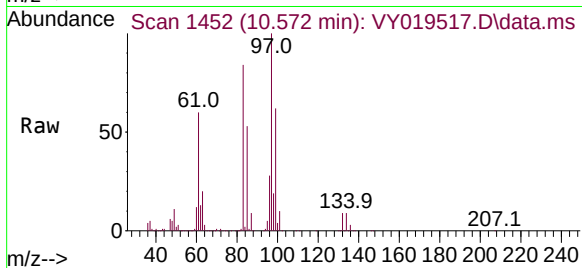
Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 174209

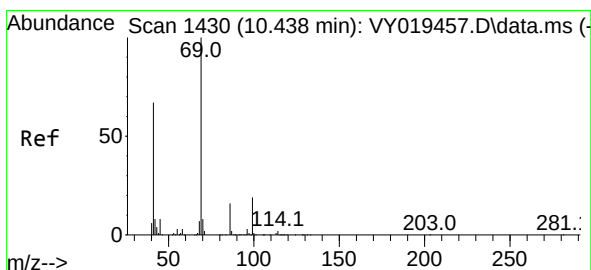
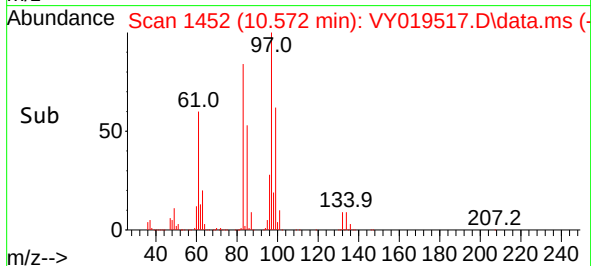
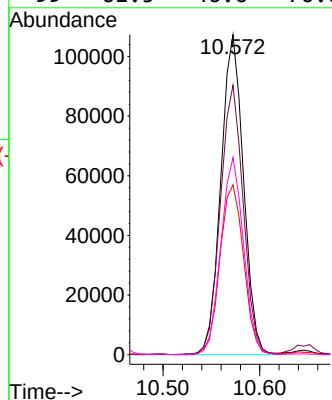
Ion Ratio Lower Upper

97 100

83 84.1 67.5 101.3

85 53.0 42.9 64.3

99 61.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.996 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

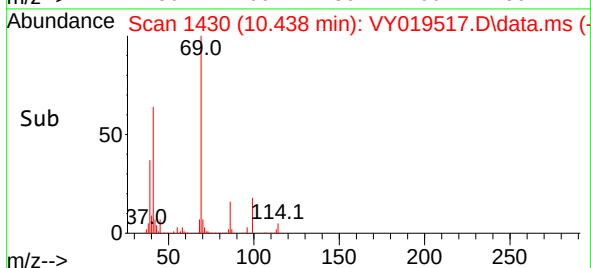
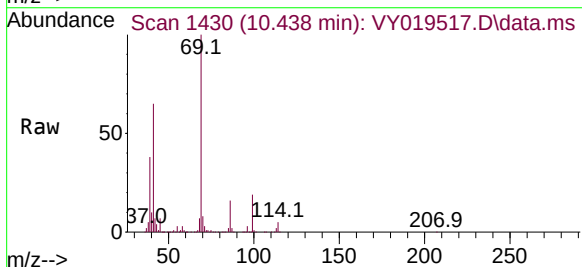
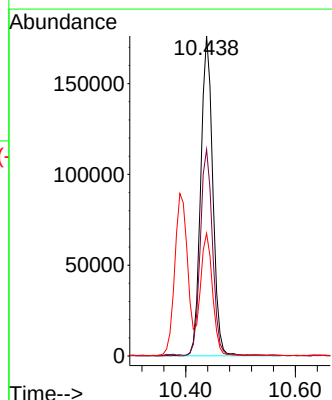
Tgt Ion: 69 Resp: 268636

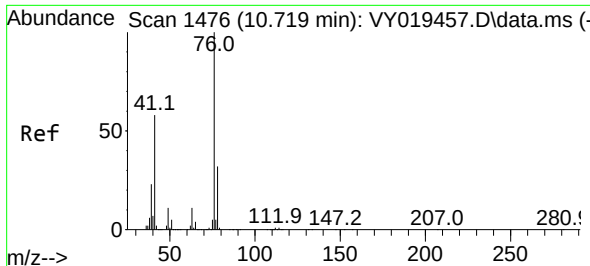
Ion Ratio Lower Upper

69 100

41 65.4 42.3 63.5#

39 38.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 49.681 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

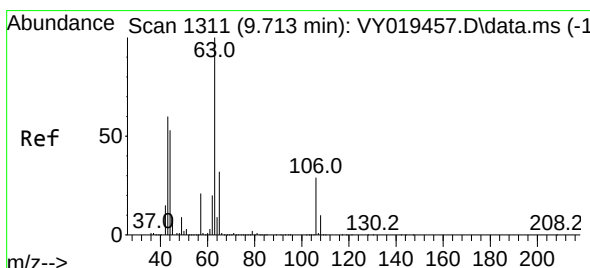
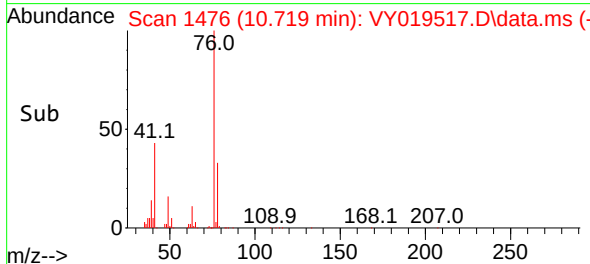
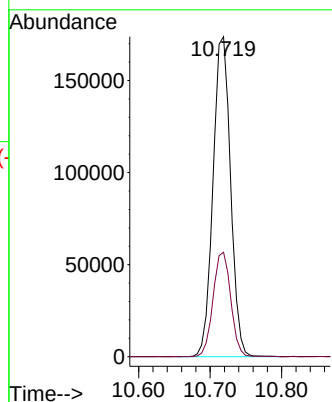
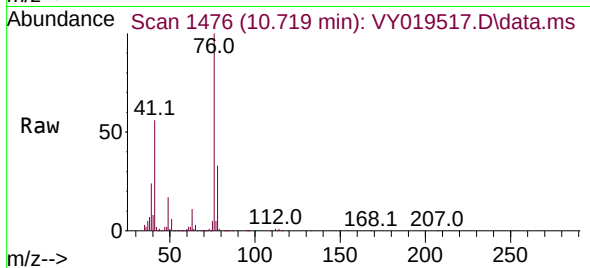
ClientSampleId :

Tgt Ion: 76 Resp: 296144

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 275.176 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019517.D

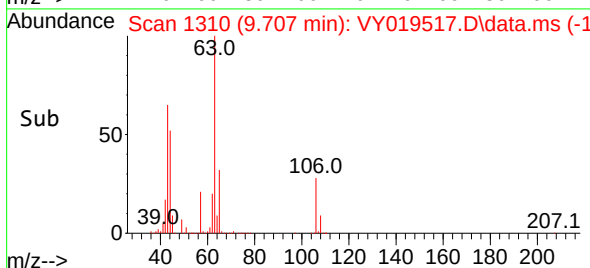
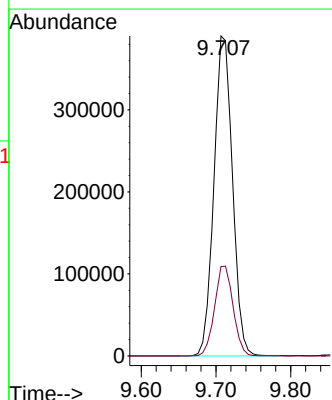
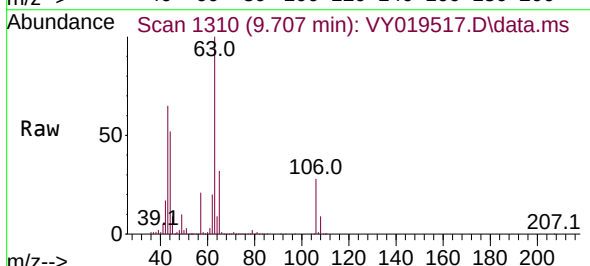
Acq: 11 Sep 2024 18:26

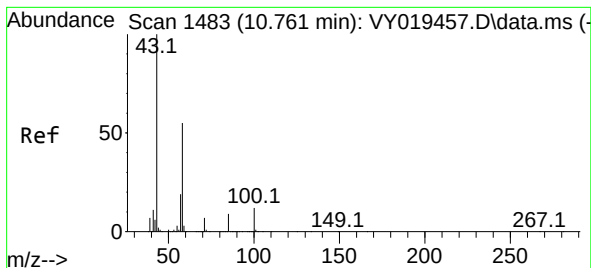
Tgt Ion: 63 Resp: 672793

Ion Ratio Lower Upper

63 100

106 28.1 23.7 35.5

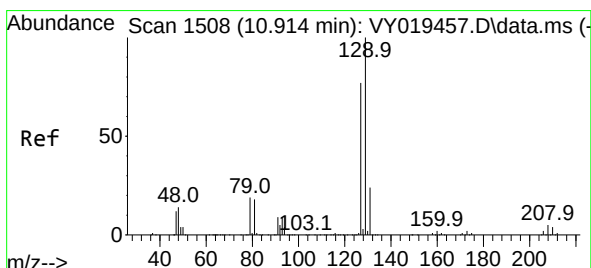
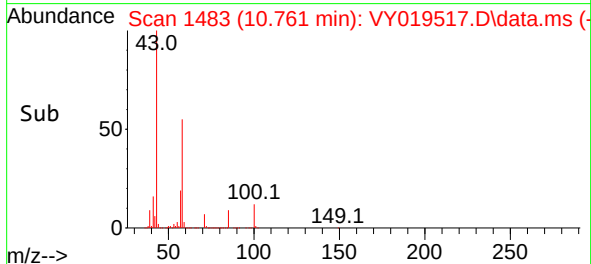
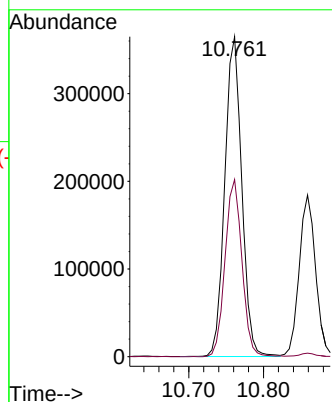
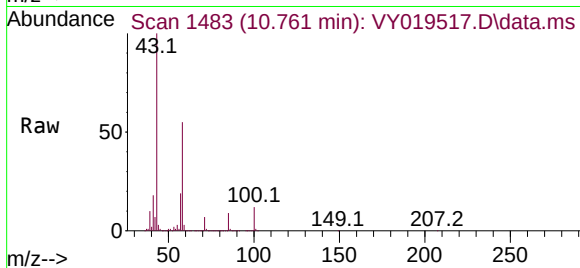




#59
2-Hexanone
Concen: 237.956 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

