

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019577.D
 Acq On : 17 Sep 2024 11:53
 Operator : SY/MD
 Sample : VY0917SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 01:31:06 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	387905	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	672150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	571439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	266293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	198349	55.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.440%	
35) Dibromofluoromethane	7.634	113	198768	52.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.320%	
50) Toluene-d8	10.109	98	732629	51.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.408	95	261977	48.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	54859	23.723	ug/l	98
3) Chloromethane	2.074	50	67937	21.168	ug/l	99
4) Vinyl Chloride	2.208	62	79527	22.916	ug/l	96
5) Bromomethane	2.598	94	54725	25.672	ug/l	92
6) Chloroethane	2.739	64	52681	23.221	ug/l	98
7) Trichlorofluoromethane	3.062	101	127283	22.003	ug/l	95
8) Diethyl Ether	3.458	74	39365	20.272	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.818	101	77111	21.548	ug/l	97
10) Methyl Iodide	4.007	142	81402	17.742	ug/l	92
11) Tert butyl alcohol	4.866	59	45231	155.928	ug/l #	95
12) 1,1-Dichloroethene	3.793	96	68455	19.891	ug/l	86
13) Acrolein	3.659	56	19246	130.999	ug/l	94
14) Allyl chloride	4.378	41	119359	19.339	ug/l #	92
15) Acrylonitrile	5.061	53	85694	102.348	ug/l	98
16) Acetone	3.872	43	101966	119.158	ug/l #	85
17) Carbon Disulfide	4.104	76	167513	18.015	ug/l	97
18) Methyl Acetate	4.391	43	39181	16.872	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	202565	20.782	ug/l	97
20) Methylene Chloride	4.616	84	81771	20.953	ug/l #	84
21) trans-1,2-Dichloroethene	5.110	96	76412	20.256	ug/l	93
22) Diisopropyl ether	6.012	45	261779	20.655	ug/l	89
23) Vinyl Acetate	5.957	43	755358	104.343	ug/l	94
24) 1,1-Dichloroethane	5.915	63	149155	20.973	ug/l	96
25) 2-Butanone	6.890	43	137881	113.291	ug/l #	84
26) 2,2-Dichloropropane	6.884	77	148291	23.116	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	94847	20.699	ug/l	85
28) Bromochloromethane	7.250	49	56836	18.994	ug/l	87
29) Tetrahydrofuran	7.262	42	73721	99.625	ug/l	87
30) Chloroform	7.415	83	157687	21.720	ug/l	98
31) Cyclohexane	7.701	56	126156	19.625	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	140708	21.623	ug/l	97
36) 1,1-Dichloropropene	7.835	75	105266	20.300	ug/l	97
37) Ethyl Acetate	6.982	43	53724	20.220	ug/l	98
38) Carbon Tetrachloride	7.817	117	122121	20.883	ug/l	96
39) Methylcyclohexane	9.109	83	136447	19.772	ug/l	91
40) Benzene	8.079	78	324809	20.336	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	27094	17.493	ug/l	93
42) 1,2-Dichloroethane	8.158	62	92066	21.421	ug/l	96
43) Isopropyl Acetate	8.195	43	110605	19.814	ug/l	90
44) Trichloroethene	8.865	130	82119	19.992	ug/l	98
45) 1,2-Dichloropropane	9.140	63	78443	20.089	ug/l	100
46) Dibromomethane	9.231	93	43443	20.345	ug/l	95
47) Bromodichloromethane	9.426	83	120755	21.038	ug/l	98
48) Methyl methacrylate	9.225	41	50616	19.201	ug/l #	85
49) 1,4-Dioxane	9.231	88	10944	435.367	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	281440	100.217	ug/l	91
52) Toluene	10.170	92	210472	20.489	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	107747	19.692	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	126582	19.868	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	61081	20.714	ug/l	98
56) Ethyl methacrylate	10.444	69	86446	19.299	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	103466	20.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	196147	94.346	ug/l	98
59) 2-Hexanone	10.761	43	207317	100.695	ug/l	89
60) Dibromochloromethane	10.914	129	80051	20.522	ug/l	99
61) 1,2-Dibromoethane	11.018	107	55023	20.026	ug/l	100
64) Tetrachloroethene	10.652	164	70860	20.025	ug/l	95
65) Chlorobenzene	11.444	112	231221	20.570	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	79563	20.443	ug/l	98
67) Ethyl Benzene	11.517	91	415275	20.792	ug/l	99
68) m/p-Xylenes	11.627	106	311204	41.208	ug/l	94
69) o-Xylene	11.956	106	149563	20.250	ug/l	95
70) Styrene	11.969	104	248637	19.939	ug/l	96
71) Bromoform	12.133	173	42581	19.156	ug/l #	98
73) Isopropylbenzene	12.255	105	401832	20.800	ug/l	100
74) N-amyl acetate	12.072	43	99097	18.861	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	70636	20.600	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	89352	35.799	ug/l #	100
77) Bromobenzene	12.536	156	86752	20.247	ug/l	91
78) n-propylbenzene	12.597	91	484376	21.154	ug/l	99
79) 2-Chlorotoluene	12.682	91	275809	20.669	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	327451	20.850	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24207	18.618	ug/l	90
82) 4-Chlorotoluene	12.779	91	280148	20.421	ug/l	97
83) tert-Butylbenzene	12.999	119	302001	21.241	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	323581	20.814	ug/l	98
85) sec-Butylbenzene	13.176	105	442231	21.411	ug/l	99
86) p-Isopropyltoluene	13.292	119	362675	21.461	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	171065	20.547	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	170370	20.620	ug/l	97
89) n-Butylbenzene	13.621	91	347147	21.488	ug/l	98
90) Hexachloroethane	13.883	117	74054	21.061	ug/l	88
91) 1,2-Dichlorobenzene	13.657	146	153164	20.616	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10929	19.124	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	83636	18.509	ug/l	97
94) Hexachlorobutadiene	15.023	225	48135	19.940	ug/l	98
95) Naphthalene	15.145	128	157403	17.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	70161	18.153	ug/l	97

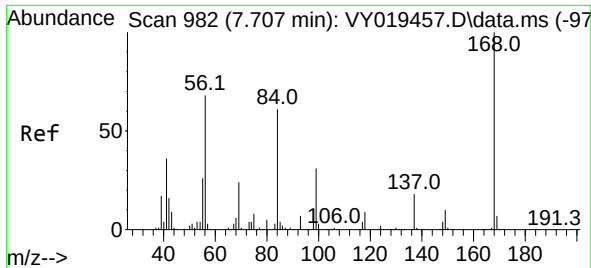
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Response via : Initial Calibration

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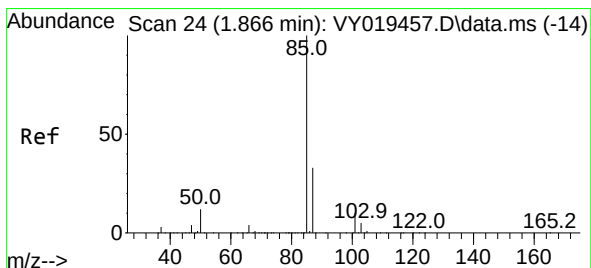
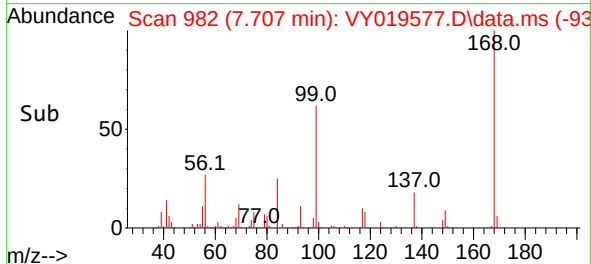
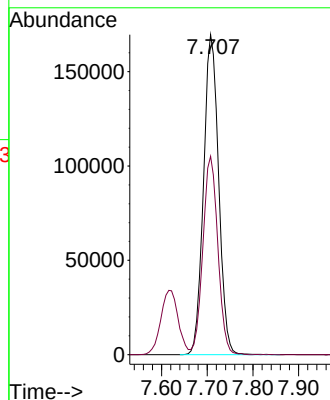
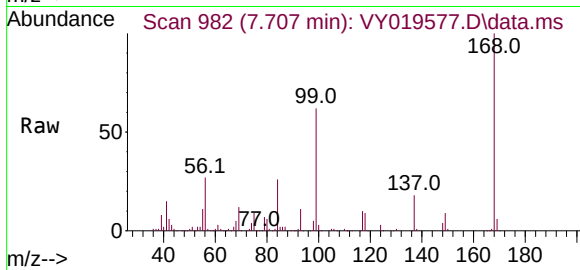
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019577.D
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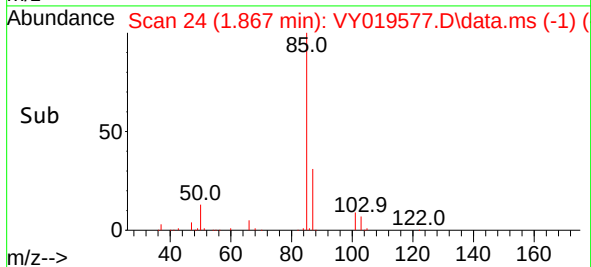
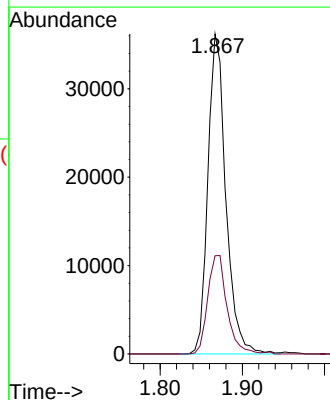
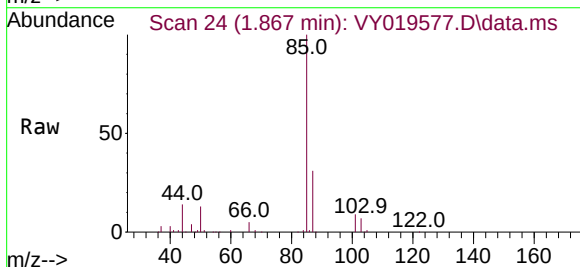
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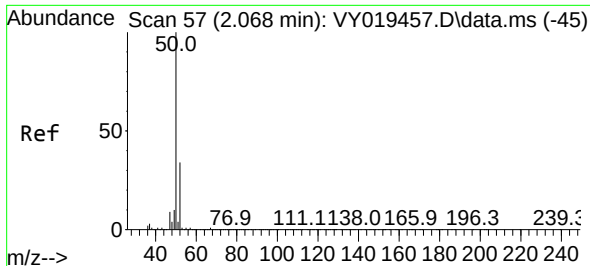
Tgt Ion:168 Resp: 387905
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 23.723 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 85 Resp: 54859
Ion Ratio Lower Upper
85 100
87 30.7 16.0 48.0

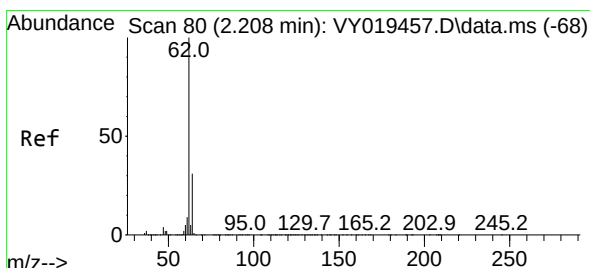
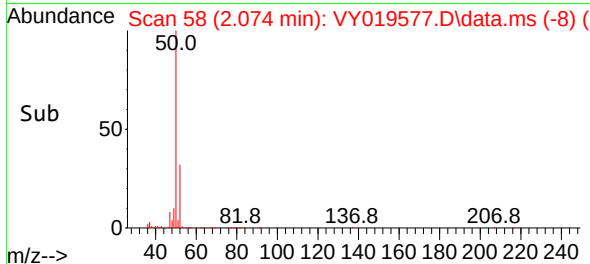
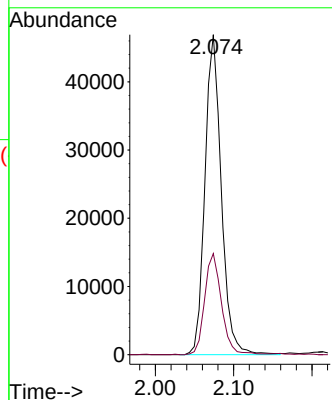
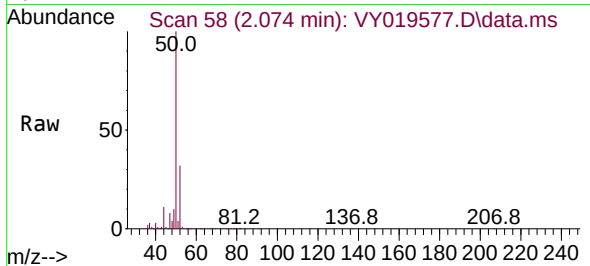




#3
Chloromethane
Concen: 21.168 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

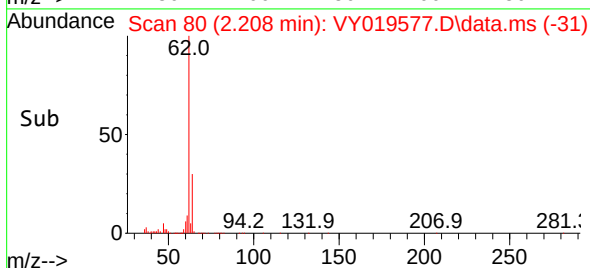
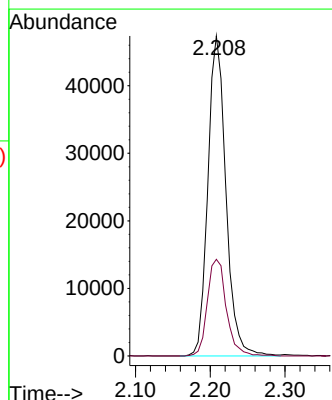
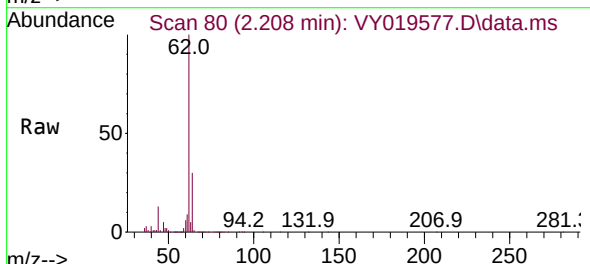
Instrument :
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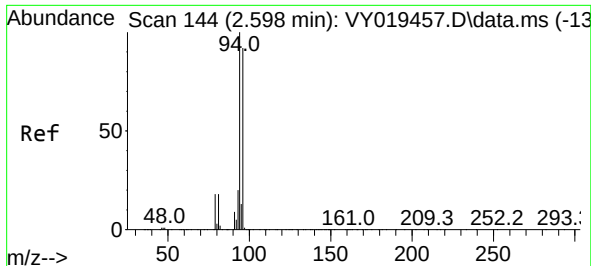
Tgt Ion: 50 Resp: 67937
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4



#4
Vinyl Chloride
Concen: 22.916 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 62 Resp: 79527
Ion Ratio Lower Upper
62 100
64 30.2 26.1 39.1

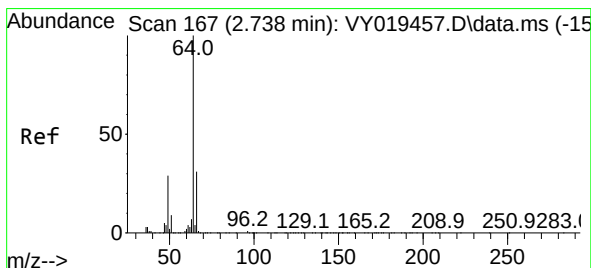
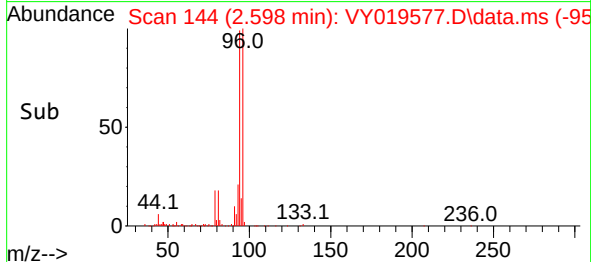
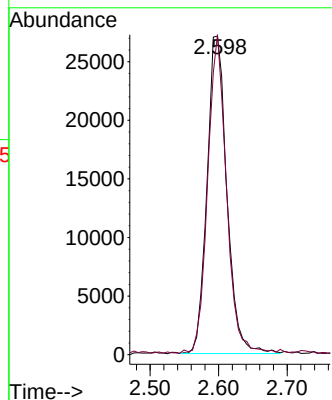
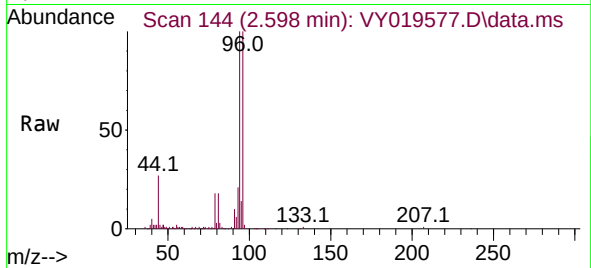