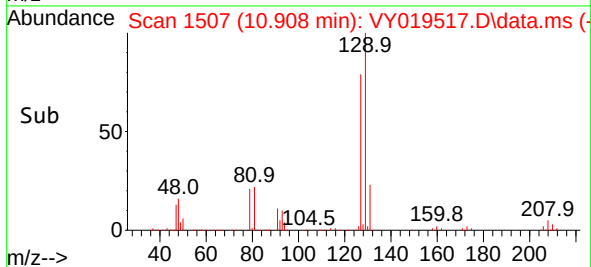
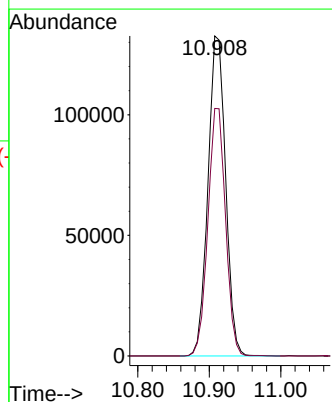
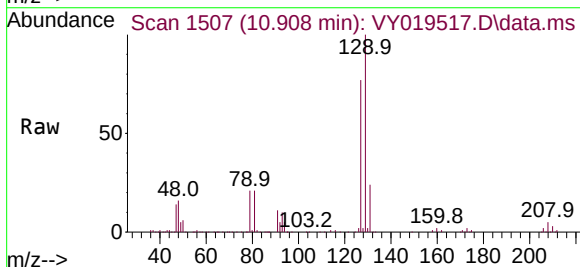
Instrument :
MSVOA_Y
ClientSampleId :

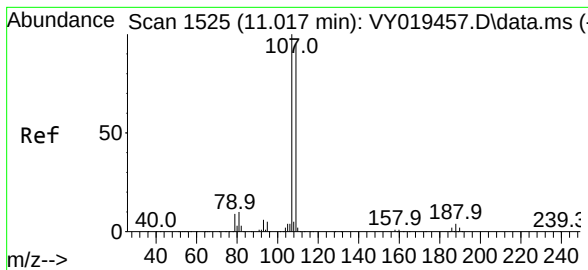
Tgt Ion: 43 Resp: 576152
Ion Ratio Lower Upper
43 100
58 55.2 31.4 94.0



#60
Dibromochloromethane
Concen: 49.556 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion:129 Resp: 227331
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

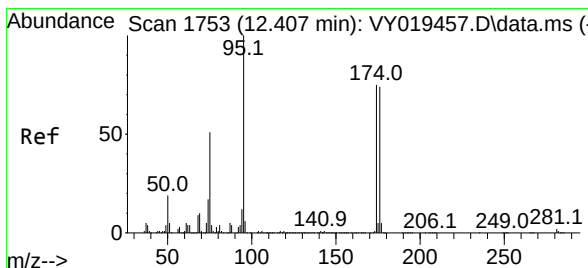
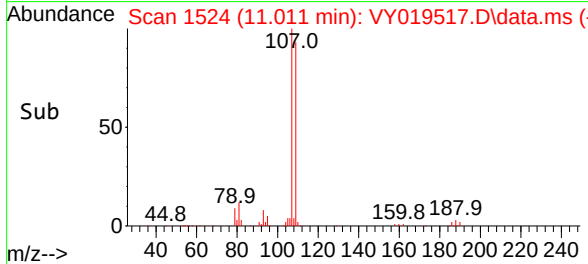
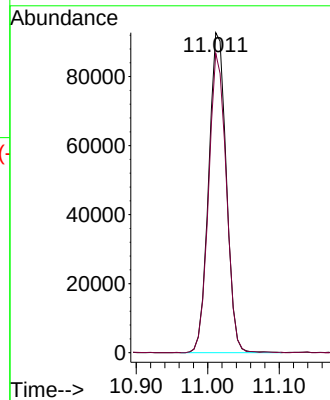
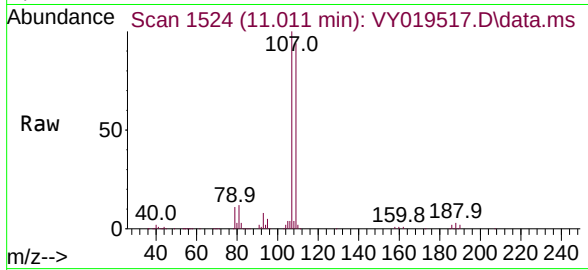




#61
1,2-Dibromoethane
Concen: 49.001 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

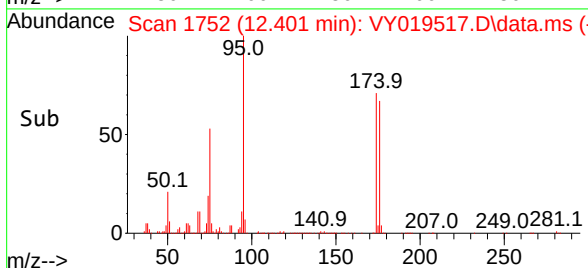
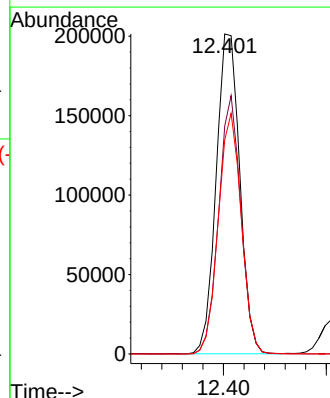
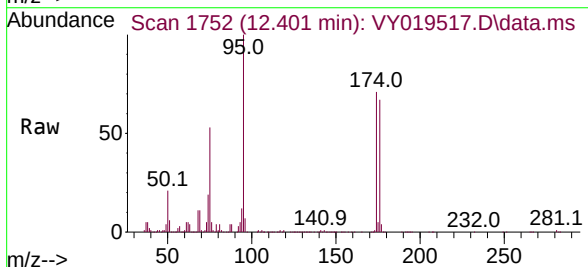
Instrument :
MSVOA_Y
ClientSampleId :

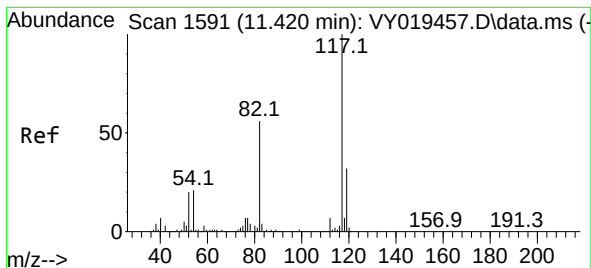
Tgt Ion:107 Resp: 158326
Ion Ratio Lower Upper
107 100
109 94.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.291 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 95 Resp: 320555
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 73.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

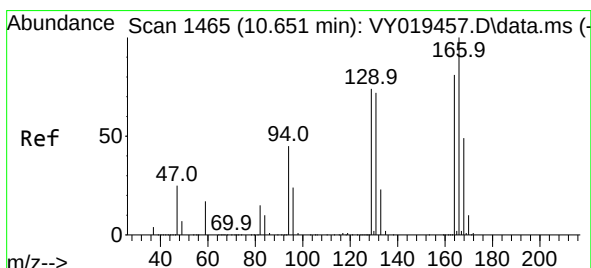
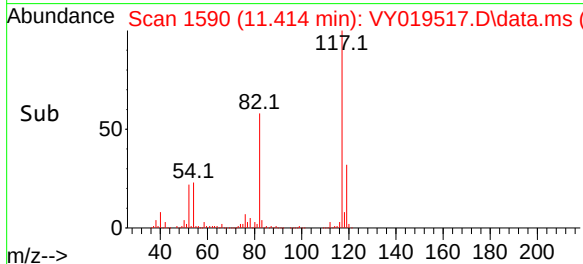
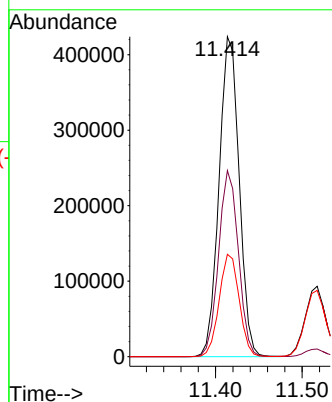
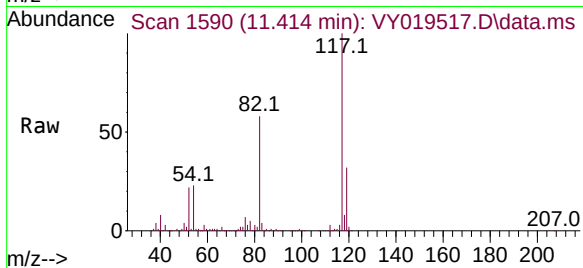
Tgt Ion:117 Resp: 683697

Ion Ratio Lower Upper

117 100

82 58.1 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 47.767 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Tgt Ion:164 Resp: 202234

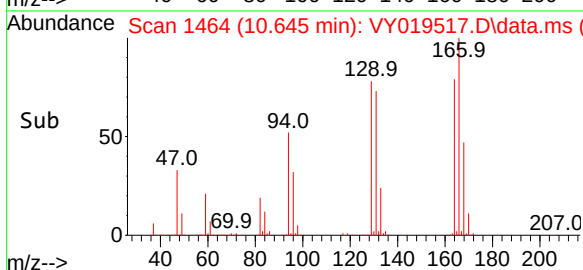
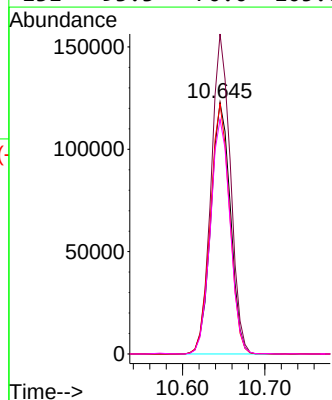
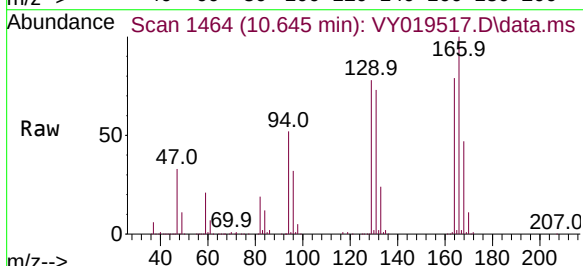
Ion Ratio Lower Upper

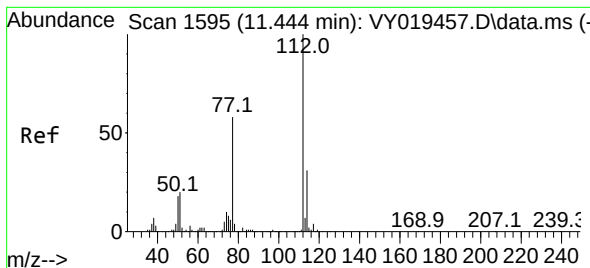
164 100

166 127.3 102.6 154.0

129 99.5 72.0 108.0

131 93.3 70.0 105.0





#65

Chlorobenzene

Concen: 47.760 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

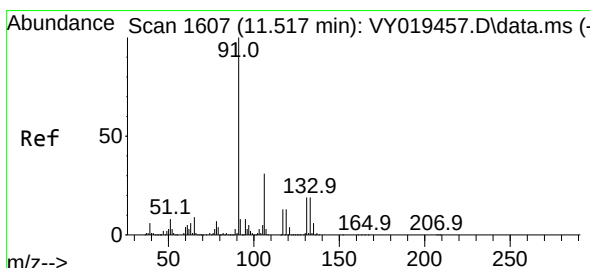
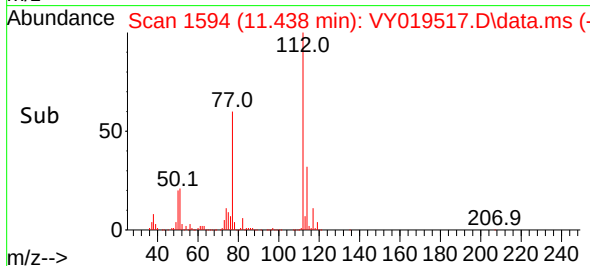
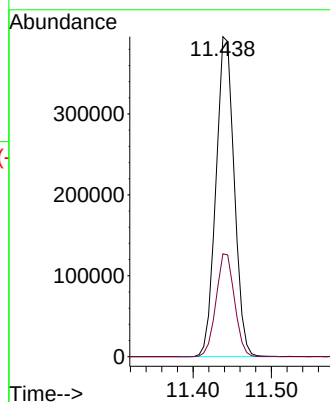
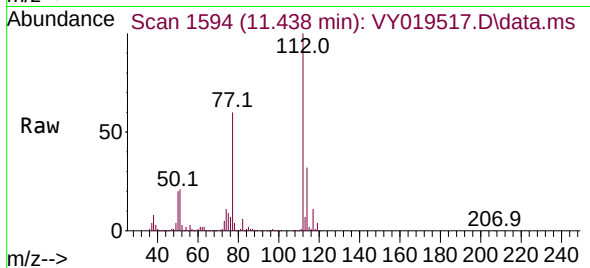
ClientSampleId :

Tgt Ion:112 Resp: 642317

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.790 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

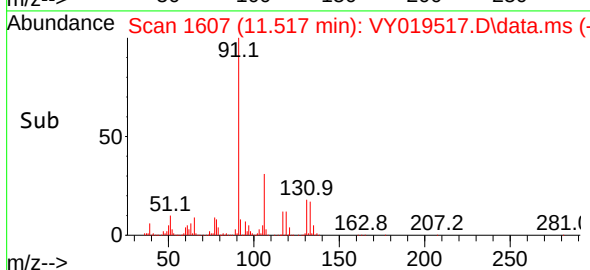
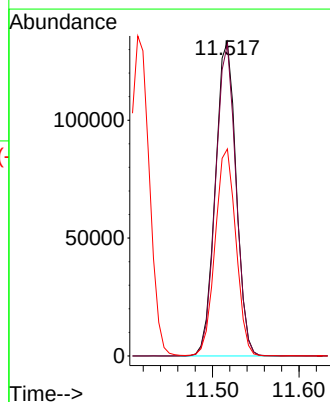
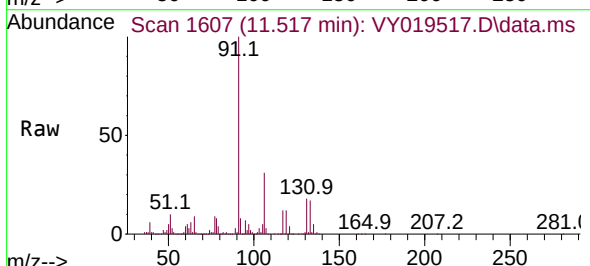
Tgt Ion:131 Resp: 222528

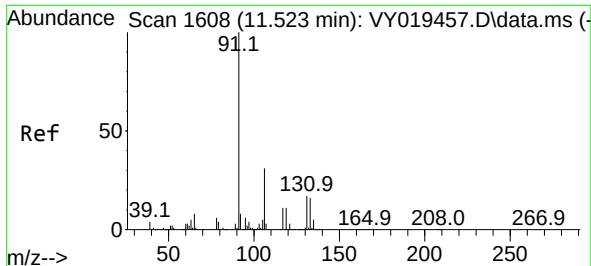
Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.3

119 65.9 34.1 102.2





#67

Ethyl Benzene

Concen: 47.607 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

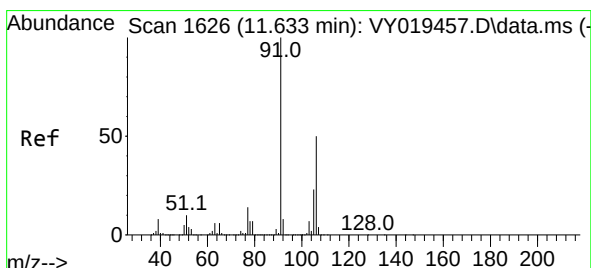
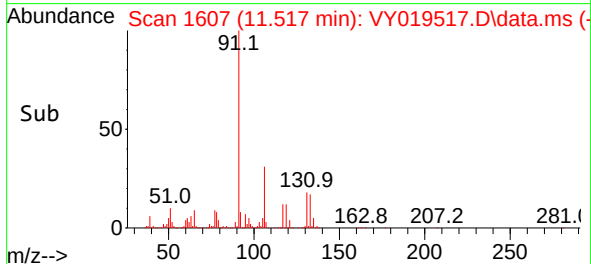
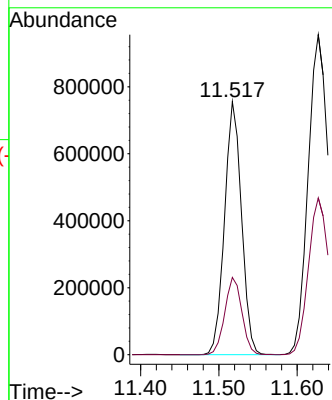
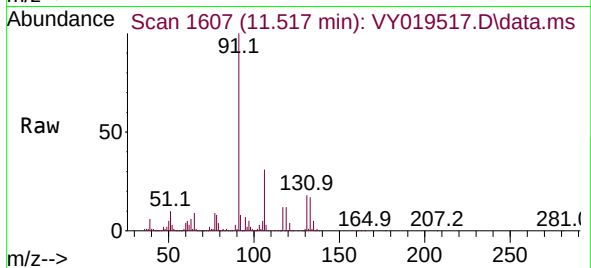
ClientSampleId :

Tgt Ion: 91 Resp: 1137633

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 93.815 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019517.D

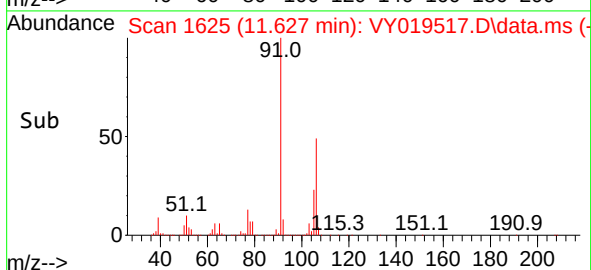
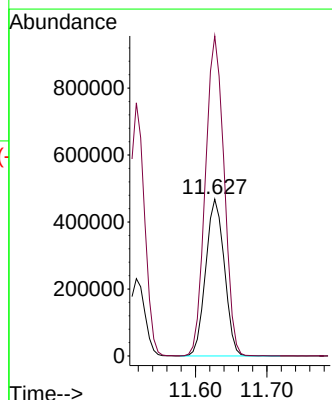
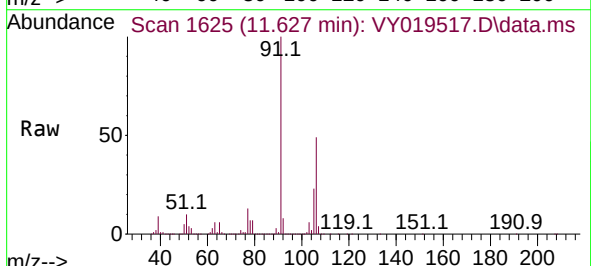
Acq: 11 Sep 2024 18:26

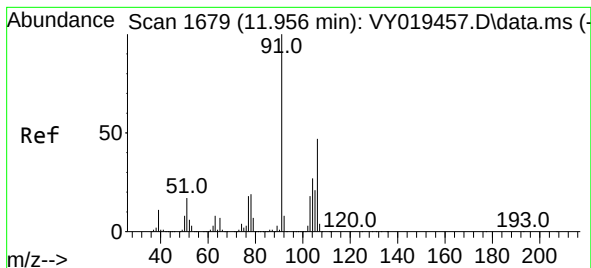
Tgt Ion:106 Resp: 847679

Ion Ratio Lower Upper

106 100

91 204.7 156.0 234.0





#69

o-Xylene

Concen: 47.239 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

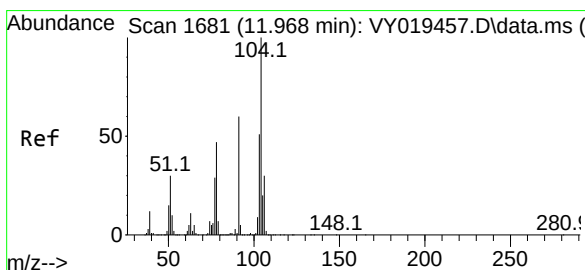
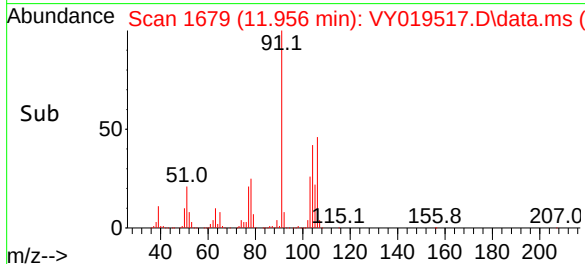
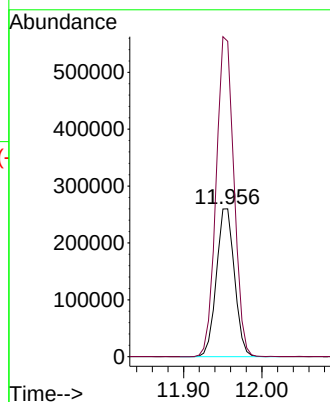
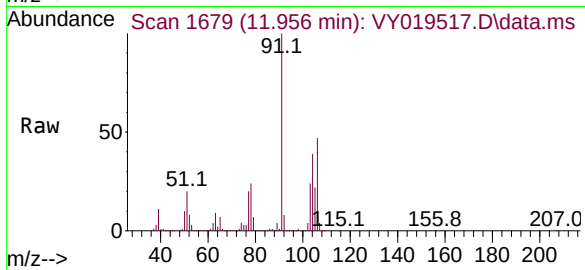
ClientSampleId :

Tgt Ion:106 Resp: 417430

Ion Ratio Lower Upper

106 100

91 213.2 103.6 310.8



#70

Styrene

Concen: 47.985 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

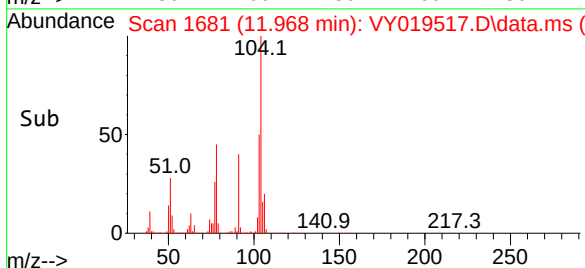
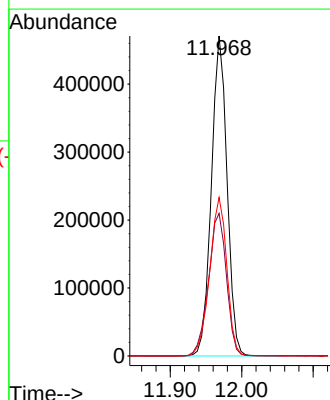
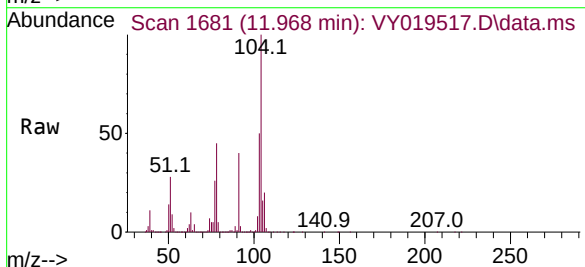
Tgt Ion:104 Resp: 715908