#5
Bromomethane
Concen: 25.672 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

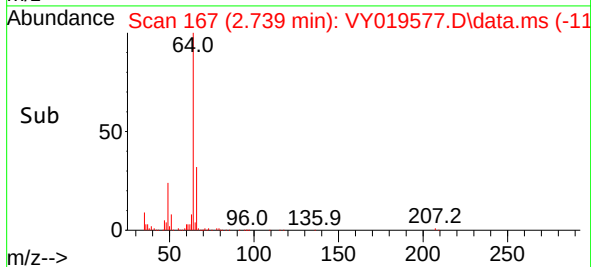
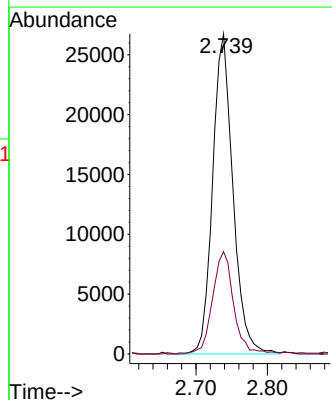
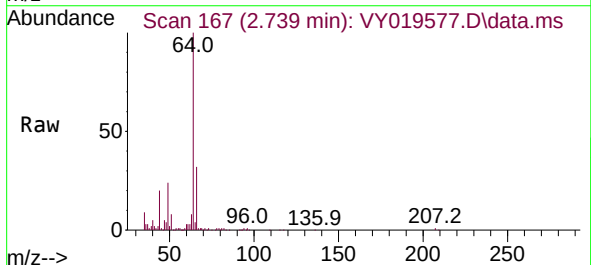
Instrument :
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ClientSampleId :

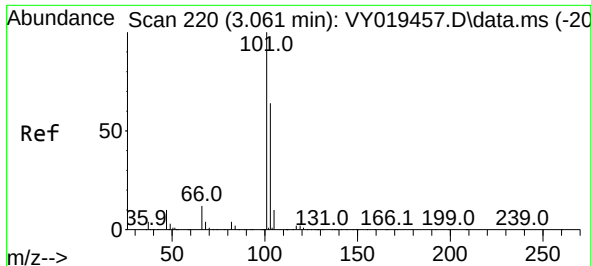
Tgt Ion: 94 Resp: 54725
Ion Ratio Lower Upper
94 100
96 100.3 74.1 111.1



#6
Chloroethane
Concen: 23.221 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

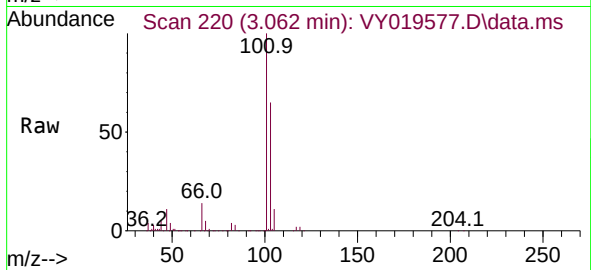
Tgt Ion: 64 Resp: 52681
Ion Ratio Lower Upper
64 100
66 31.7 26.1 39.1



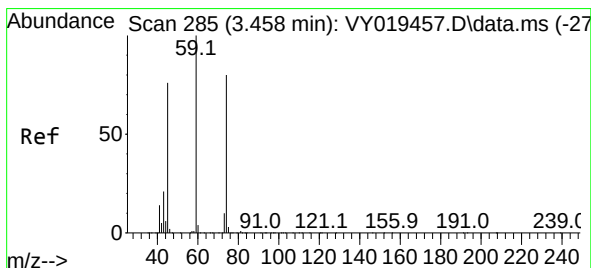
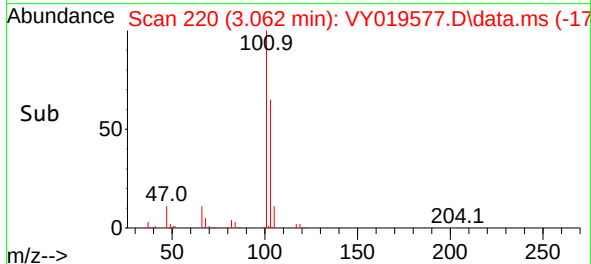
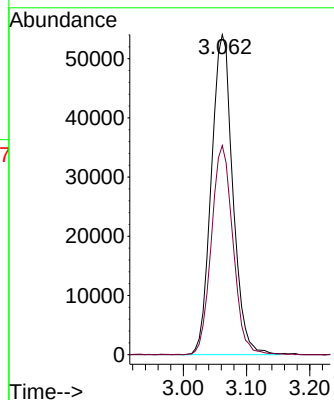


#7
 Trichlorofluoromethane
 Concen: 22.003 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019577.D
 Acq: 17 Sep 2024 11:53

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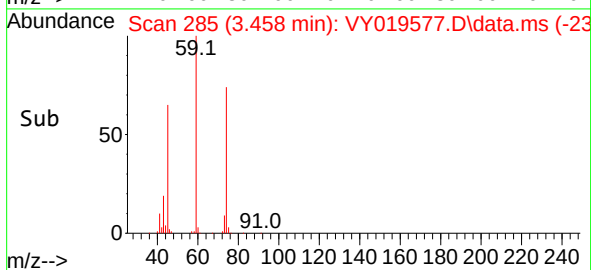
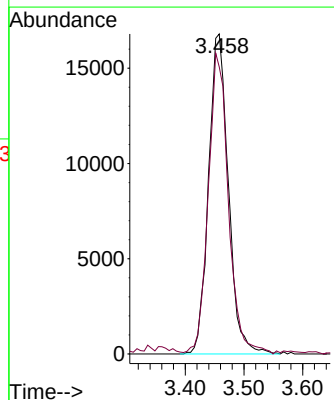
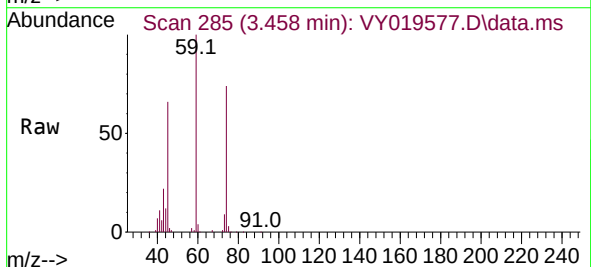


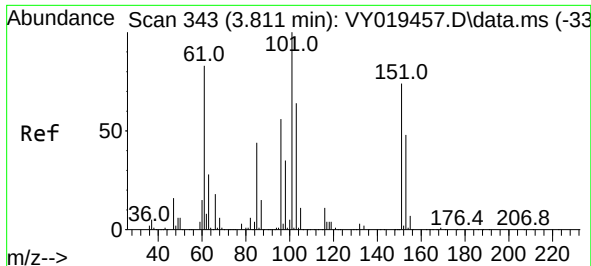
Tgt Ion:101 Resp: 127283
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.272 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019577.D
 Acq: 17 Sep 2024 11:53

Tgt Ion: 74 Resp: 39365
 Ion Ratio Lower Upper
 74 100
 45 95.6 41.3 124.1

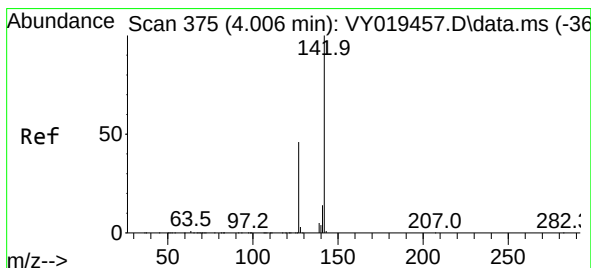
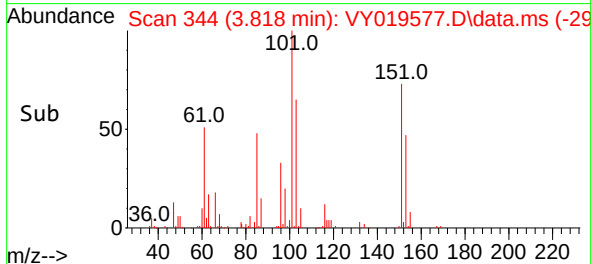
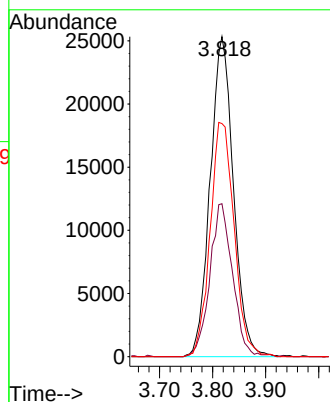
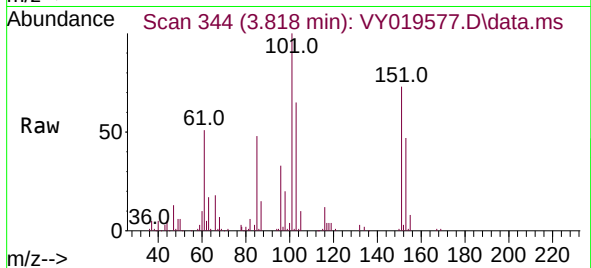




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.548 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019577.D
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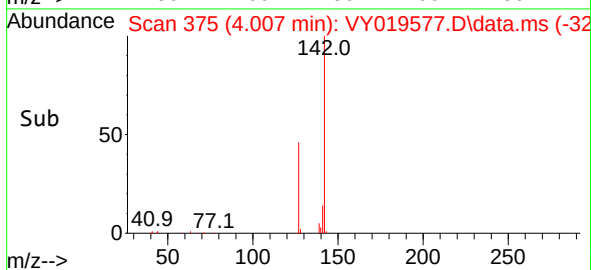
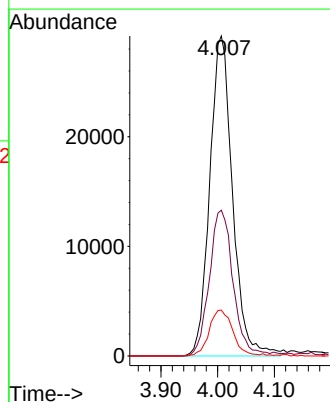
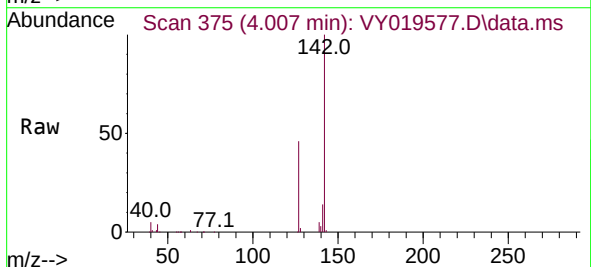
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MSVOA_Y
ClientSampleId :

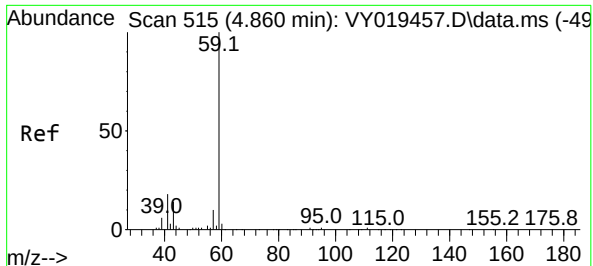
Tgt Ion:101 Resp: 77111
Ion Ratio Lower Upper
101 100
85 46.6 34.5 51.7
151 75.5 61.7 92.5



#10
Methyl Iodide
Concen: 17.742 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion:142 Resp: 81402
Ion Ratio Lower Upper
142 100
127 47.4 32.8 49.2
141 14.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 155.928 ug/l

RT: 4.866 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

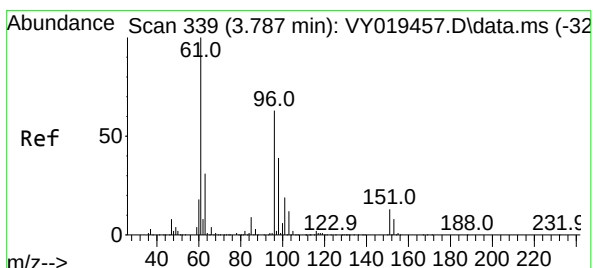
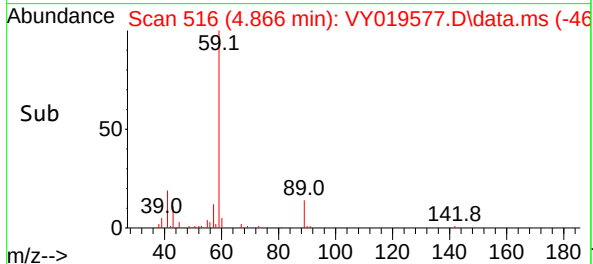
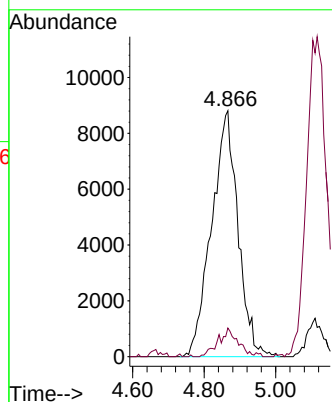
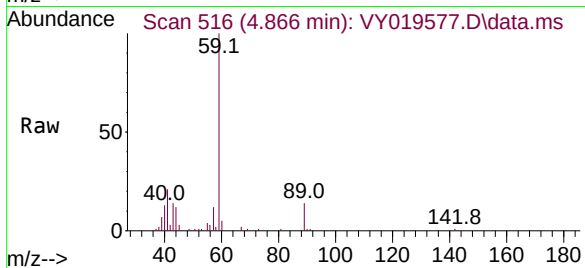
ClientSampleId :

Tgt Ion: 59 Resp: 45231

Ion Ratio Lower Upper

59 100

57 5.4 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.891 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

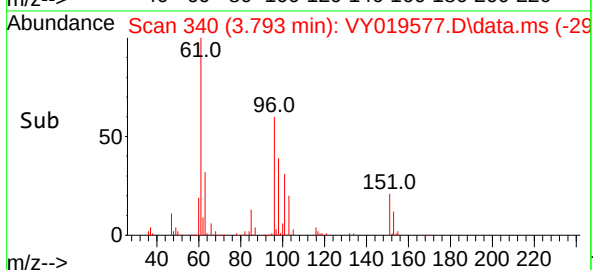
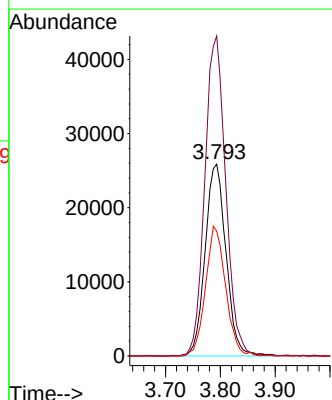
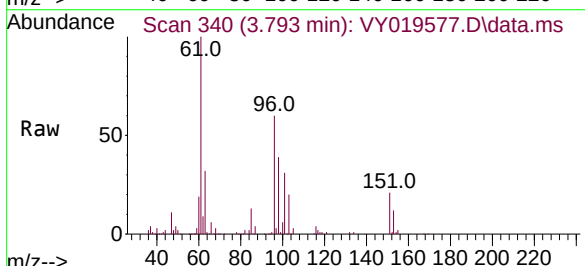
Tgt Ion: 96 Resp: 68455

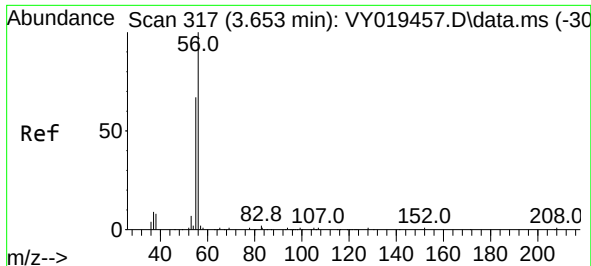
Ion Ratio Lower Upper

96 100

61 166.6 114.6 171.8

98 65.1 50.8 76.2





#13

Acrolein

Concen: 130.999 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

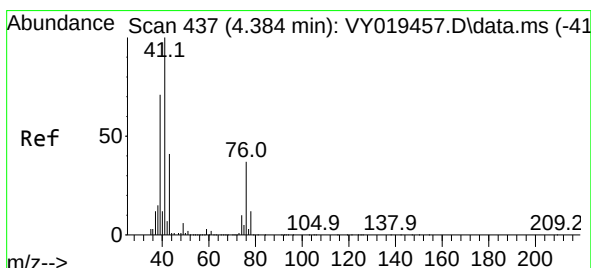
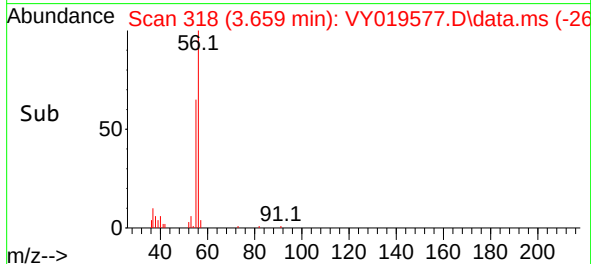
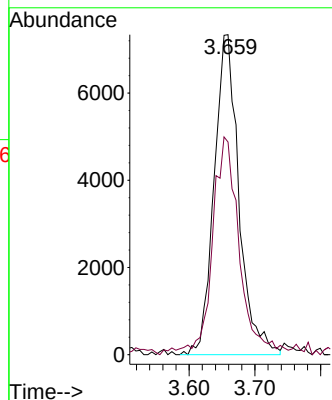
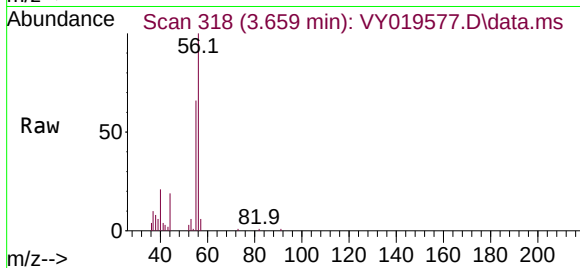
ClientSampleId :

Tgt Ion: 56 Resp: 19246

Ion Ratio Lower Upper

56 100

55 74.3 55.7 83.5



#14

Allyl chloride

Concen: 19.339 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

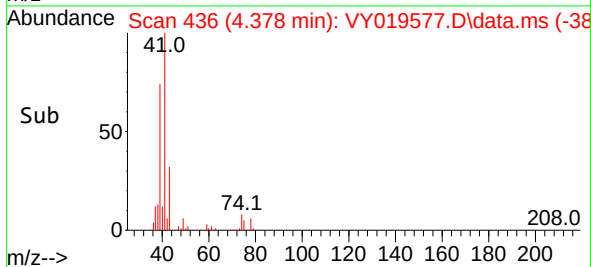
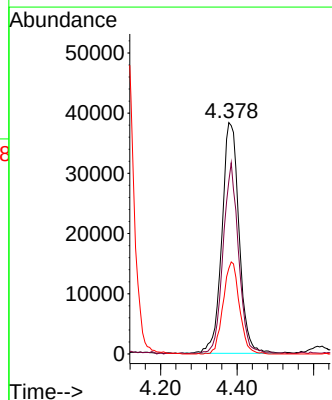
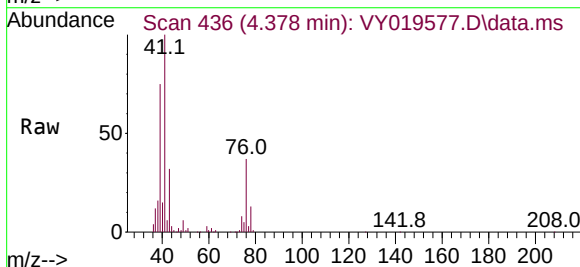
Tgt Ion: 41 Resp: 119359

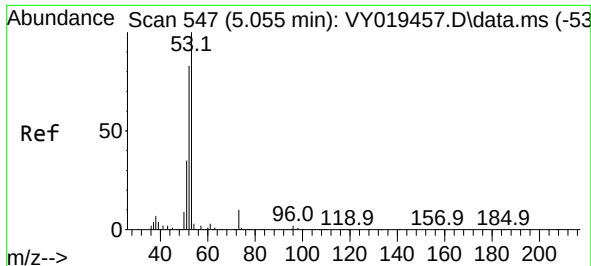
Ion Ratio Lower Upper

41 100

39 74.5 58.3 87.5

76 37.8 39.0 58.6#

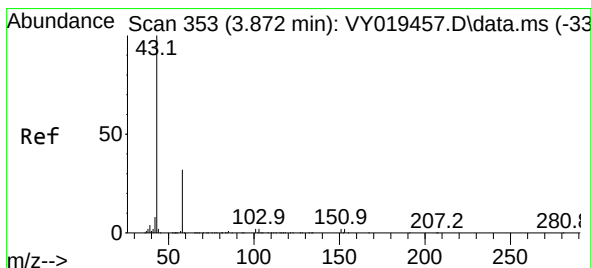
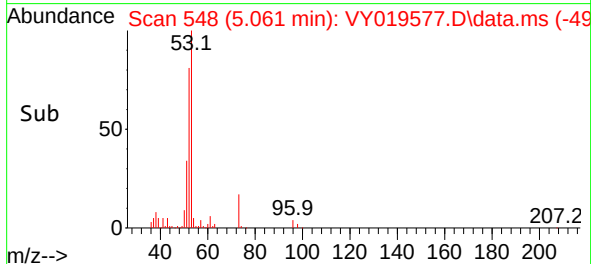
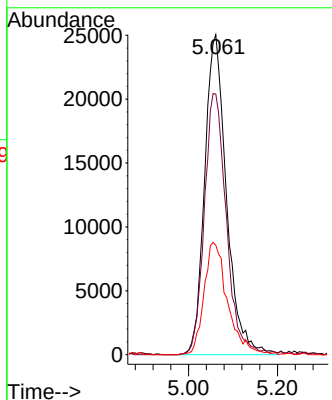
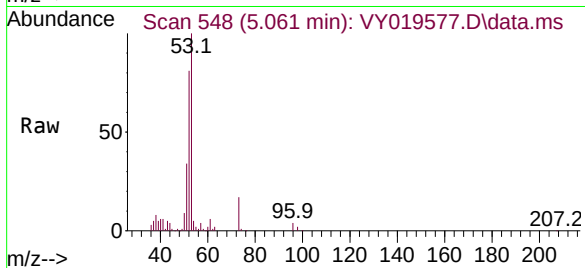




#15
Acrylonitrile
Concen: 102.348 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

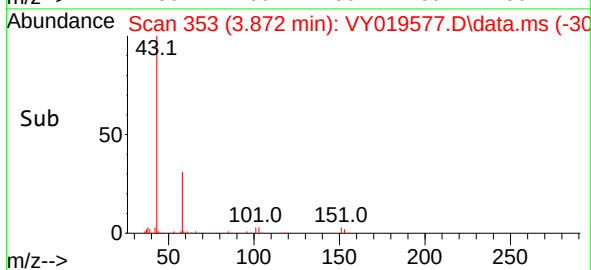
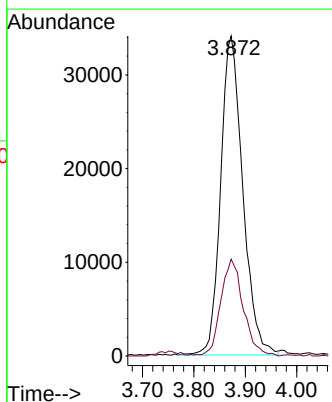
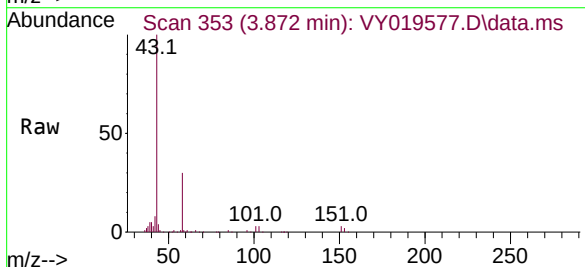
Instrument :
MSVOA_Y
ClientSampleId :

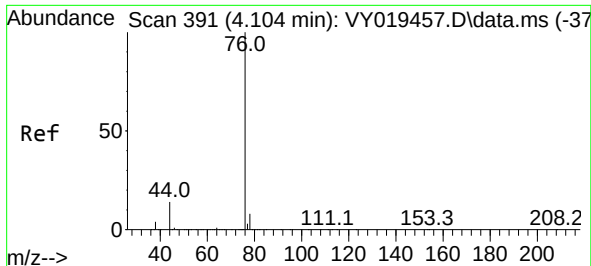
Tgt Ion: 53 Resp: 85694
Ion Ratio Lower Upper
53 100
52 82.2 64.7 97.1
51 37.9 28.4 42.6



#16
Acetone
Concen: 119.158 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 43 Resp: 101966
Ion Ratio Lower Upper
43 100
58 30.3 31.7 47.5#

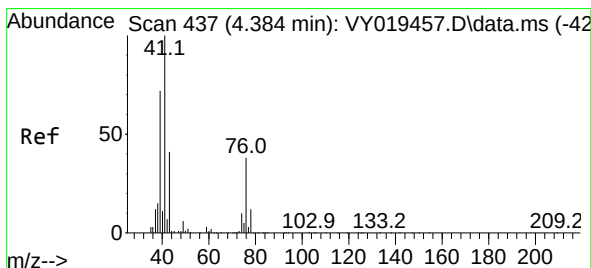
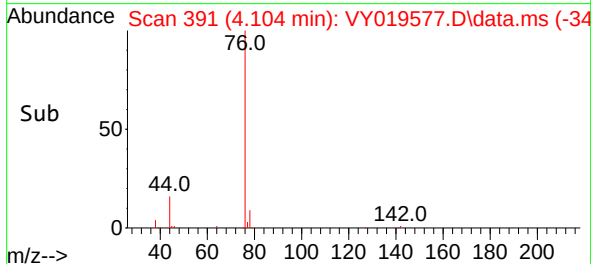
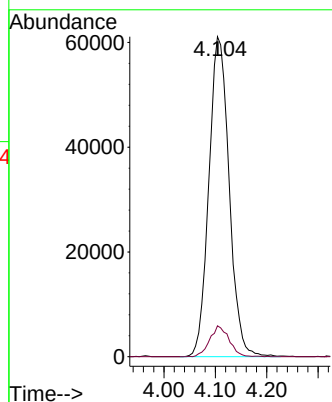
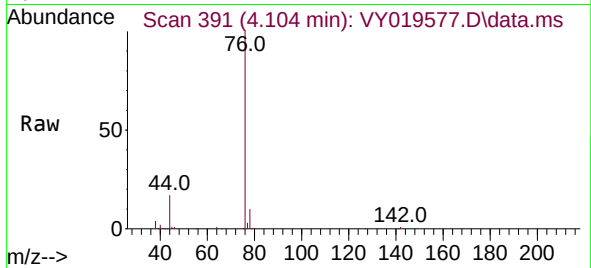




#17
Carbon Disulfide
Concen: 18.015 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

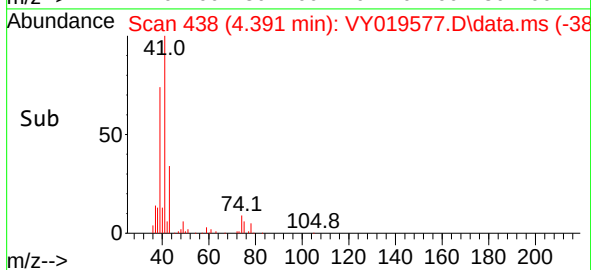
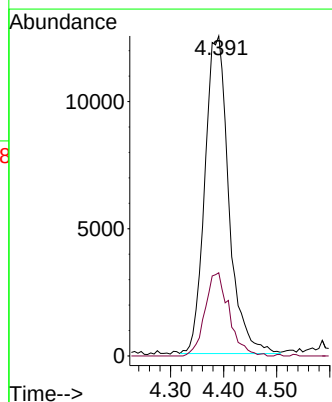
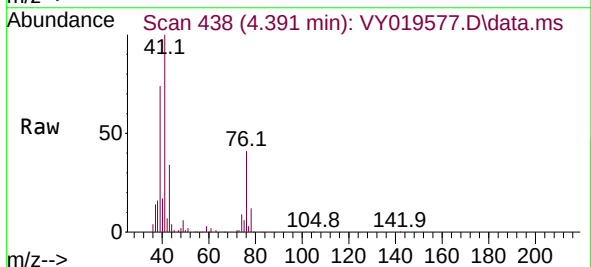
Instrument :
MSVOA_Y
ClientSampleId :

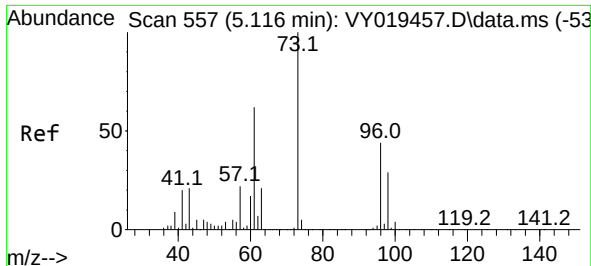
Tgt Ion: 76 Resp: 167513
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 16.872 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 43 Resp: 39181
Ion Ratio Lower Upper
43 100
74 26.4 23.3 34.9

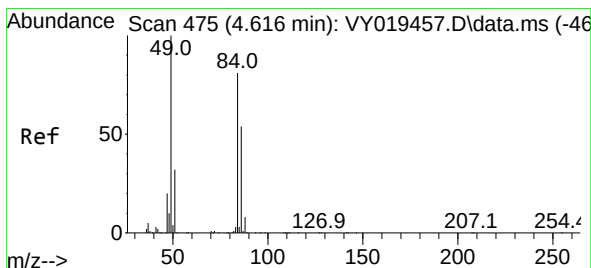
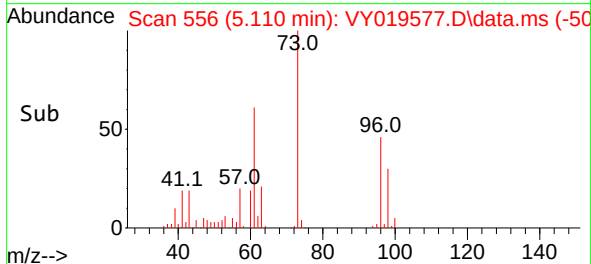
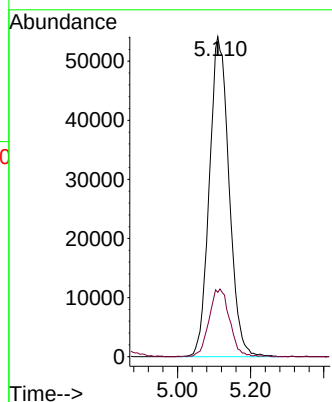
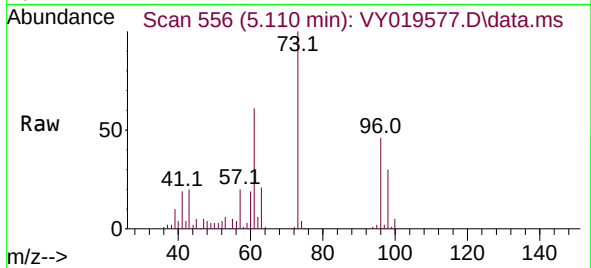




#19
Methyl tert-butyl Ether
Concen: 20.782 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

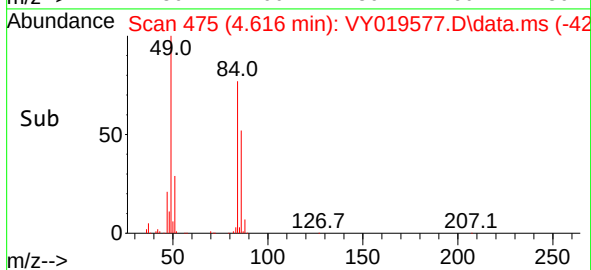
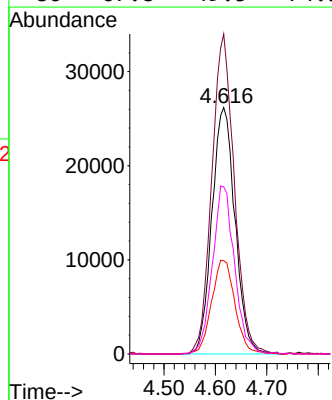
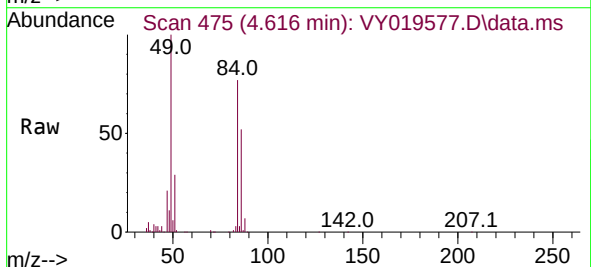
Instrument :
MSVOA_Y
ClientSampleId :