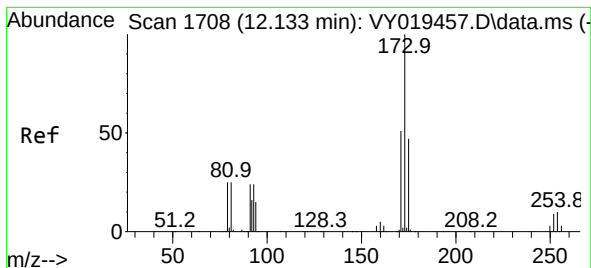
Ion Ratio Lower Upper

104 100

78 50.9 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 48.414 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

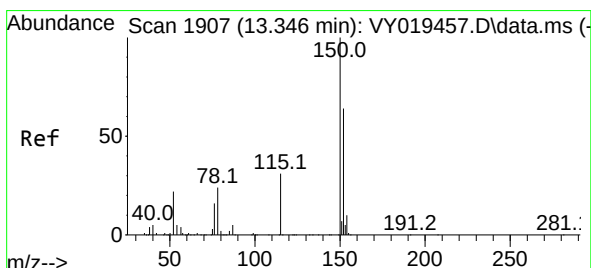
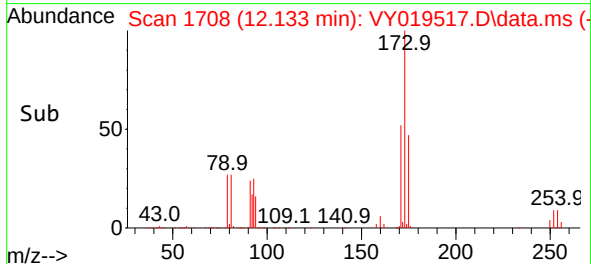
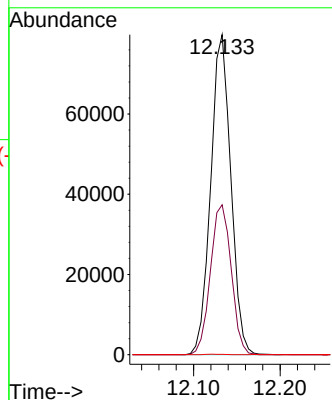
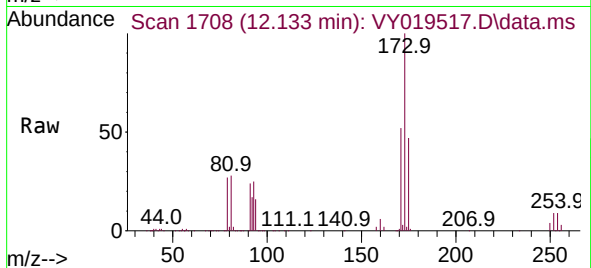
Tgt Ion:173 Resp: 128760

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

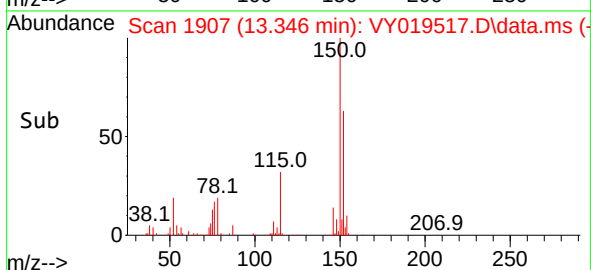
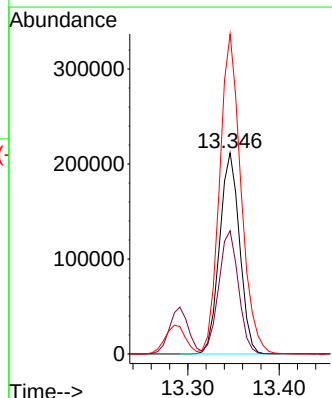
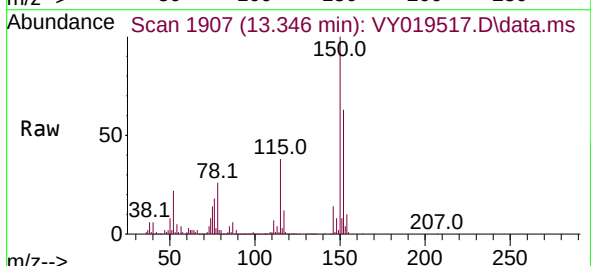
Tgt Ion:152 Resp: 321492

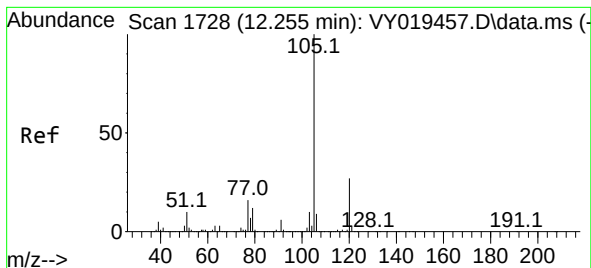
Ion Ratio Lower Upper

152 100

115 60.6 28.2 84.7

150 170.0 0.0 345.6





#73

Isopropylbenzene

Concen: 46.114 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

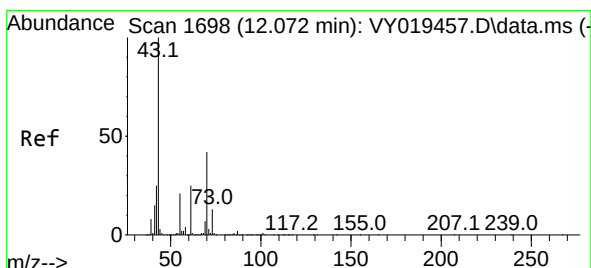
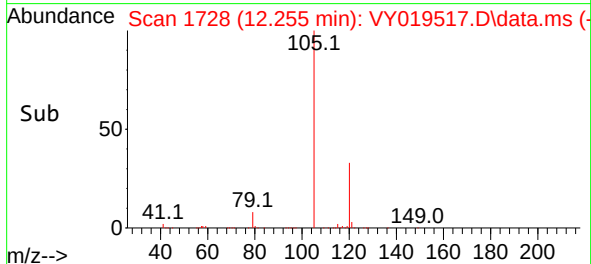
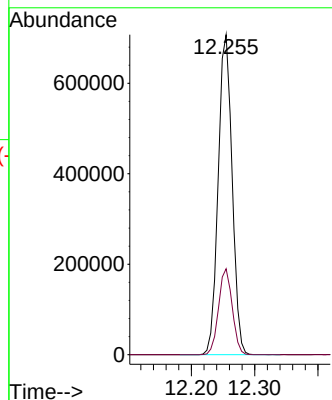
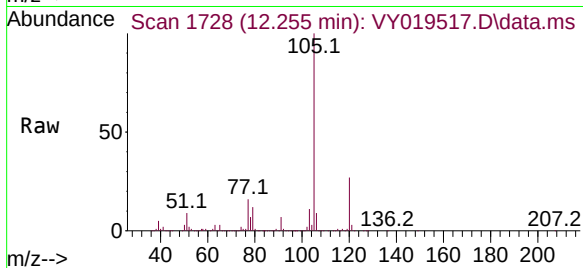
ClientSampleId :

Tgt Ion:105 Resp: 1075519

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 49.513 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Tgt Ion: 43 Resp: 314064

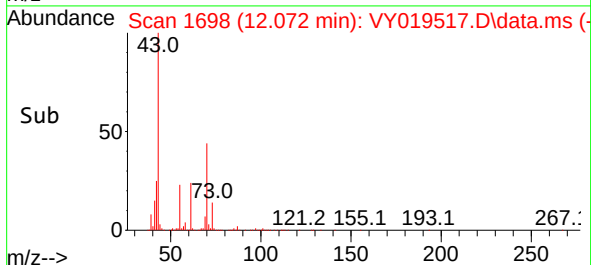
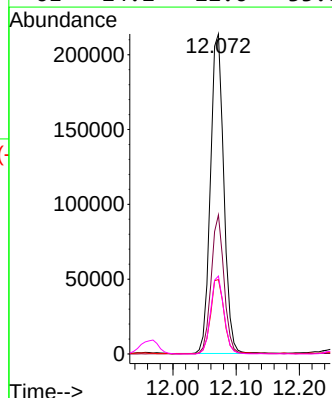
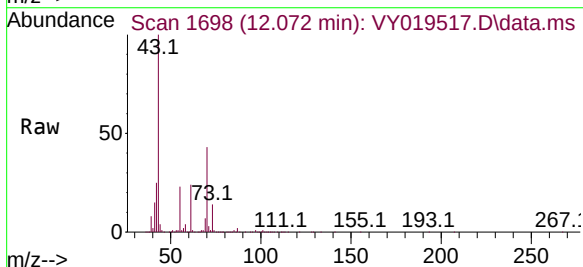
Ion Ratio Lower Upper

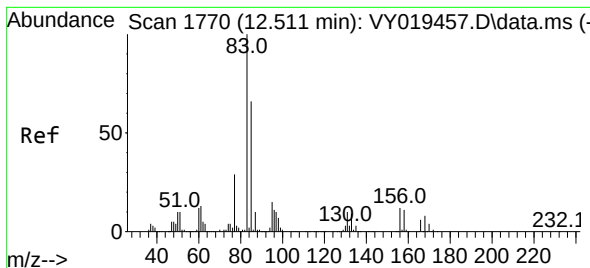
43 100

70 42.0 41.4 62.2

55 23.5 23.3 34.9

61 24.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.179 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

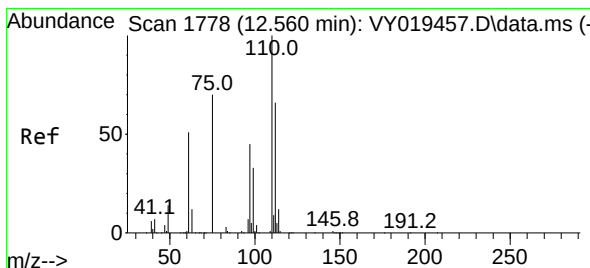
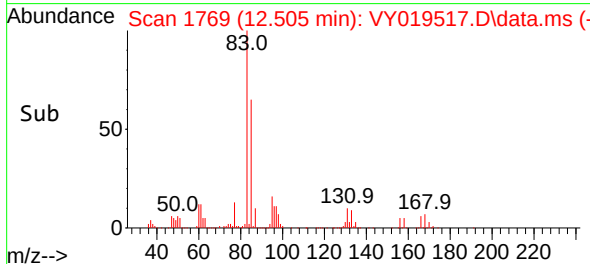
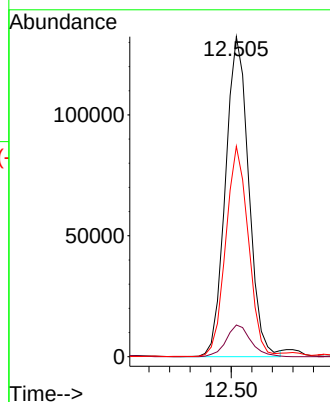
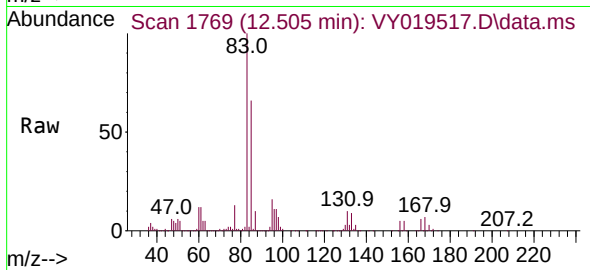
Tgt Ion: 83 Resp: 207731