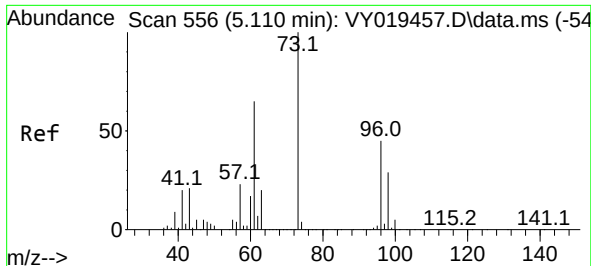
Tgt Ion: 73 Resp: 202565
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9



#20
Methylene Chloride
Concen: 20.953 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 84 Resp: 81771
Ion Ratio Lower Upper
84 100
49 129.9 84.4 126.6#
51 37.9 26.0 39.0
86 67.8 49.5 74.3

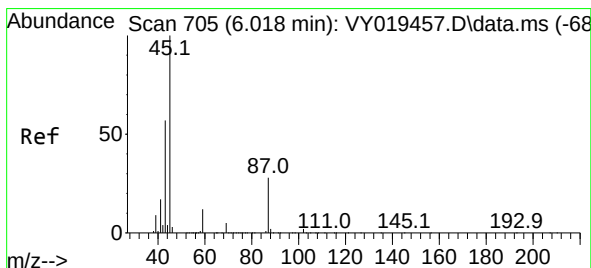
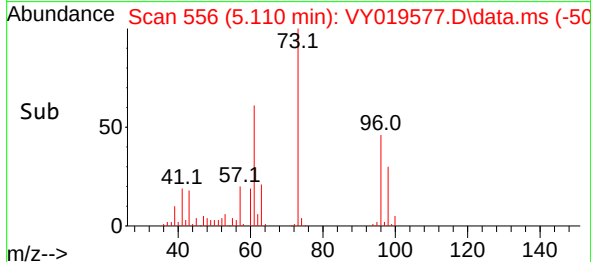
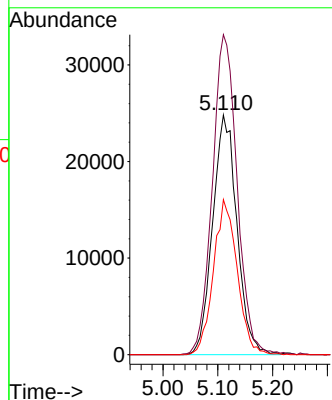
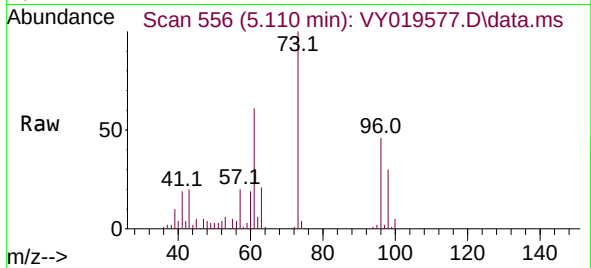




#21
trans-1,2-Dichloroethene
Concen: 20.256 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

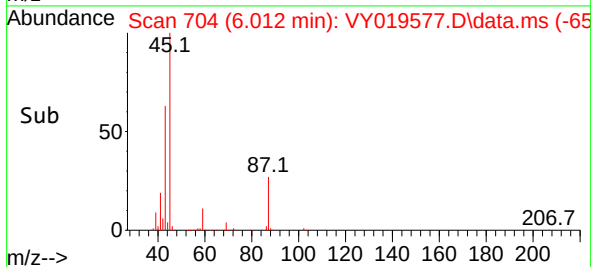
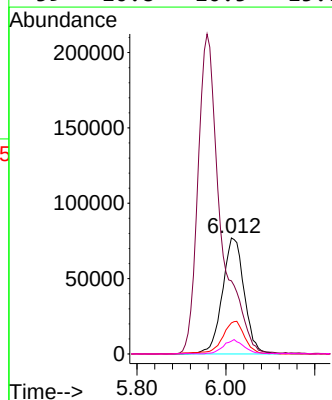
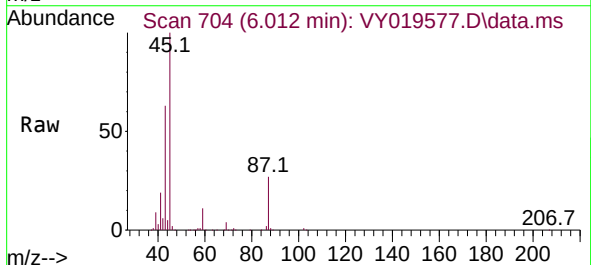
Instrument :
MSVOA_Y
ClientSampleId :

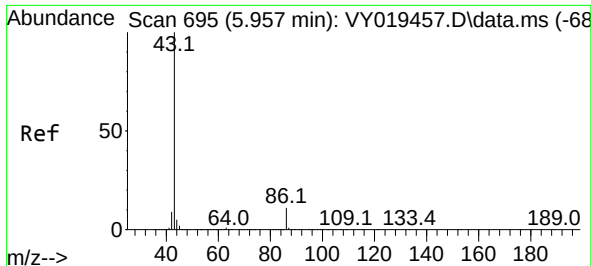
Tgt Ion: 96 Resp: 76412
Ion Ratio Lower Upper
96 100
61 133.5 97.5 146.3
98 64.7 50.5 75.7



#22
Diisopropyl ether
Concen: 20.655 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 45 Resp: 261779
Ion Ratio Lower Upper
45 100
43 62.2 42.2 63.2
87 26.6 25.0 37.6
59 10.8 10.5 15.7

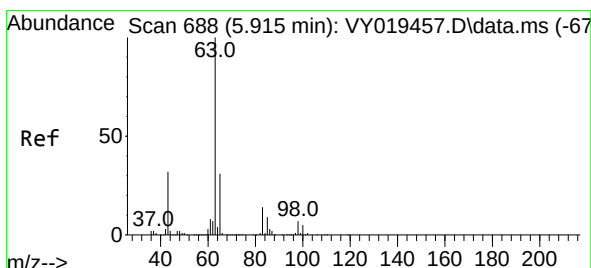
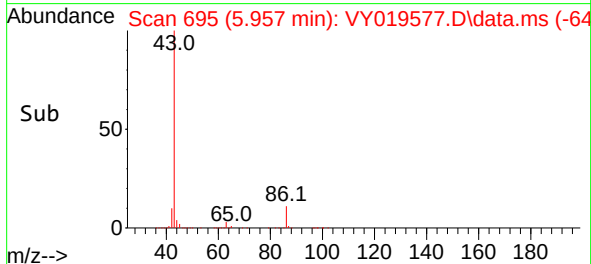
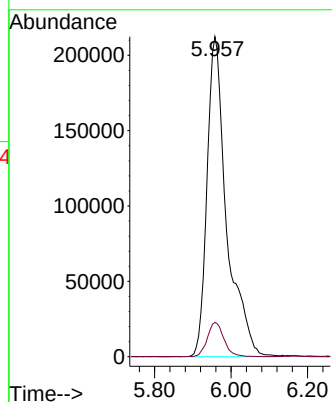
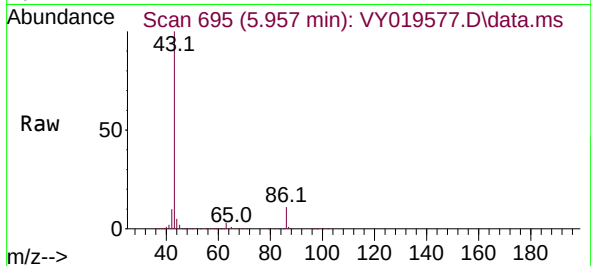




#23
 Vinyl Acetate
 Concen: 104.343 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019577.D
 Acq: 17 Sep 2024 11:53

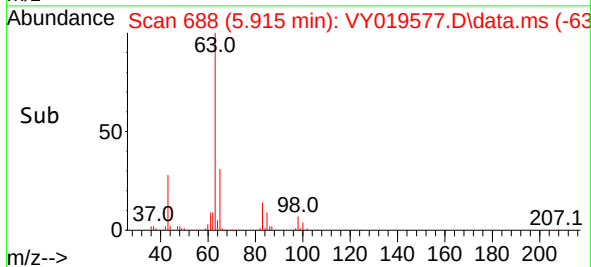
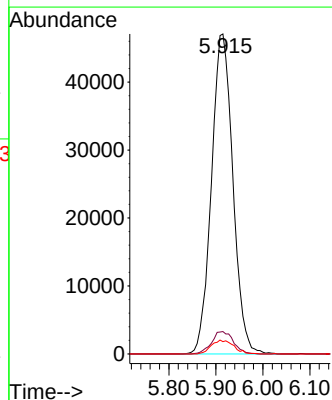
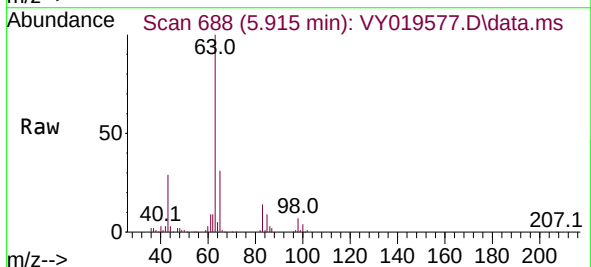
Instrument :
 MSVOA_Y
 ClientSampleId :

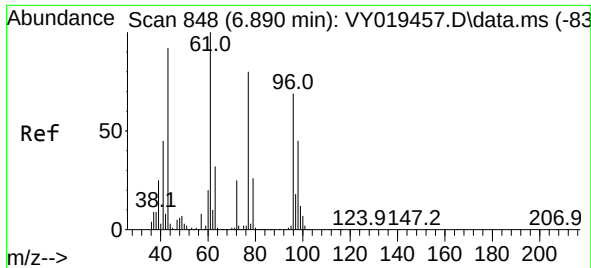
Tgt Ion: 43 Resp: 755358
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.973 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019577.D
 Acq: 17 Sep 2024 11:53

Tgt Ion: 63 Resp: 149155
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 3.9 2.6 8.0

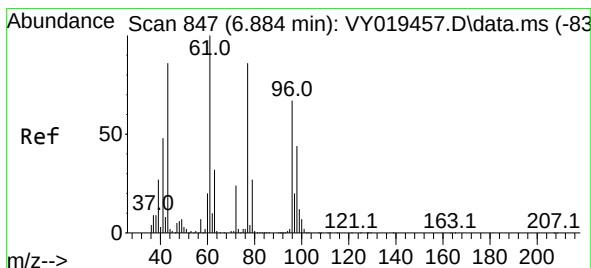
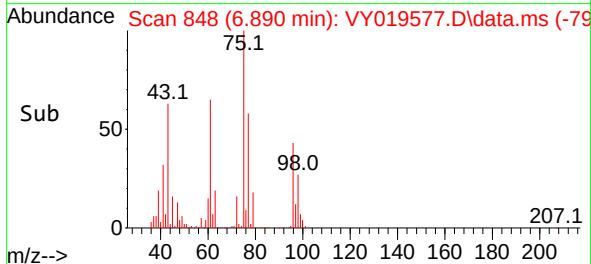
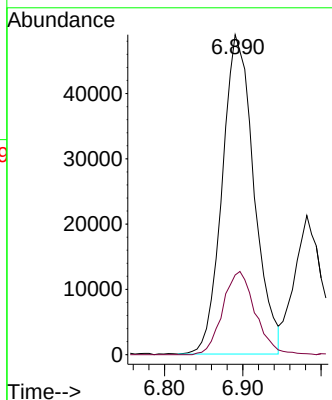
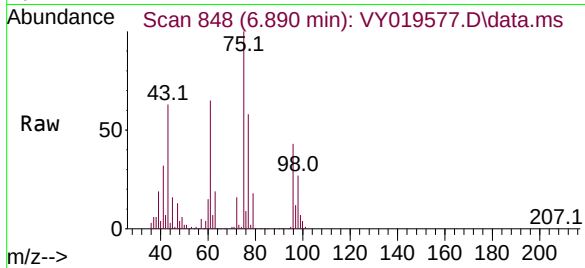




#25
2-Butanone
Concen: 113.291 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

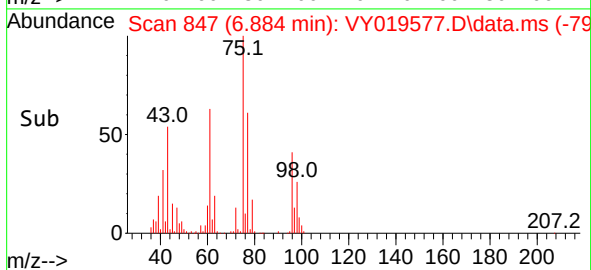
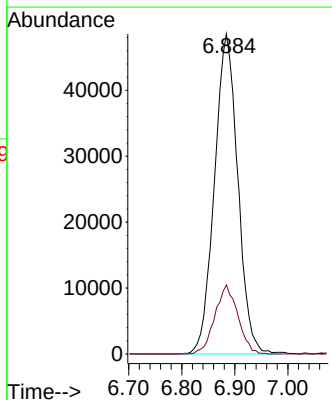
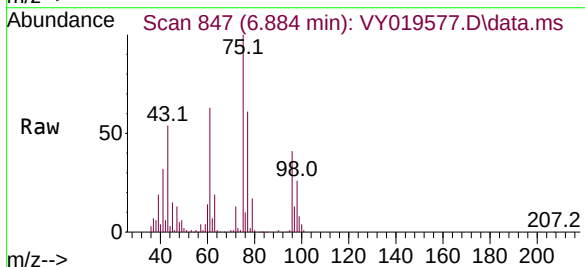
Instrument :
MSVOA_Y
ClientSampleId :

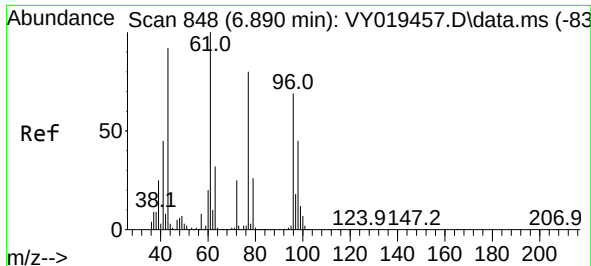
Tgt Ion: 43 Resp: 137881
Ion Ratio Lower Upper
43 100
72 24.9 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 23.116 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

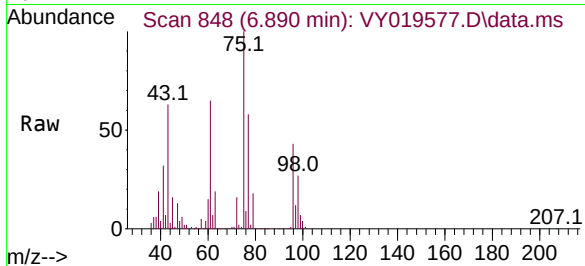
Tgt Ion: 77 Resp: 148291
Ion Ratio Lower Upper
77 100
97 21.2 12.0 36.1



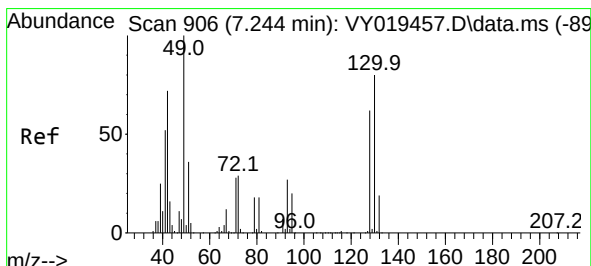
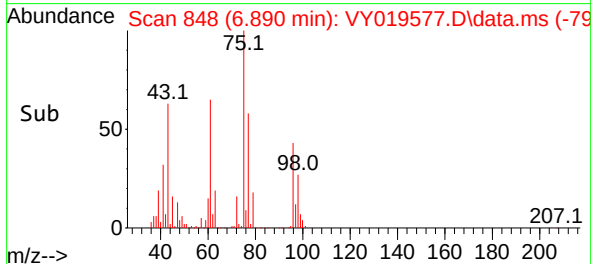
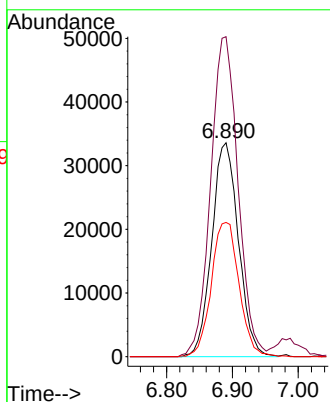