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 64.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 86.914 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019517.D

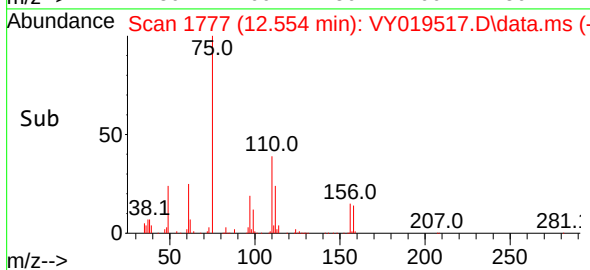
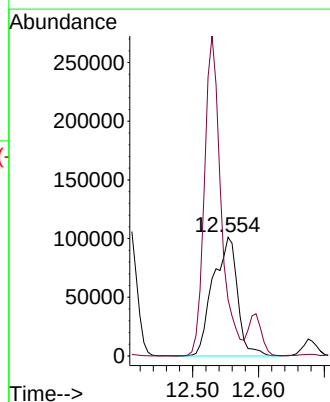
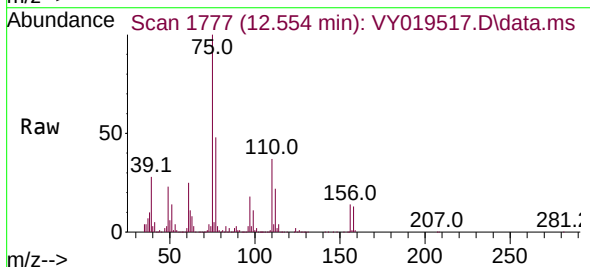
Acq: 11 Sep 2024 18:26

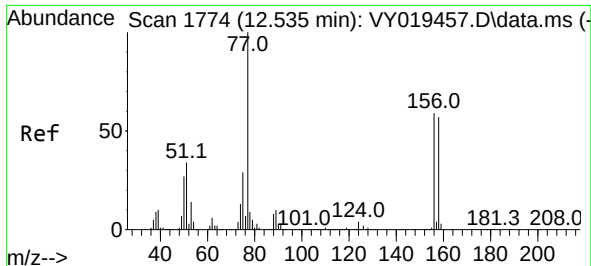
Tgt Ion: 75 Resp: 261900

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

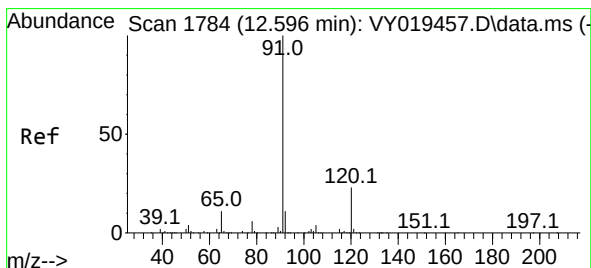
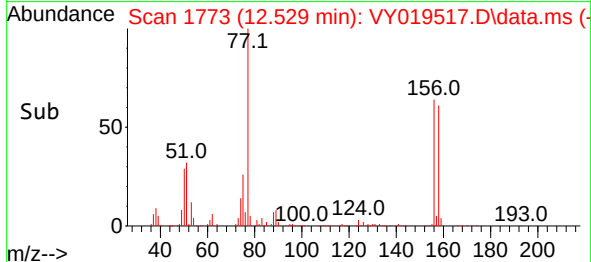
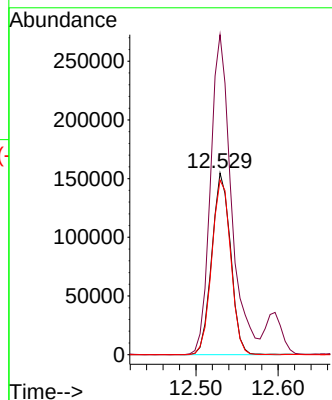
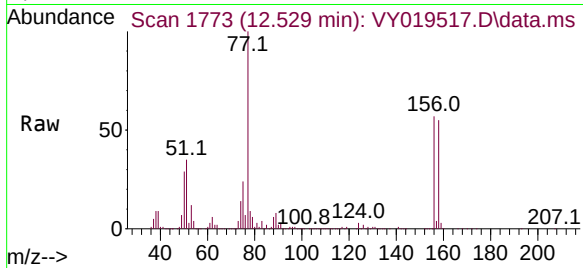




#77
Bromobenzene
Concen: 47.469 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

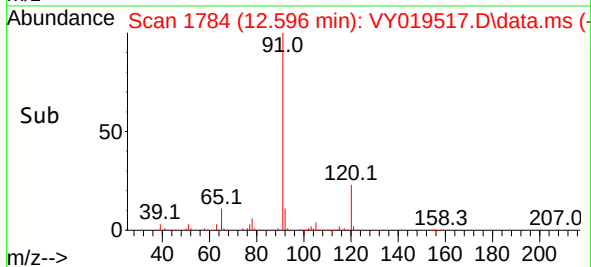
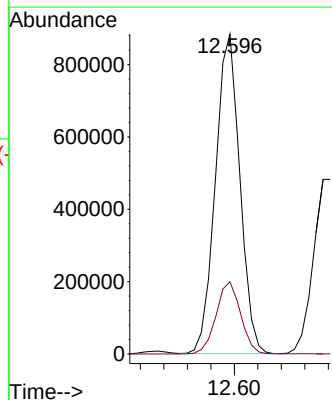
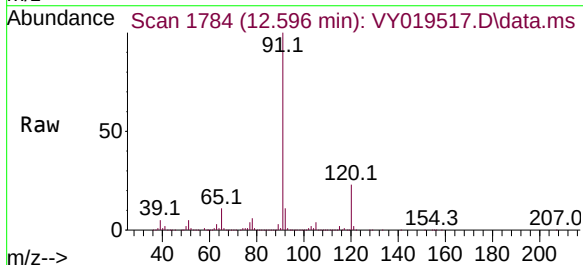
Instrument :
MSVOA_Y
ClientSampleId :

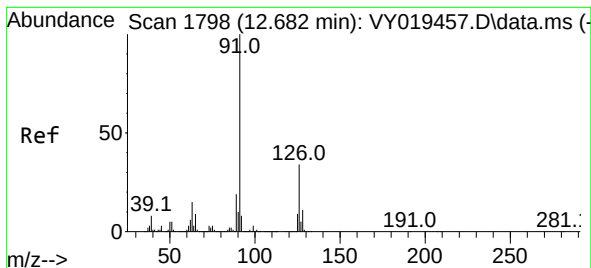
Tgt Ion:156 Resp: 245543
Ion Ratio Lower Upper
156 100
77 196.1 87.1 261.3
158 97.1 48.6 145.9



#78
n-propylbenzene
Concen: 46.142 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 91 Resp: 1275577
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

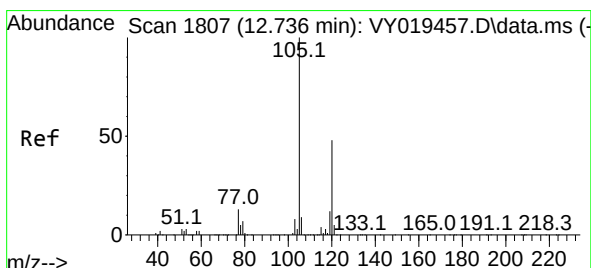
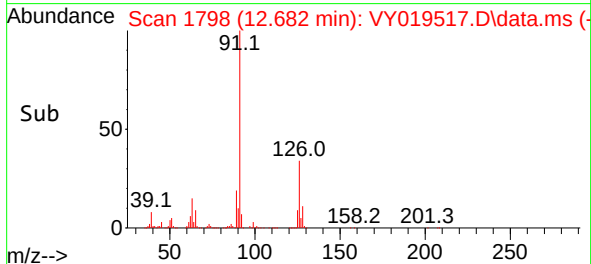
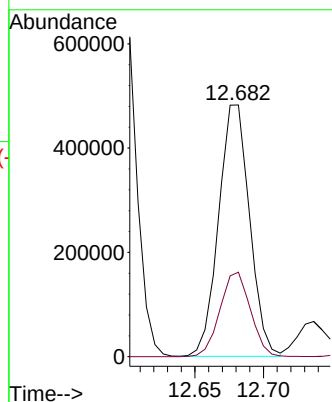
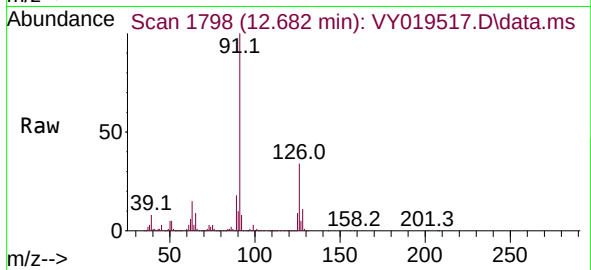




#79
2-Chlorotoluene
Concen: 47.203 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

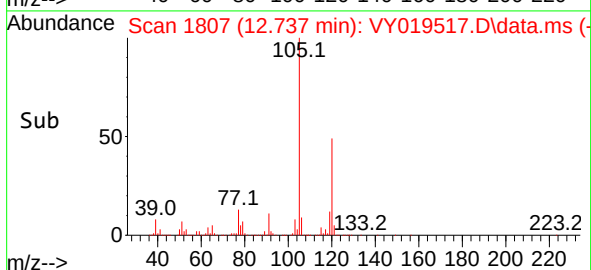
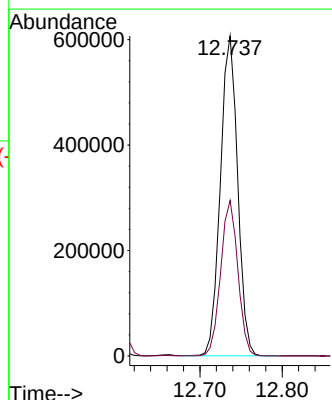
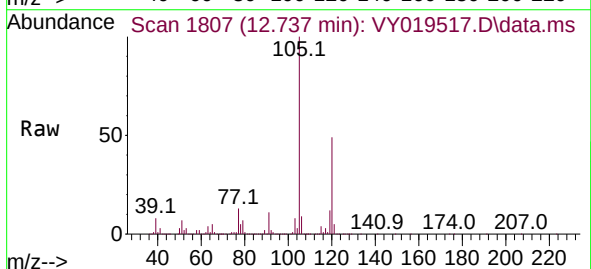
Instrument :
MSVOA_Y
ClientSampleId :

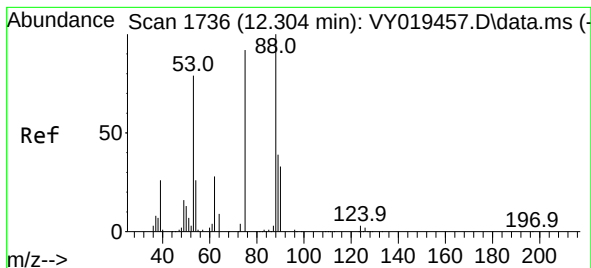
Tgt Ion: 91 Resp: 760457
Ion Ratio Lower Upper
91 100
126 33.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 46.687 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 105 Resp: 885219
Ion Ratio Lower Upper
105 100
120 48.4 25.1 75.2

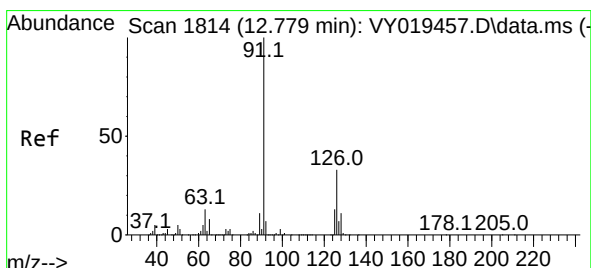
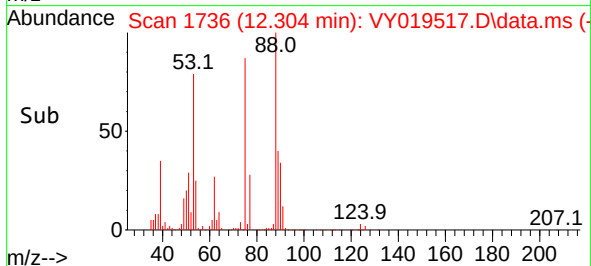
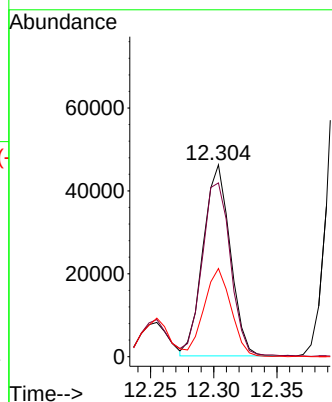
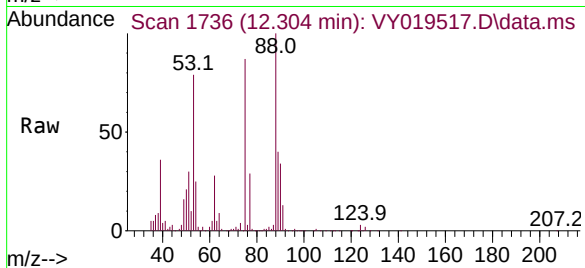




#81
trans-1,4-Dichloro-2-butene
Concen: 43.877 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

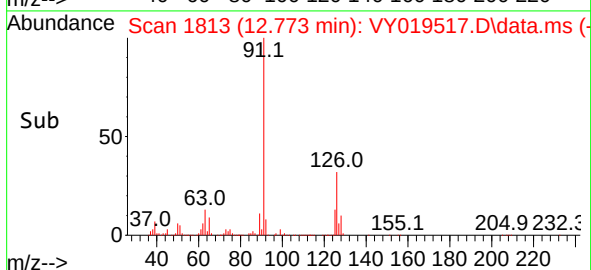
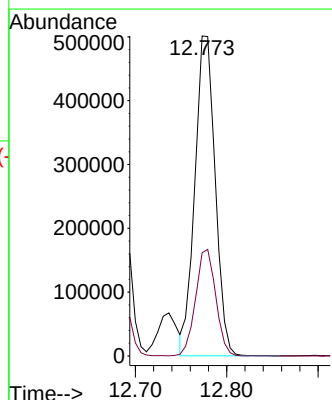
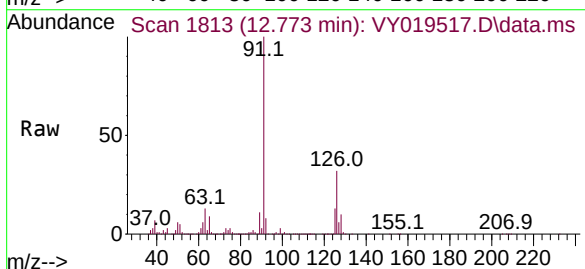
Instrument :
MSVOA_Y
ClientSampleId :

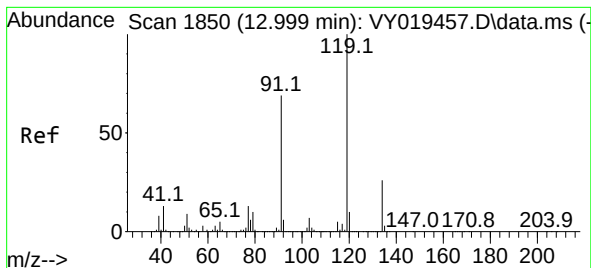
Tgt Ion: 75 Resp: 68873
Ion Ratio Lower Upper
75 100
53 95.6 66.8 100.2
89 45.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 46.799 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019517.D
Acq: 11 Sep 2024 18:26

Tgt Ion: 91 Resp: 775115
Ion Ratio Lower Upper
91 100
126 33.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 47.910 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

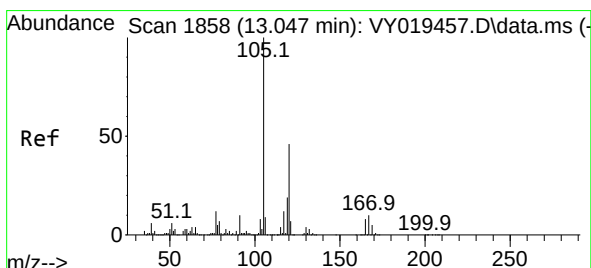
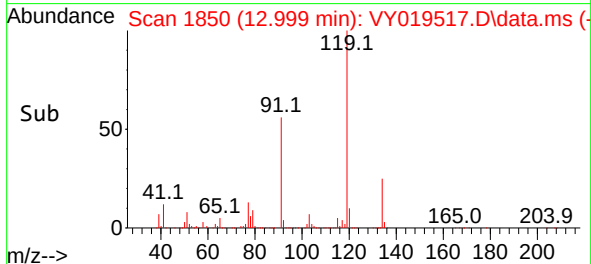
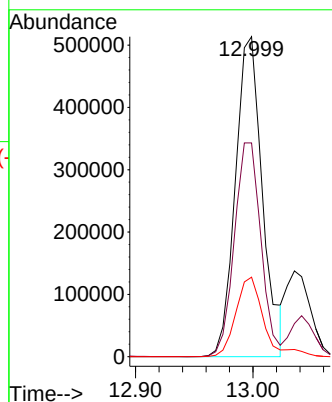
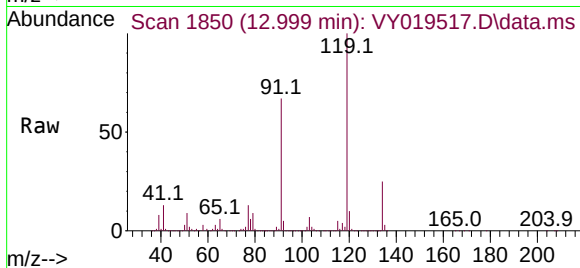
Tgt Ion:119 Resp: 822390

Ion Ratio Lower Upper

119 100

91 65.6 31.3 93.8

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 46.949 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019517.D

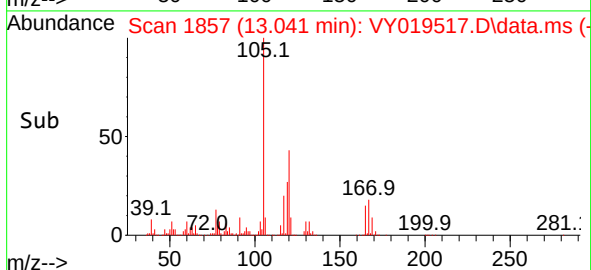
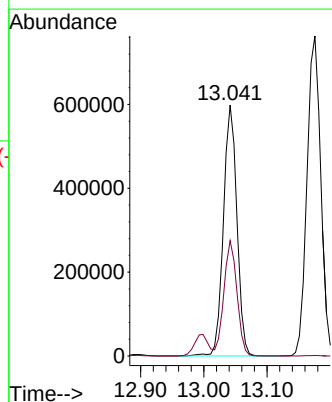
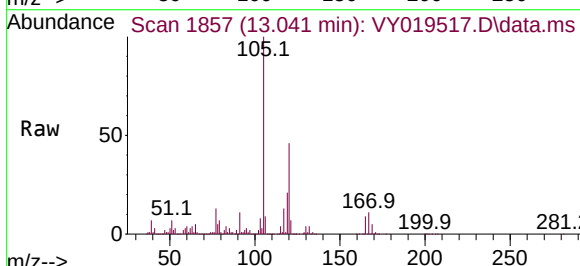
Acq: 11 Sep 2024 18:26

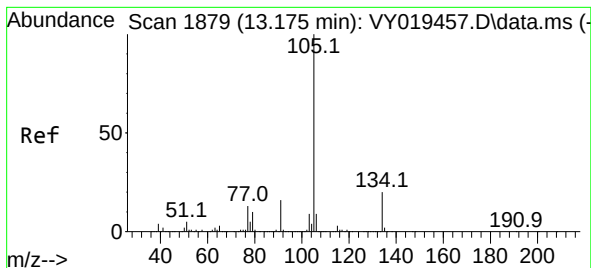
Tgt Ion:105 Resp: 881174

Ion Ratio Lower Upper

105 100

120 44.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 46.107 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

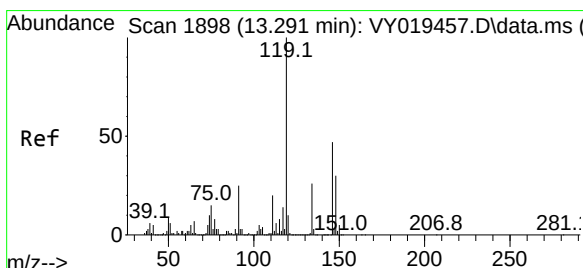
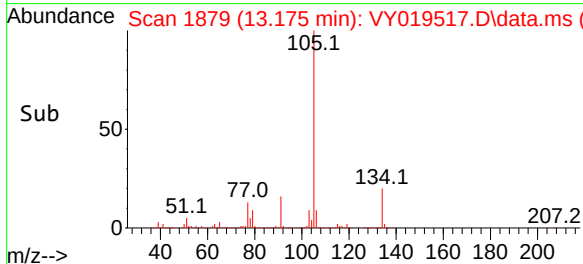
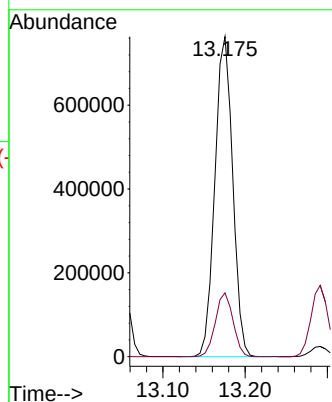
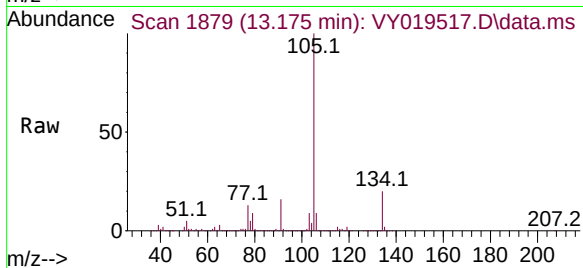
ClientSampleId :