#27
 cis-1,2-Dichloroethene
 Concen: 20.699 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019577.D
 Acq: 17 Sep 2024 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :

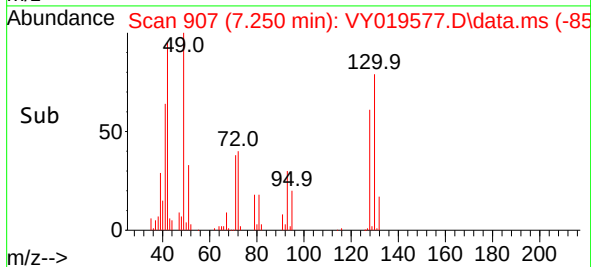
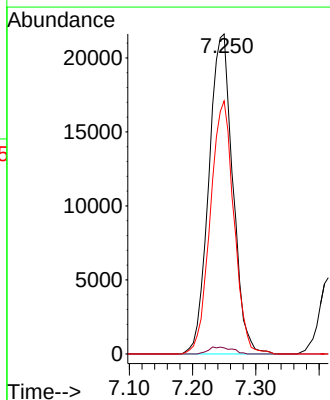
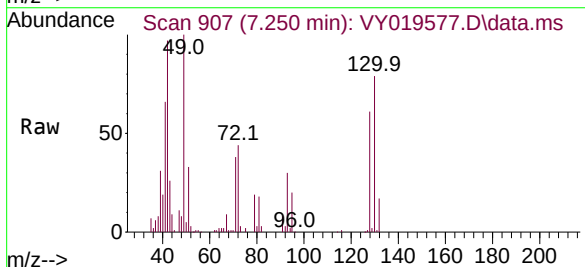


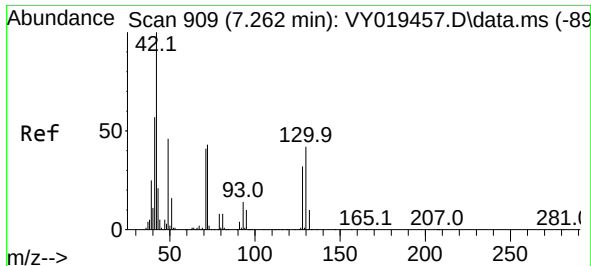
Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	256.2
98	65.3	0.0	130.0



#28
 Bromochloromethane
 Concen: 18.994 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019577.D
 Acq: 17 Sep 2024 11:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	77.9	72.7	109.1

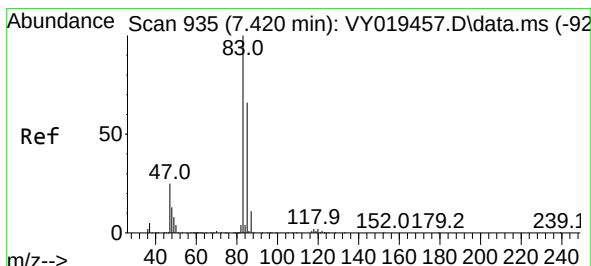
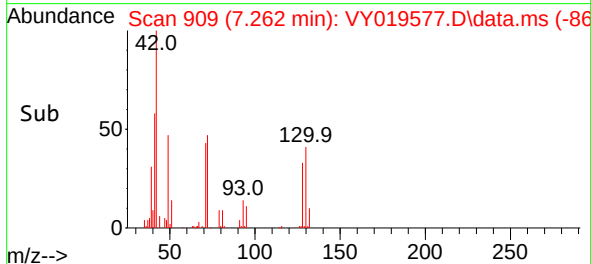
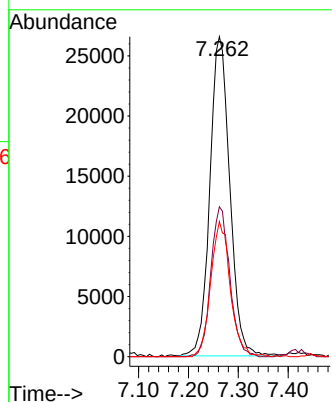
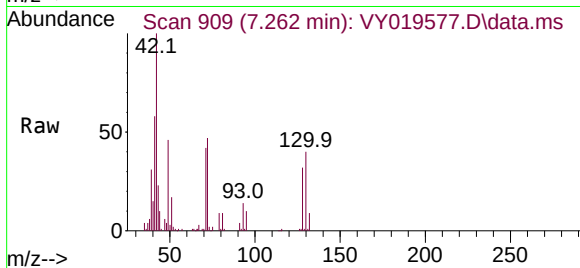




#29
Tetrahydrofuran
Concen: 99.625 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

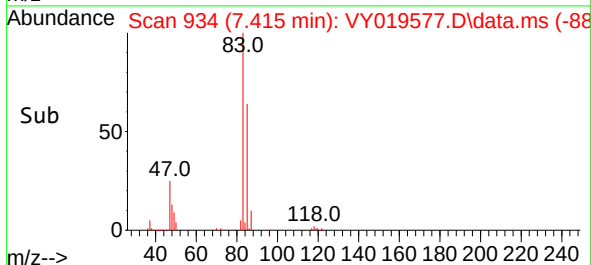
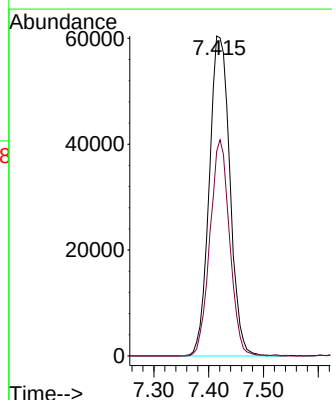
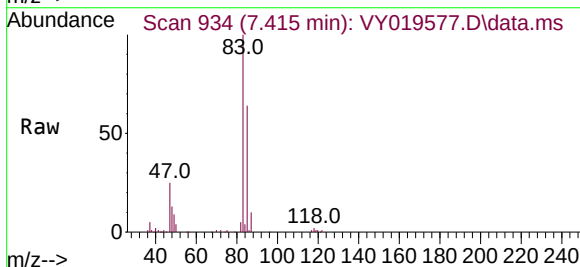
Instrument :
MSVOA_Y
ClientSampleId :

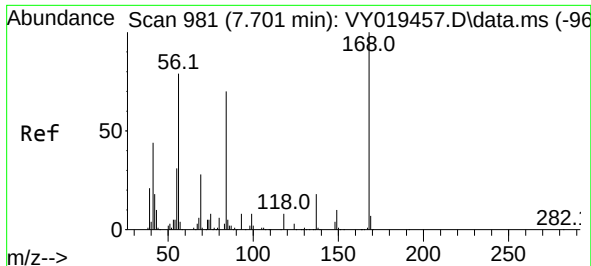
Tgt Ion: 42 Resp: 73721
Ion Ratio Lower Upper
42 100
72 44.6 43.0 64.4
71 41.4 40.8 61.2



#30
Chloroform
Concen: 21.720 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

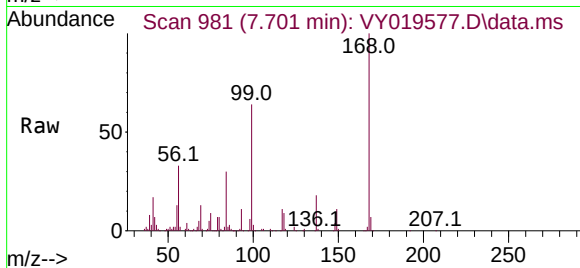
Tgt Ion: 83 Resp: 157687
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.4



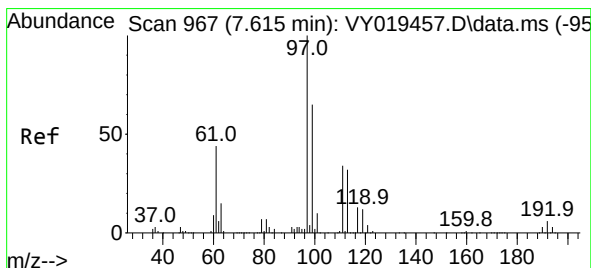
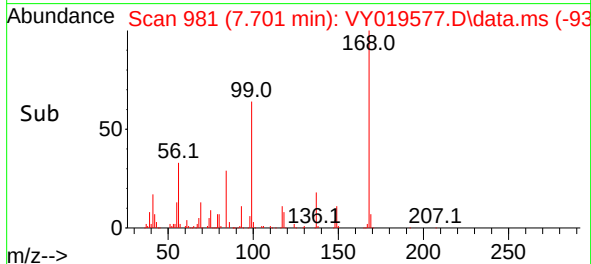
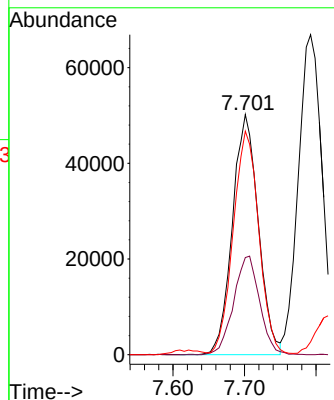


#31
Cyclohexane
Concen: 19.625 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Instrument :
MSVOA_Y
ClientSampleId :

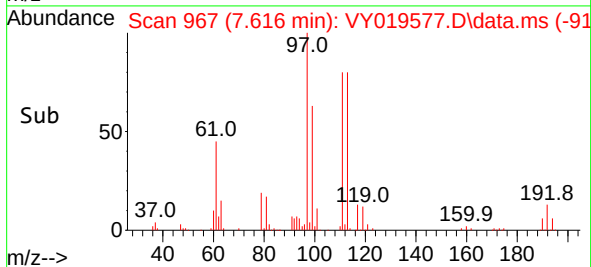
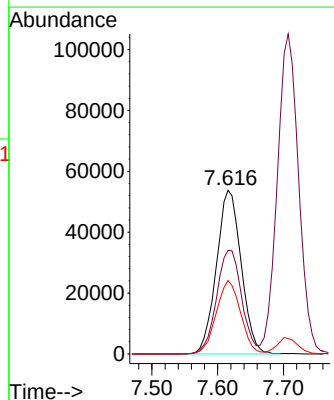
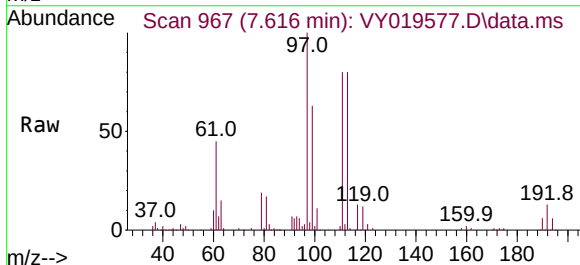


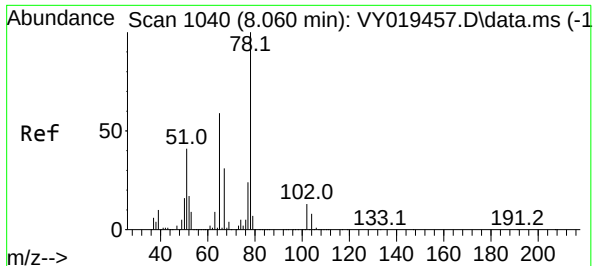
Tgt Ion: 56 Resp: 126156
Ion Ratio Lower Upper
56 100
69 40.4 28.7 43.1
84 91.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.623 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 97 Resp: 140708
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 44.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.221 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

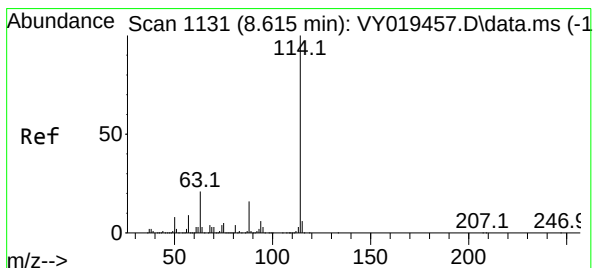
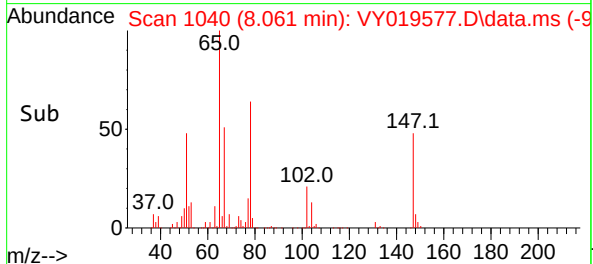
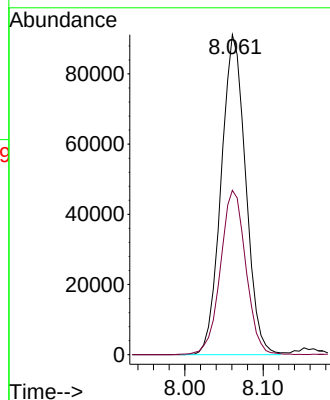
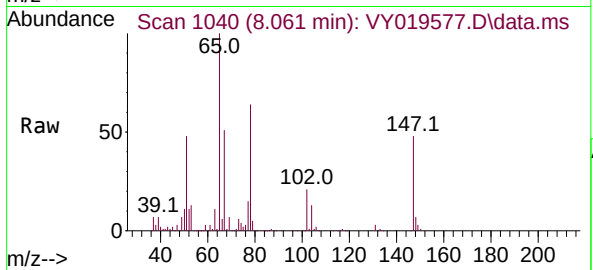
ClientSampleId :

Tgt Ion: 65 Resp: 198349

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

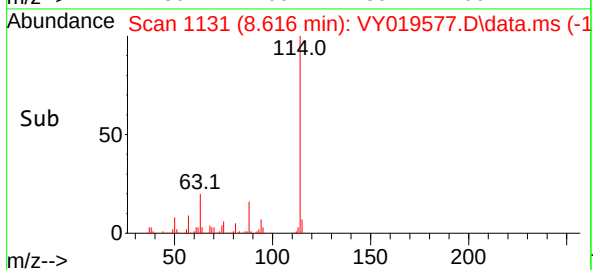
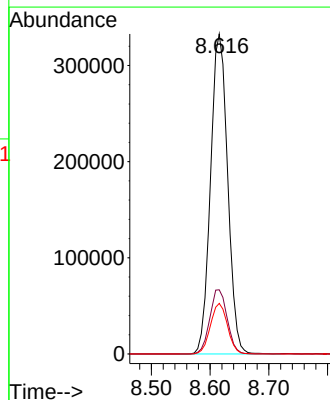
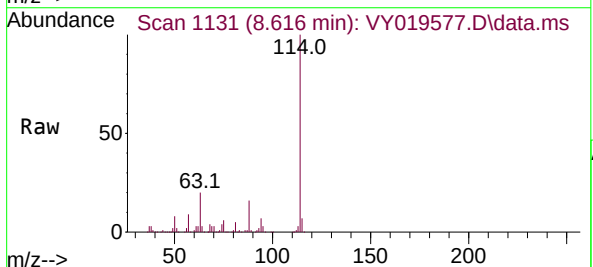
Tgt Ion: 114 Resp: 672150

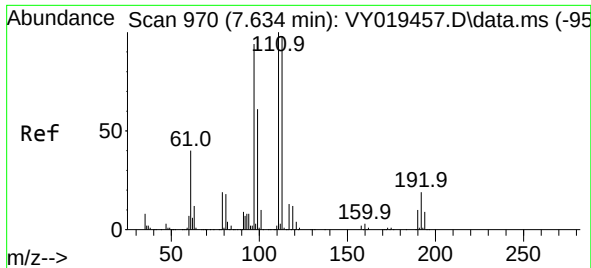
Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

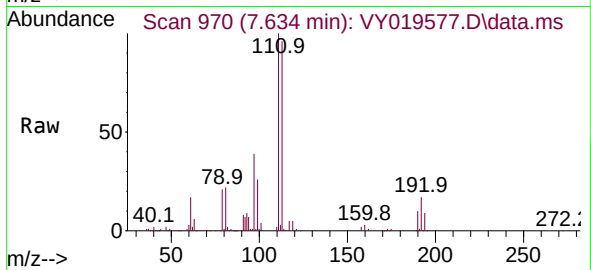
88 15.8 0.0 27.2



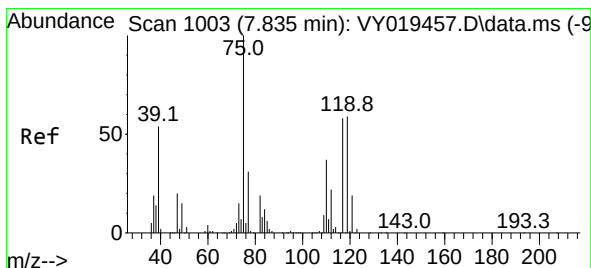
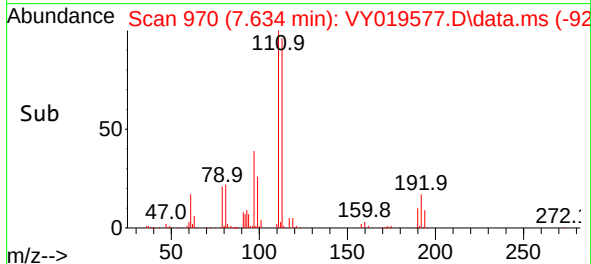
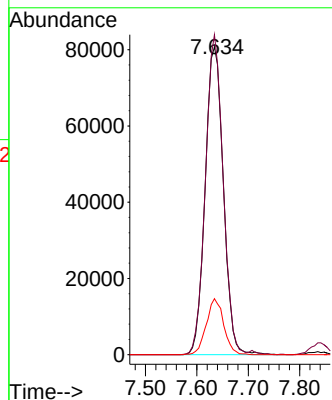


#35
Dibromofluoromethane
Concen: 52.157 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Instrument :
MSVOA_Y
ClientSampleId :

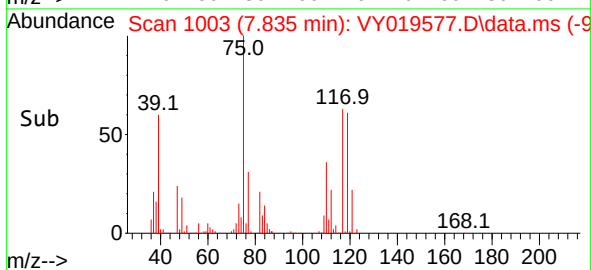
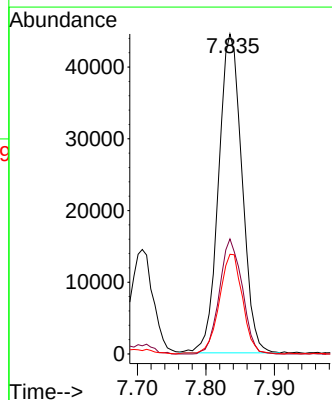
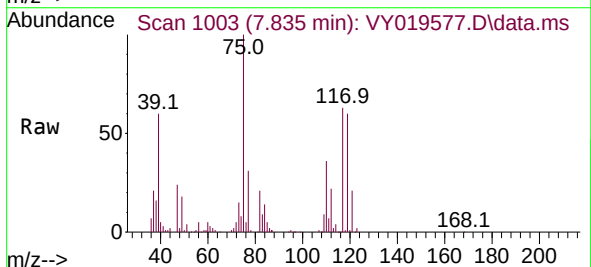


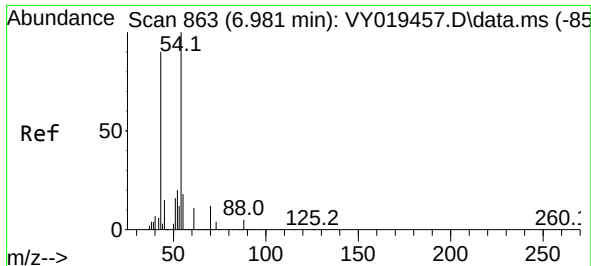
Tgt Ion:113 Resp: 198768
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 17.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.300 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 75 Resp: 105266
Ion Ratio Lower Upper
75 100
110 35.1 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 20.220 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

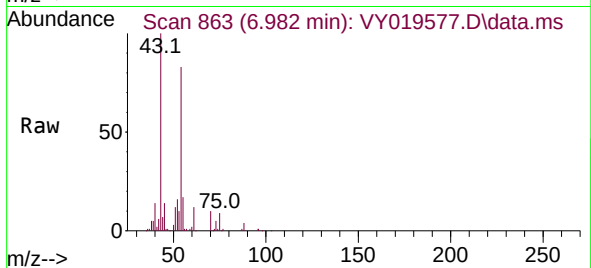
Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :



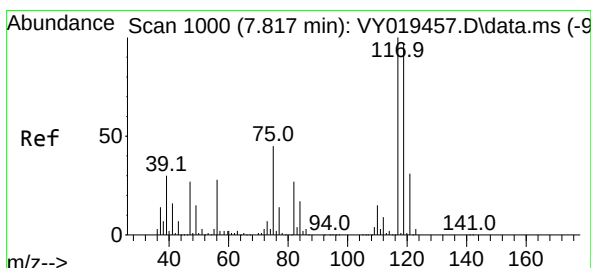
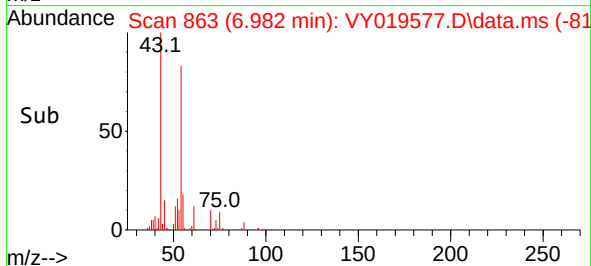
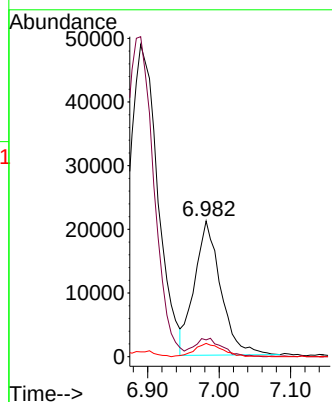
Tgt Ion: 43 Resp: 53724

Ion Ratio Lower Upper

43 100

61 14.5 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.883 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

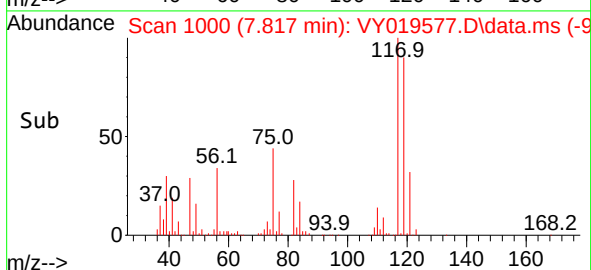
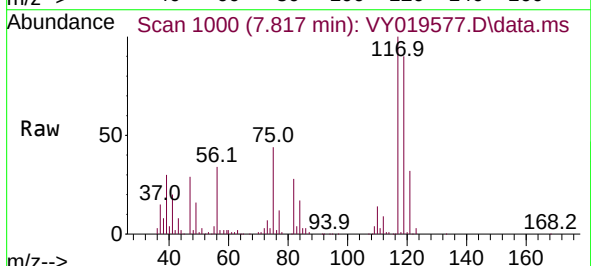
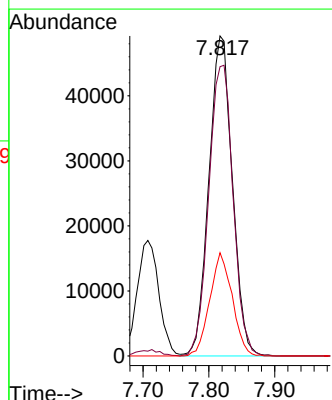
Tgt Ion: 117 Resp: 122121

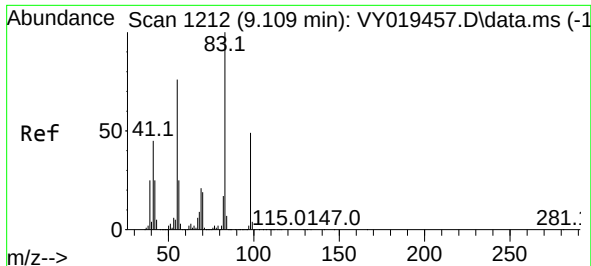
Ion Ratio Lower Upper

117 100

119 90.4 75.8 113.6

121 32.2 24.0 36.0





#39

Methylcyclohexane

Concen: 19.772 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

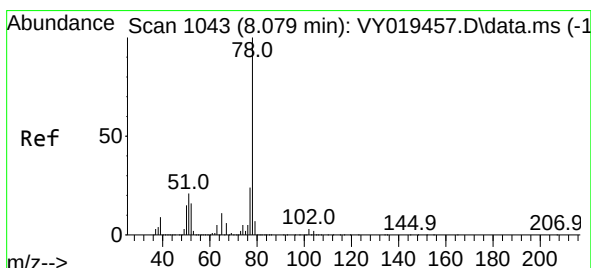
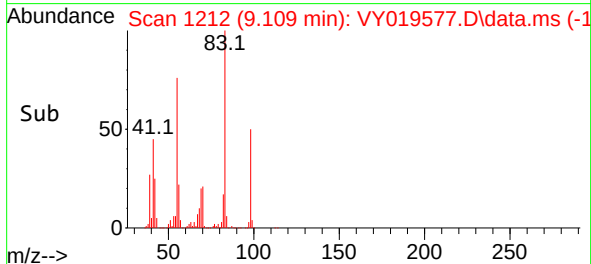
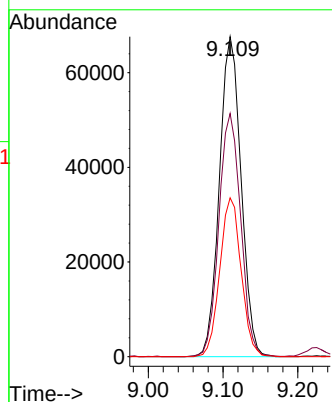
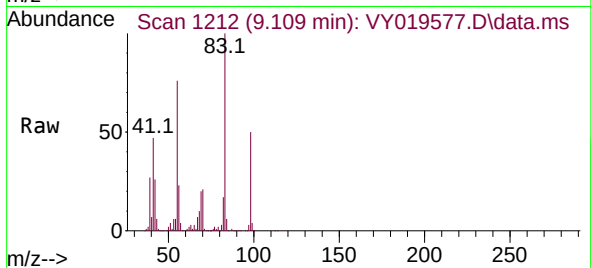
Tgt Ion: 83 Resp: 136447

Ion Ratio Lower Upper

83 100

55 76.0 51.5 77.3

98 49.6 40.5 60.7



#40

Benzene

Concen: 20.336 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019577.D

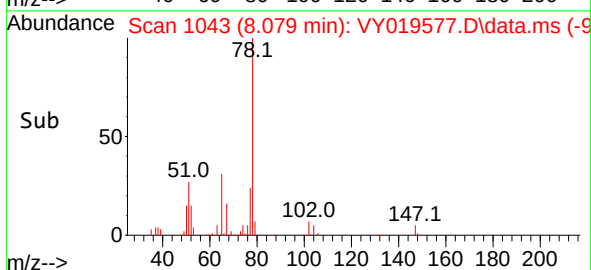
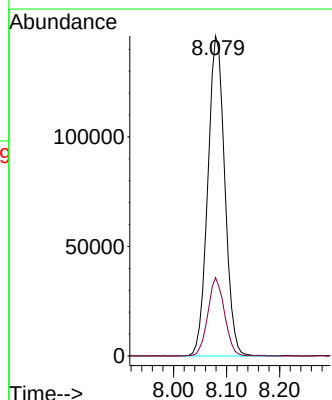
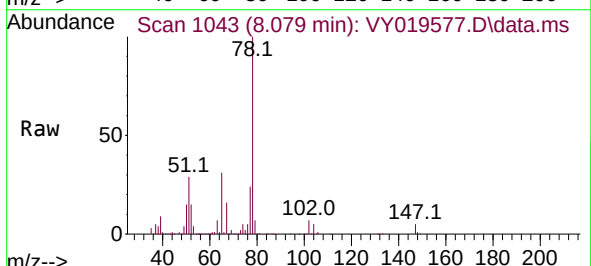
Acq: 17 Sep 2024 11:53

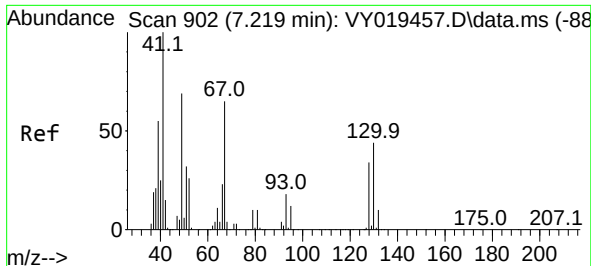
Tgt Ion: 78 Resp: 324809

Ion Ratio Lower Upper

78 100

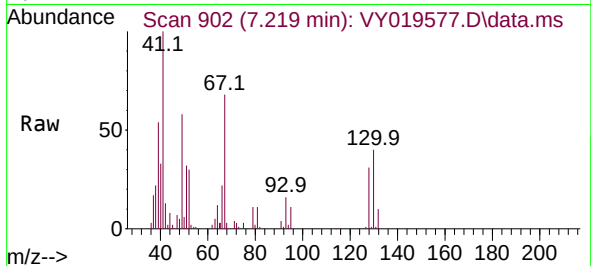
77 24.5 19.5 29.3



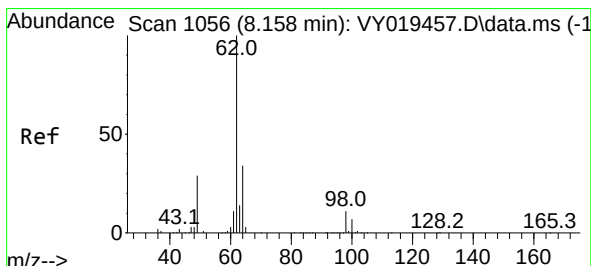
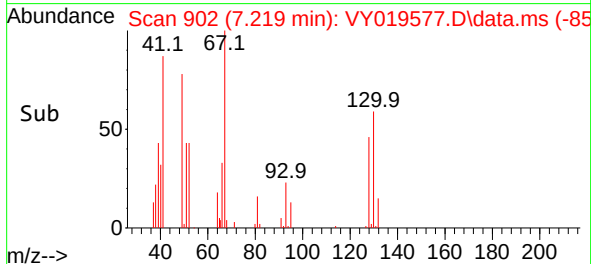
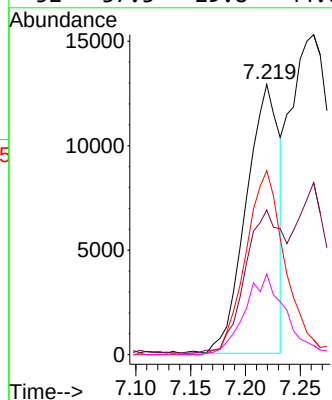


#41
Methacrylonitrile
Concen: 17.493 ug/l
RT: 7.219 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Instrument :
MSVOA_Y
ClientSampleId :

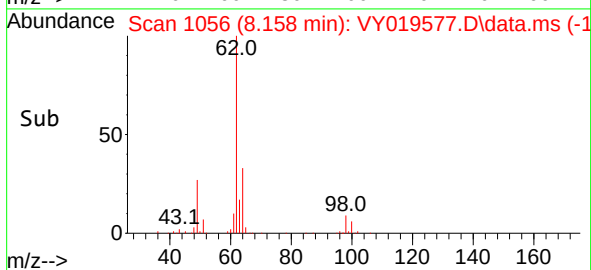
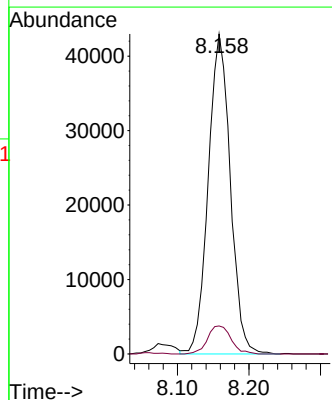
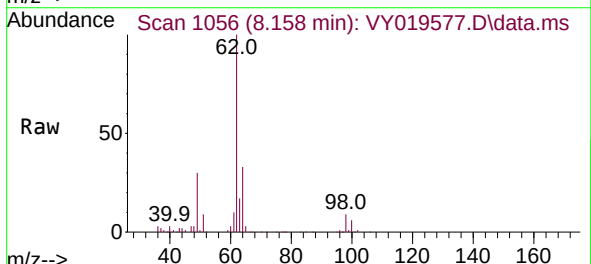