Tgt Ion:105 Resp: 1149742

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 45.807 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

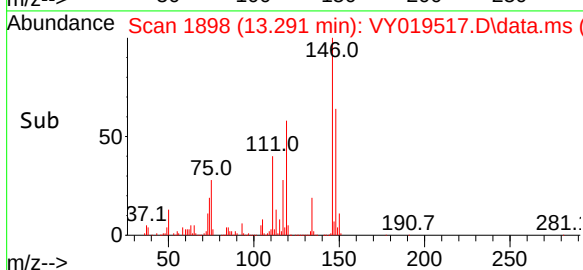
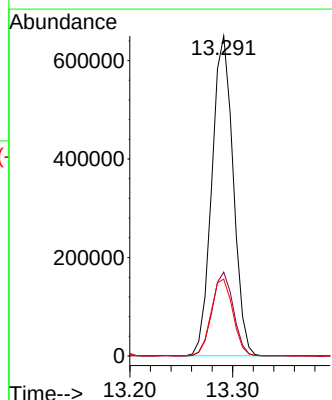
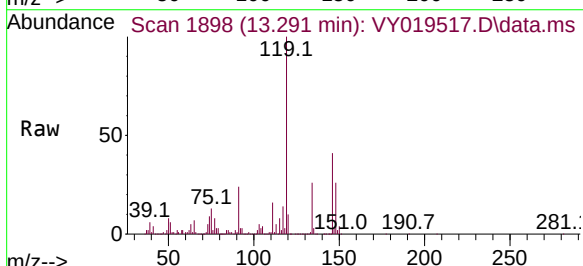
Tgt Ion:119 Resp: 934552

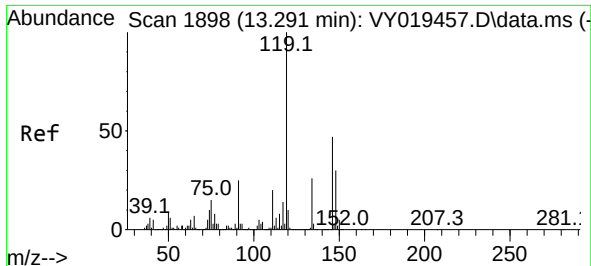
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 46.612 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

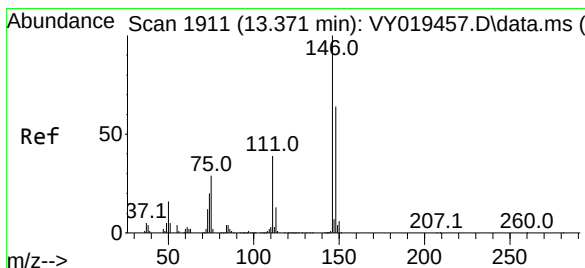
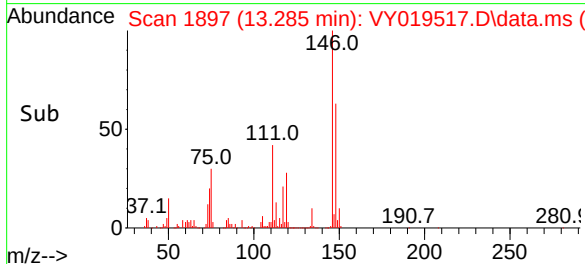
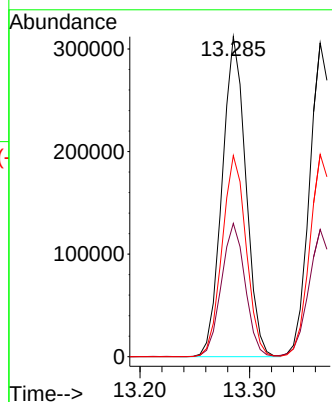
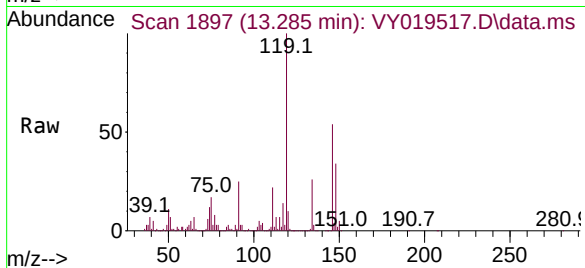
Tgt Ion:146 Resp: 468518

Ion Ratio Lower Upper

146 100

111 41.6 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 46.358 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

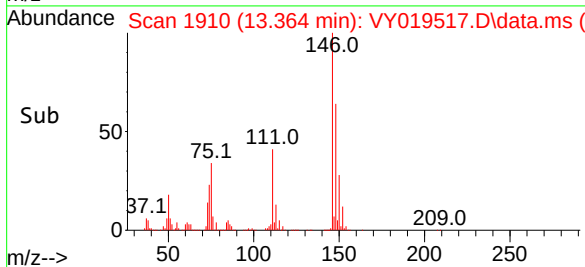
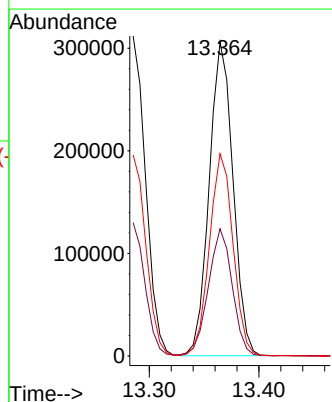
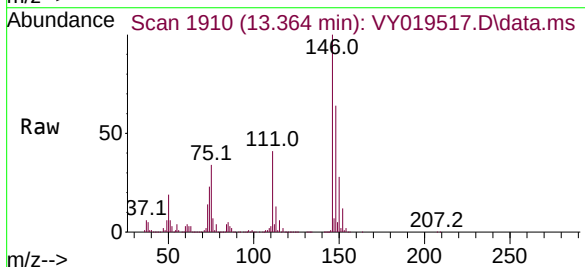
Tgt Ion:146 Resp: 462436

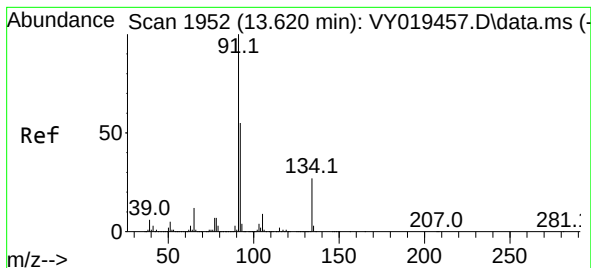
Ion Ratio Lower Upper

146 100

111 40.5 18.4 55.4

148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 44.095 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

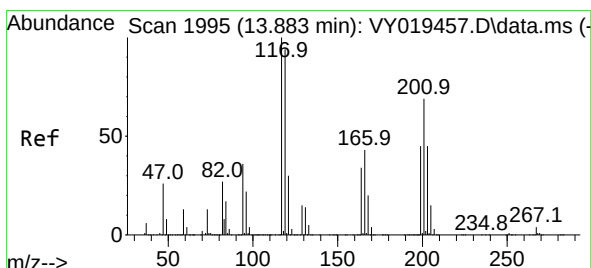
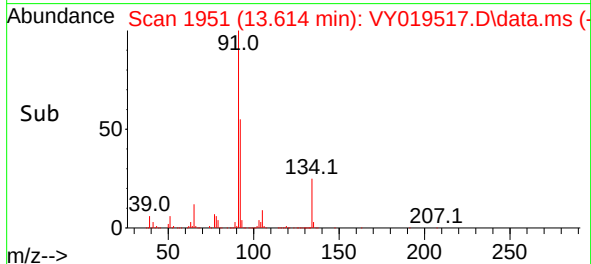
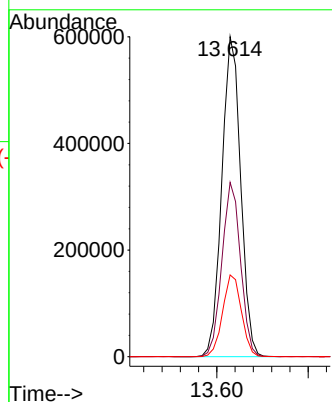
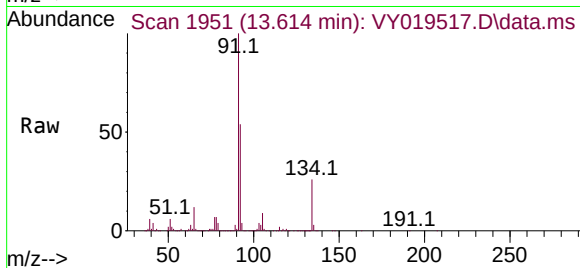
Tgt Ion: 91 Resp: 860031

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.7

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 46.564 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019517.D

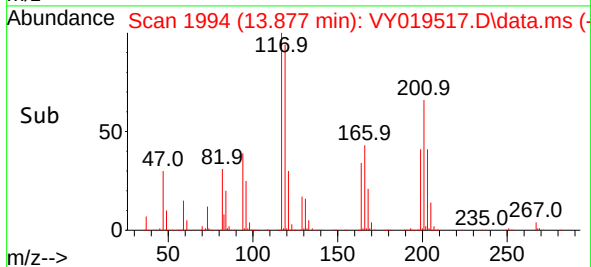
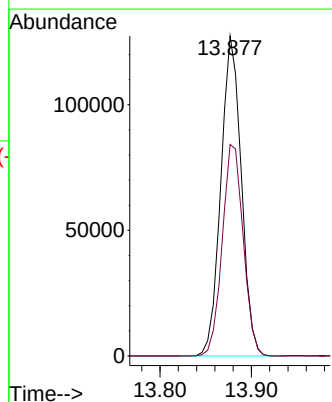
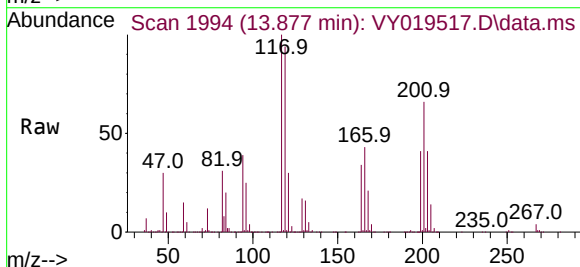
Acq: 11 Sep 2024 18:26

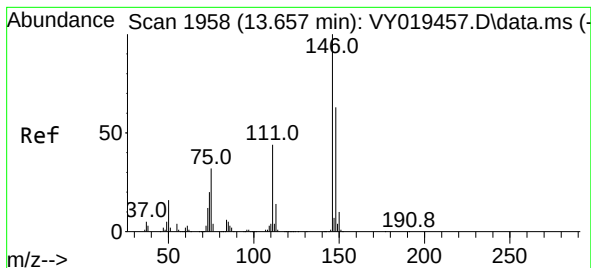
Tgt Ion: 117 Resp: 197665

Ion Ratio Lower Upper

117 100

201 68.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 47.499 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