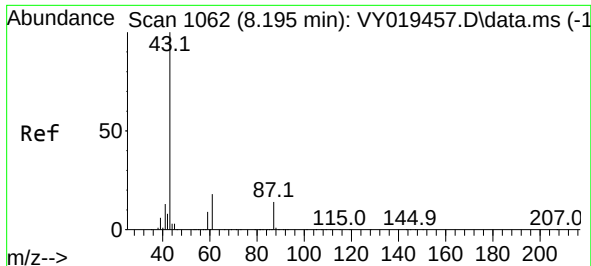
Tgt Ion:	41	Resp:	27094
Ion	Ratio	Lower	Upper
41	100		
39	62.4	48.0	72.0
67	82.5	75.1	112.7
52	37.3	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.421 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

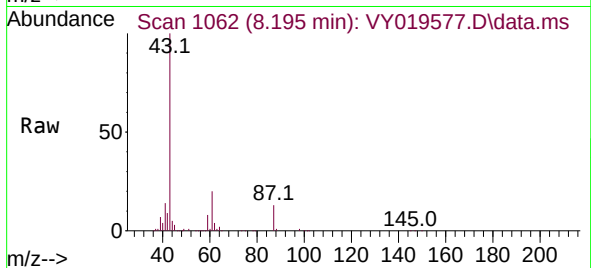
Tgt Ion:	62	Resp:	92066
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	22.0



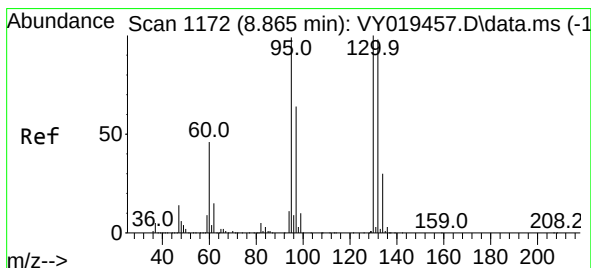
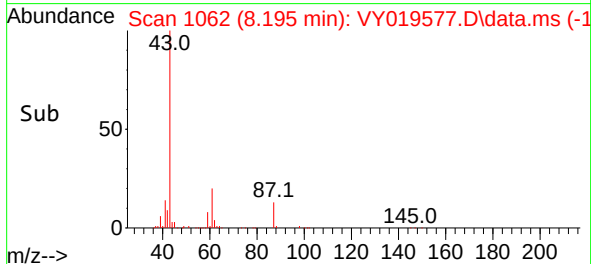
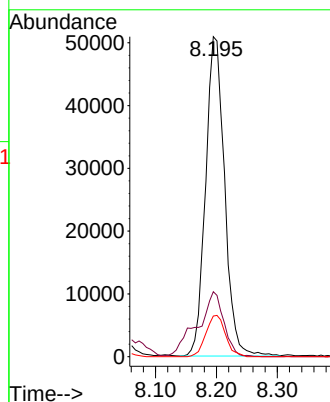


#43
Isopropyl Acetate
Concen: 19.814 ug/l
RT: 8.195 min Scan# 110605
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Instrument :
MSVOA_Y
ClientSampleId :

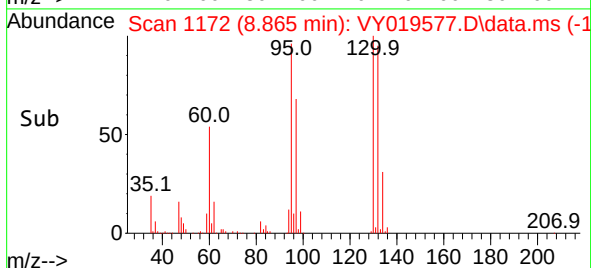
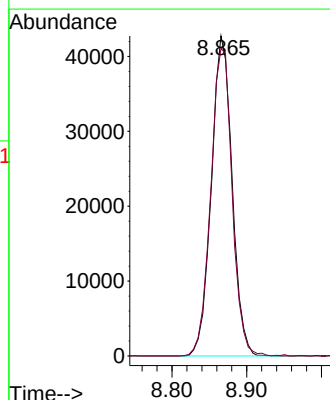
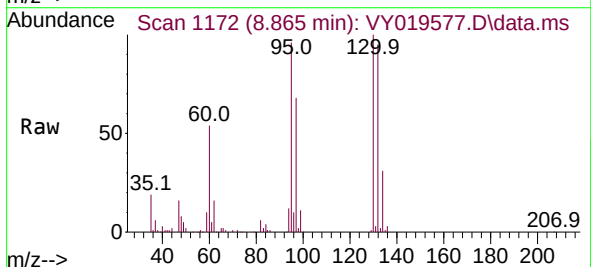


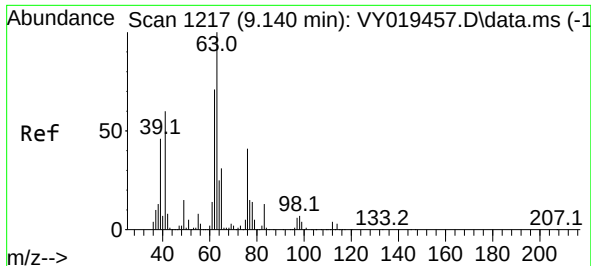
Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.4	27.9	41.9
87	13.3	13.1	19.7



#44
Trichloroethene
Concen: 19.992 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.089 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

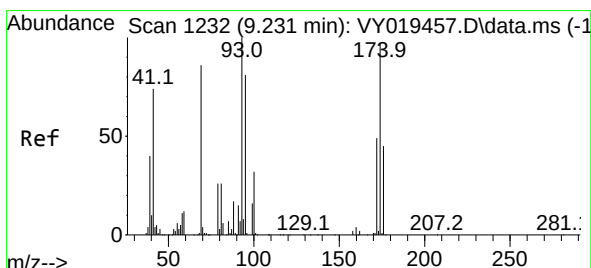
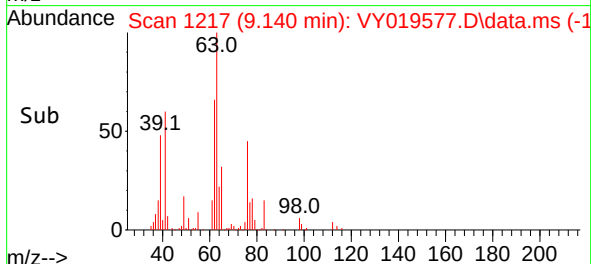
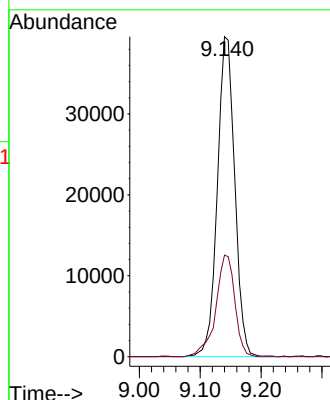
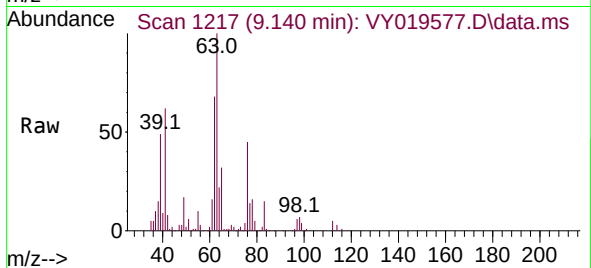
ClientSampleId :

Tgt Ion: 63 Resp: 78443

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.2



#46

Dibromomethane

Concen: 20.345 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

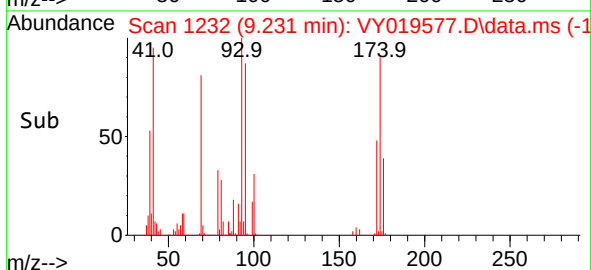
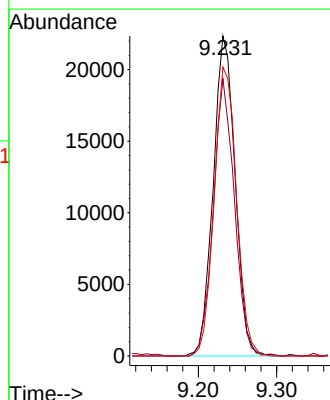
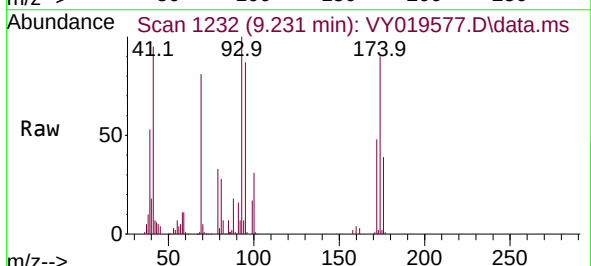
Tgt Ion: 93 Resp: 43443

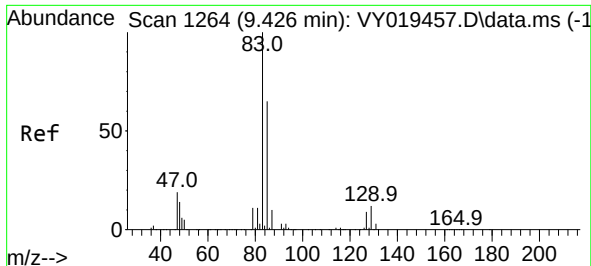
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 92.1 80.9 121.3

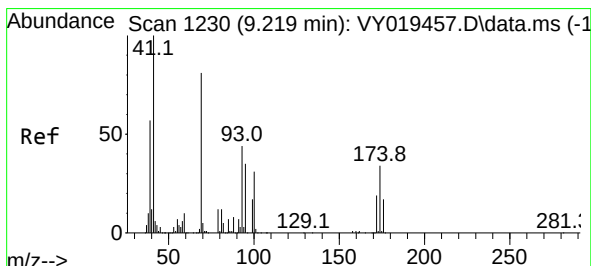
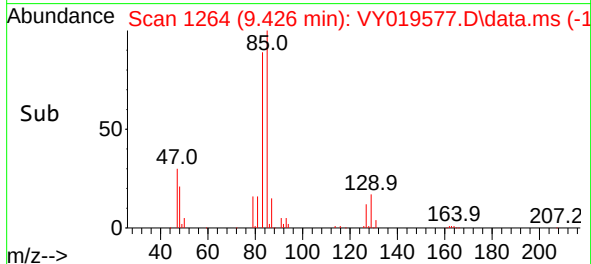
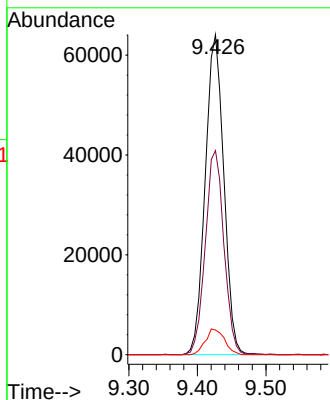
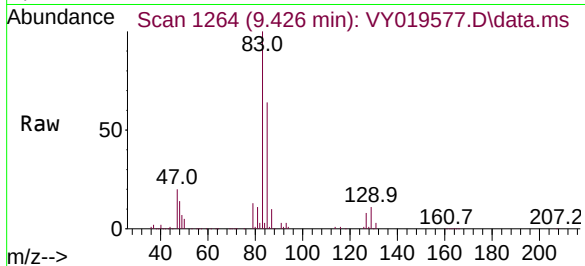




#47
Bromodichloromethane
Concen: 21.038 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

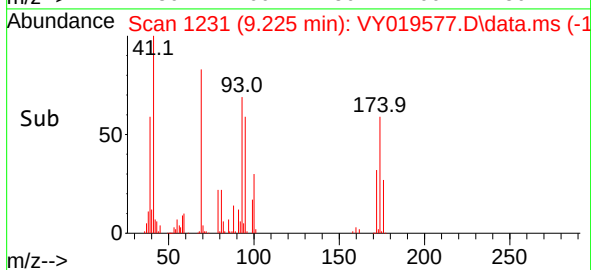
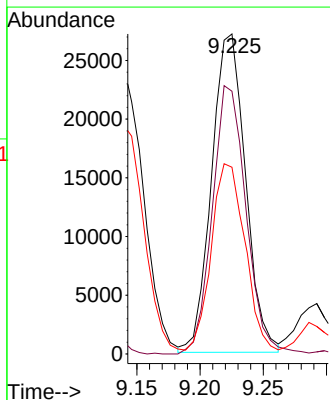
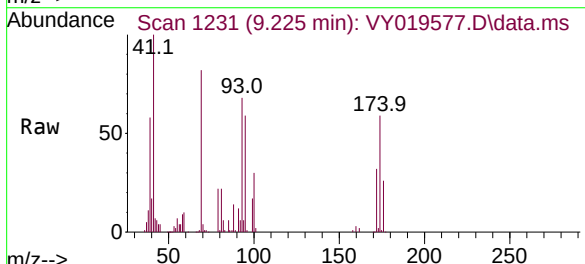
Instrument :
MSVOA_Y
ClientSampleId :

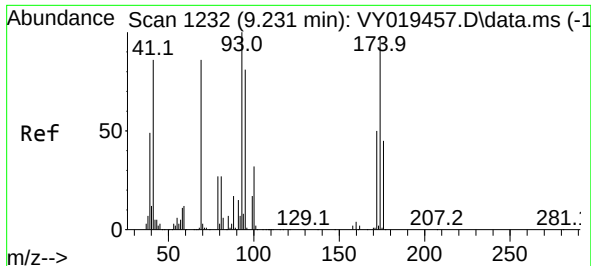
Tgt Ion: 83 Resp: 120755
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 7.7 7.4 11.0



#48
Methyl methacrylate
Concen: 19.201 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 41 Resp: 50616
Ion Ratio Lower Upper
41 100
69 83.6 84.1 126.1#
39 57.7 43.6 65.4





#49

1,4-Dioxane

Concen: 435.367 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

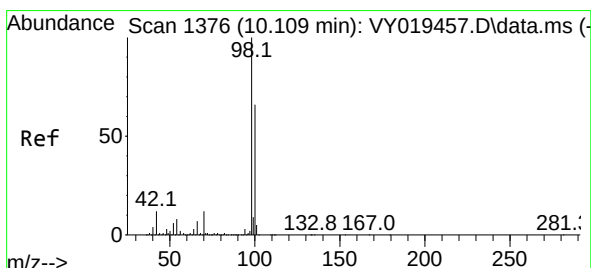
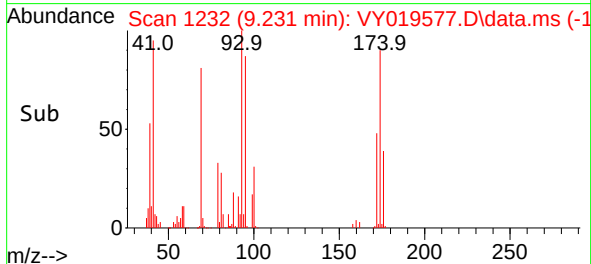
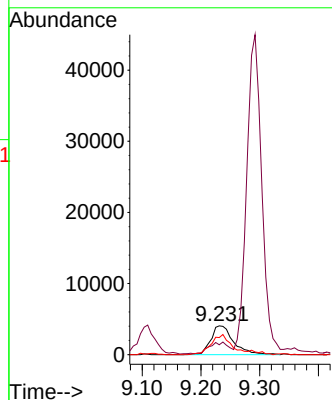
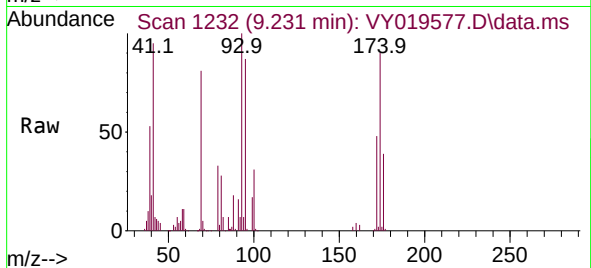
Tgt Ion: 88 Resp: 10944