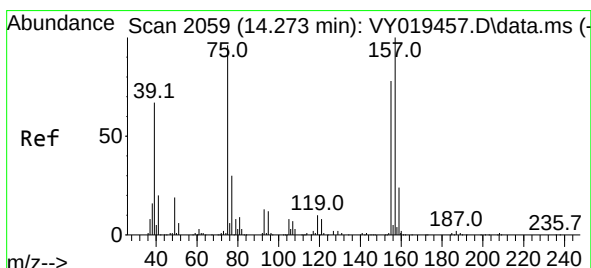
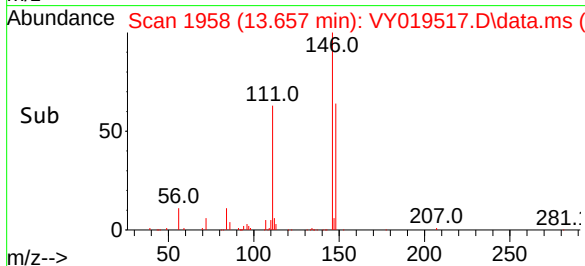
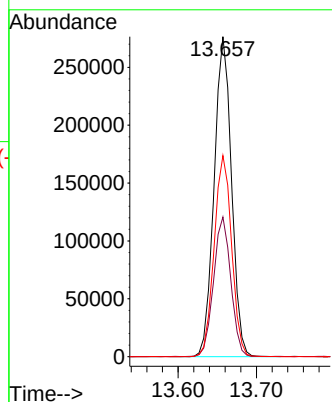
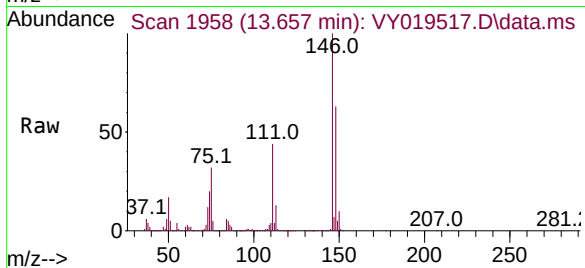
Tgt Ion:146 Resp: 426041

Ion Ratio Lower Upper

146 100

111 43.2 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.478 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

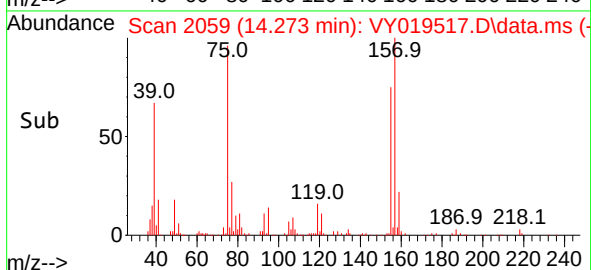
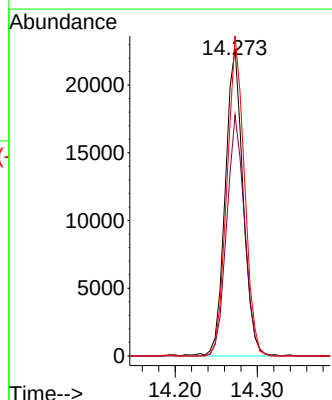
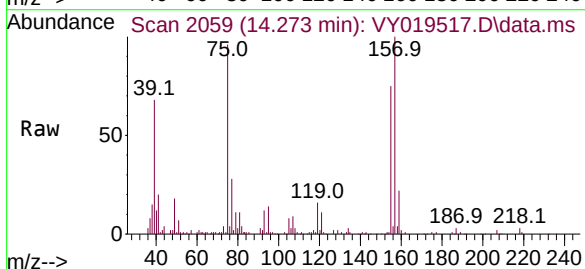
Tgt Ion: 75 Resp: 34137

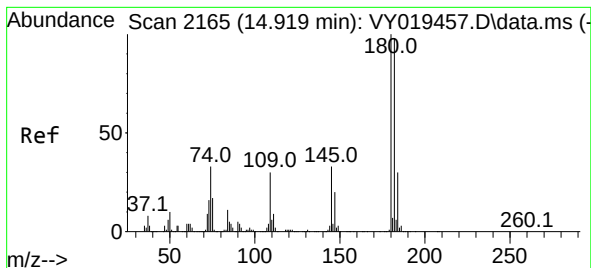
Ion Ratio Lower Upper

75 100

155 78.6 48.6 145.8

157 102.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 42.411 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

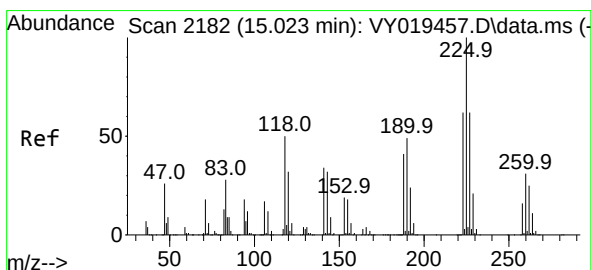
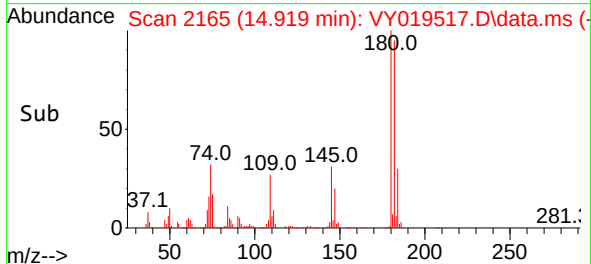
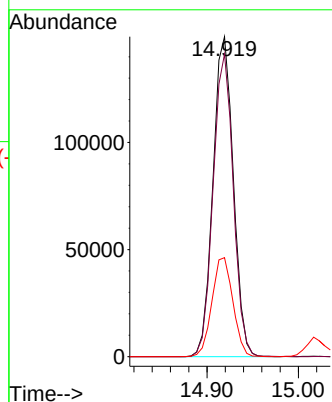
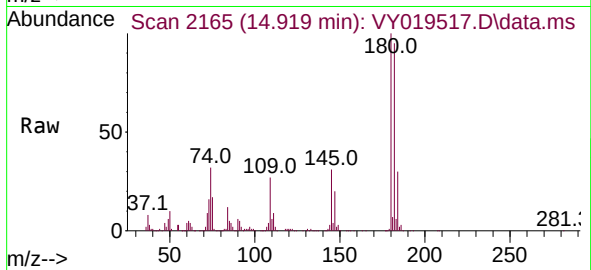
Tgt Ion:180 Resp: 231363

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.8

145 32.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 40.613 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

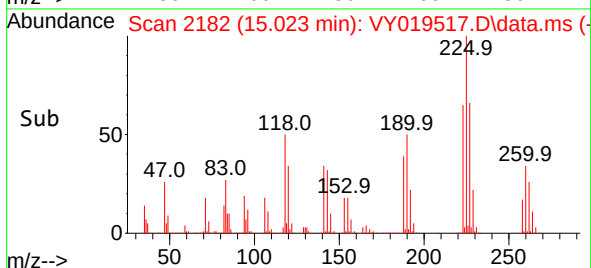
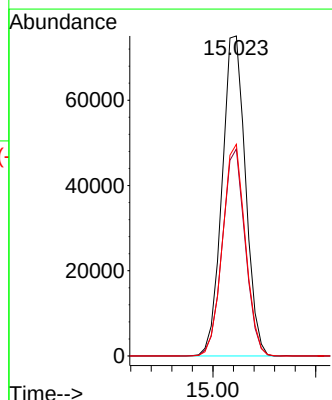
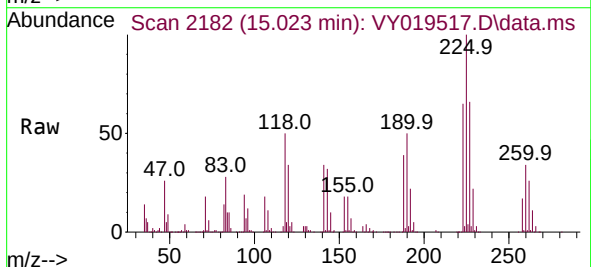
Tgt Ion:225 Resp: 118360

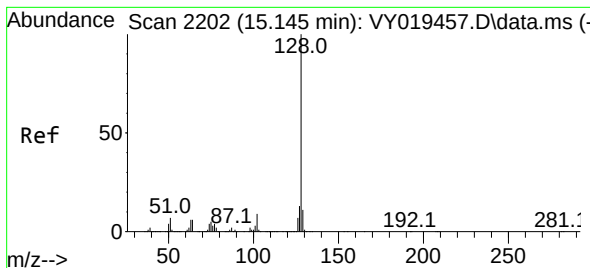
Ion Ratio Lower Upper

225 100

223 63.2 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 46.918 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

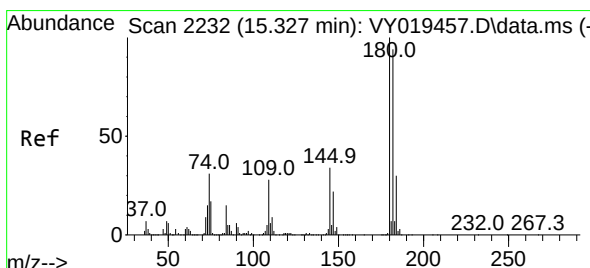
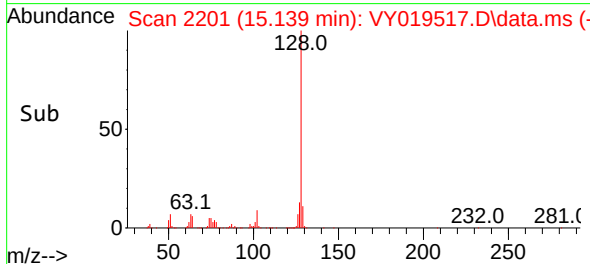
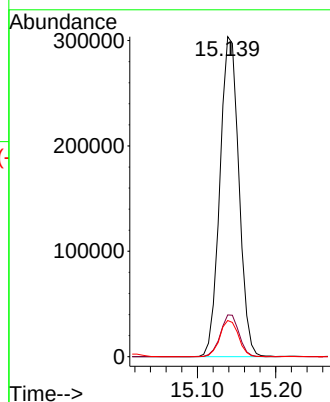
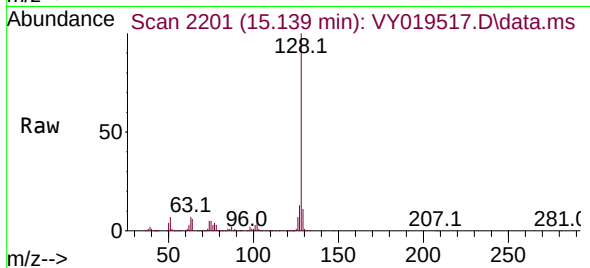
Tgt Ion:128 Resp: 512568

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 43.645 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019517.D

Acq: 11 Sep 2024 18:26

Tgt Ion:180 Resp: 203659

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 33.6 15.4 46.1