Ion Ratio Lower Upper

88 100

43 34.1 0.0 0.0#

58 69.1 49.3 73.9



#50

Toluene-d8

Concen: 51.975 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019577.D

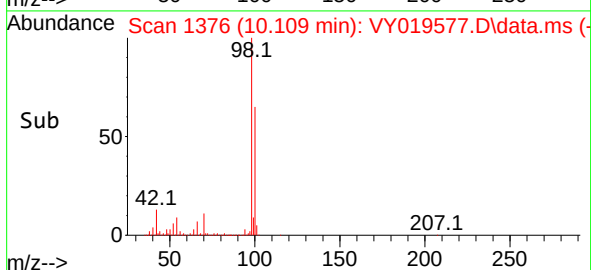
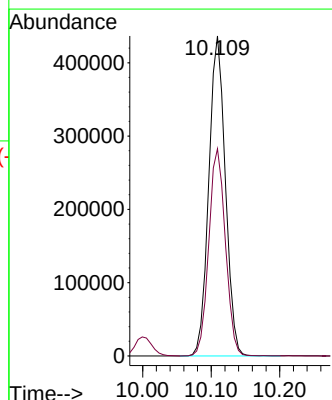
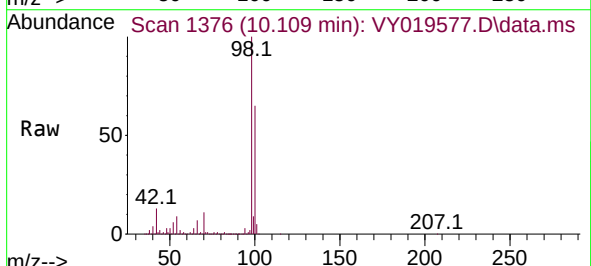
Acq: 17 Sep 2024 11:53

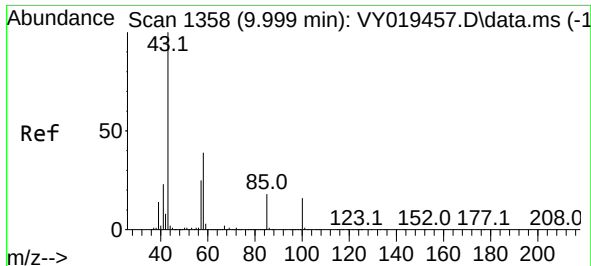
Tgt Ion: 98 Resp: 732629

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 100.217 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

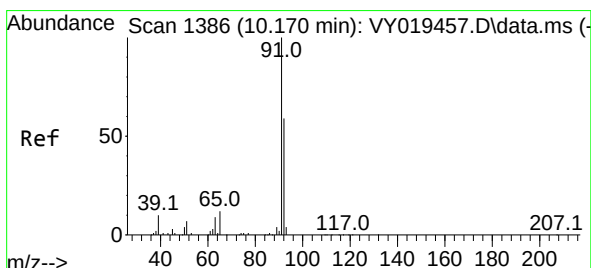
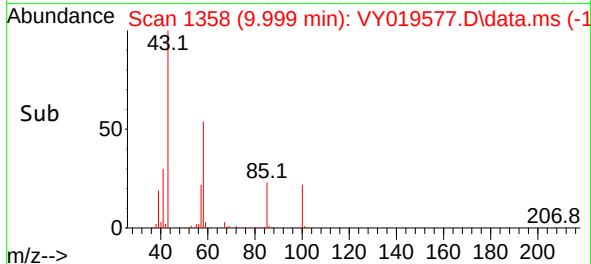
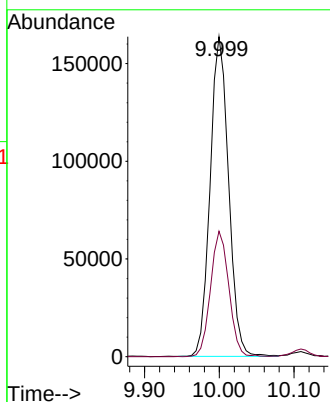
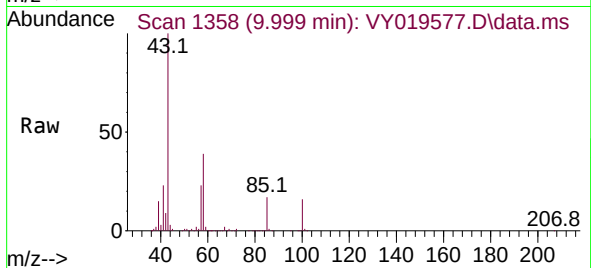
ClientSampleId :

Tgt Ion: 43 Resp: 281440

Ion Ratio Lower Upper

43 100

58 38.9 35.7 53.5



#52

Toluene

Concen: 20.489 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019577.D

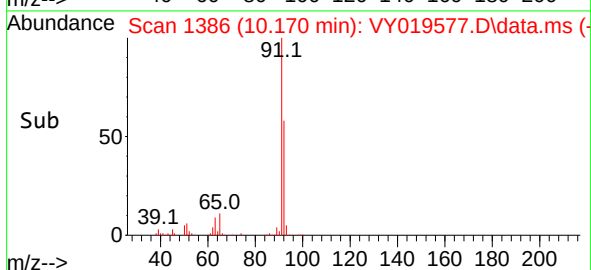
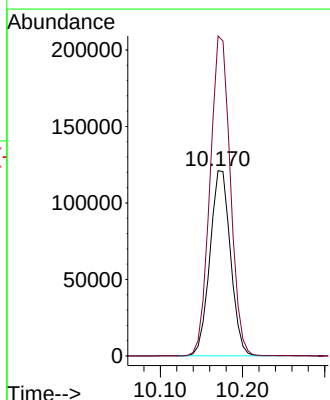
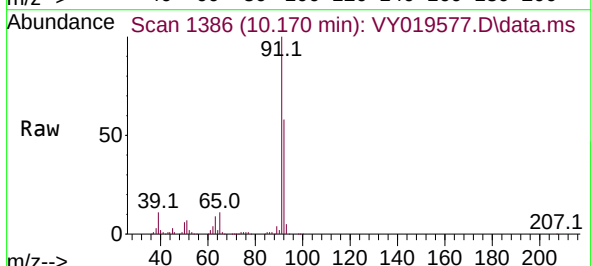
Acq: 17 Sep 2024 11:53

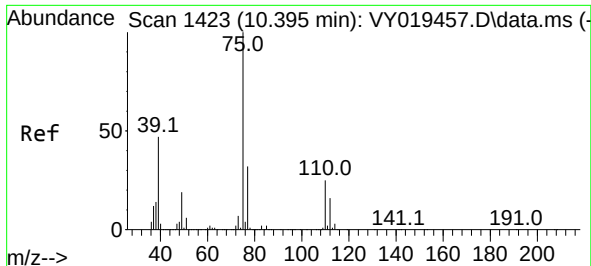
Tgt Ion: 92 Resp: 210472

Ion Ratio Lower Upper

92 100

91 171.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.692 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

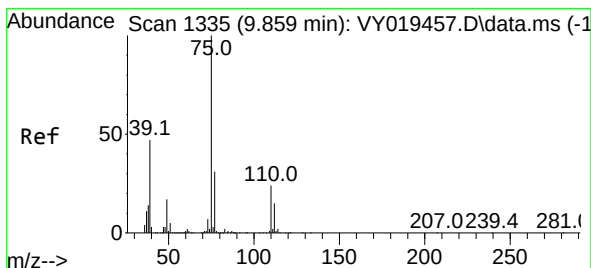
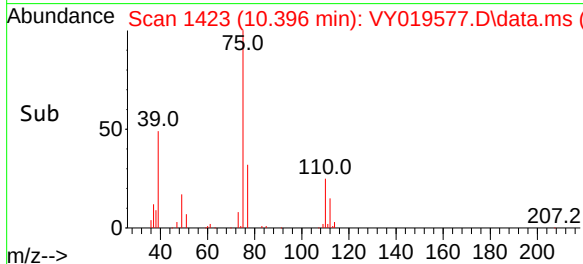
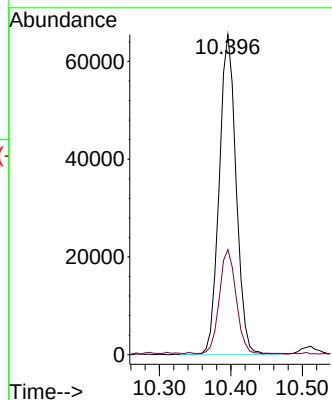
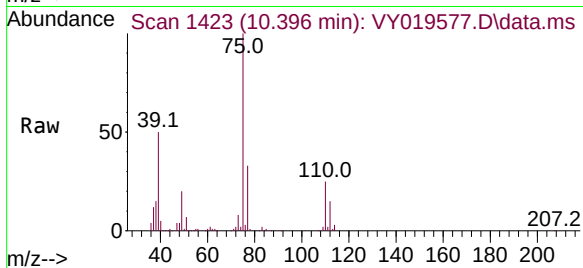
ClientSampleId :

Tgt Ion: 75 Resp: 107747

Ion Ratio Lower Upper

75 100

77 32.4 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.868 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

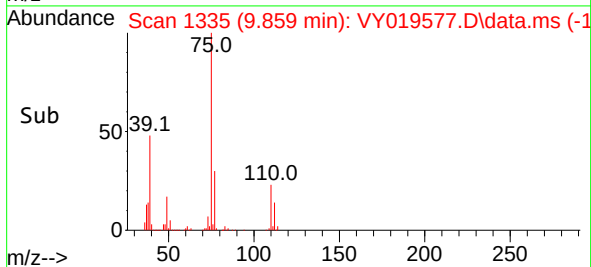
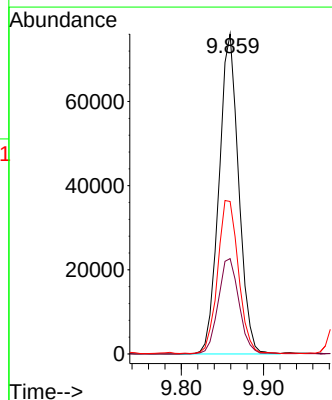
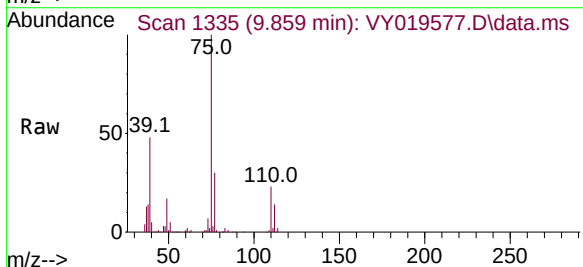
Tgt Ion: 75 Resp: 126582

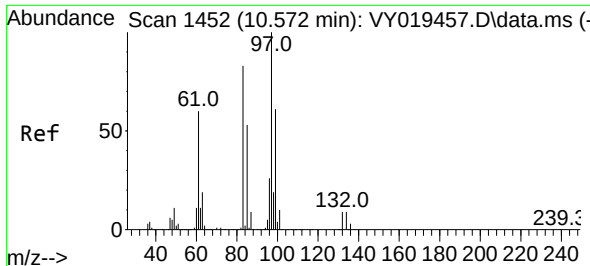
Ion Ratio Lower Upper

75 100

77 29.8 25.4 38.0

39 47.5 29.8 44.6#

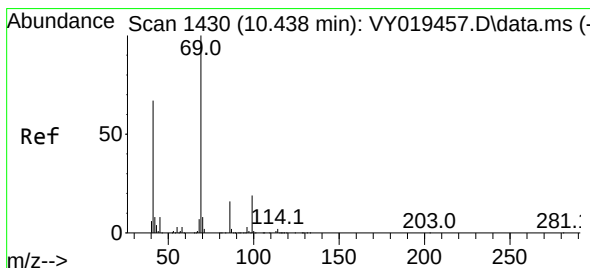
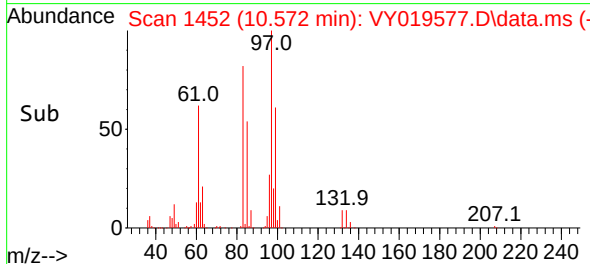
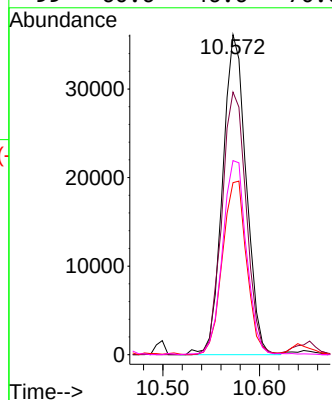
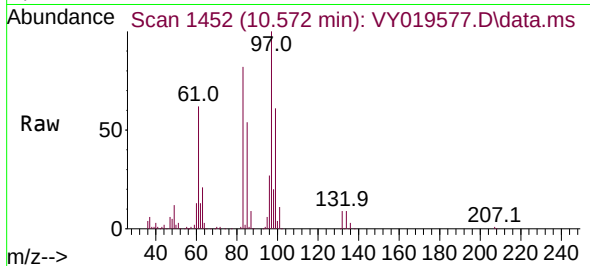




#55
1,1,2-Trichloroethane
Concen: 20.714 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

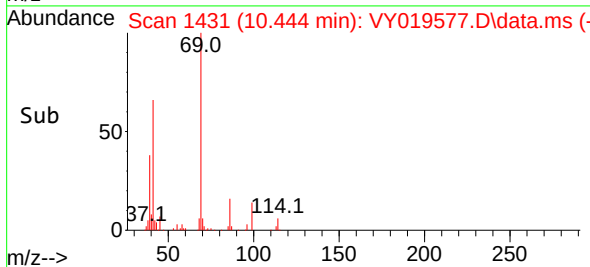
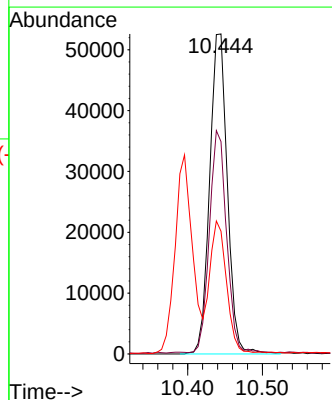
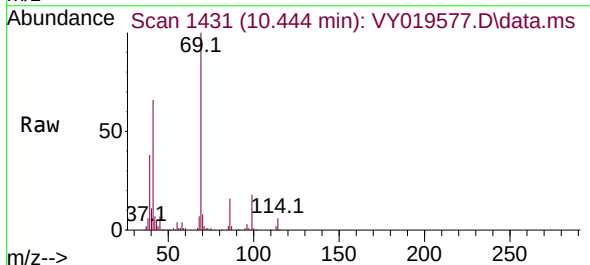
Instrument :
MSVOA_Y
ClientSampleId :

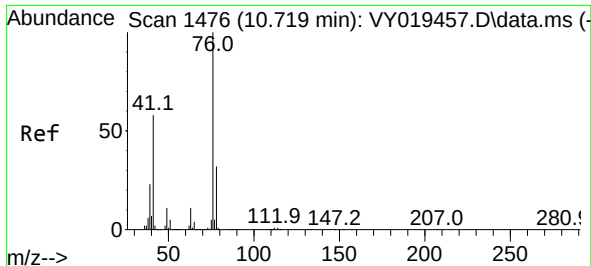
Tgt Ion:	97	Resp:	61081
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.5	101.3
85	53.6	42.9	64.3
99	60.6	46.6	70.0



#56
Ethyl methacrylate
Concen: 19.299 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion:	69	Resp:	86446
Ion	Ratio	Lower	Upper
69	100		
41	67.2	42.3	63.5#
39	38.7	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 20.412 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

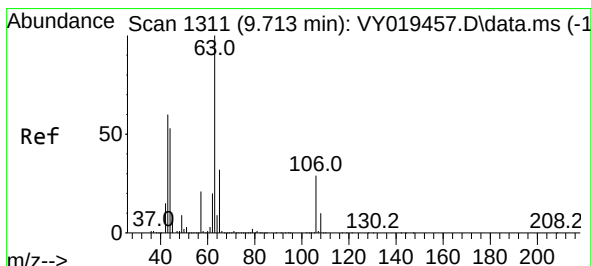
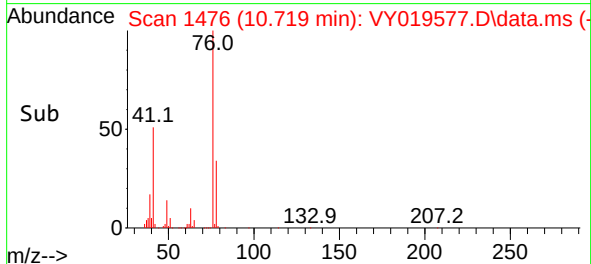
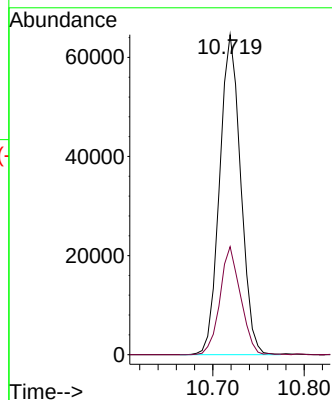
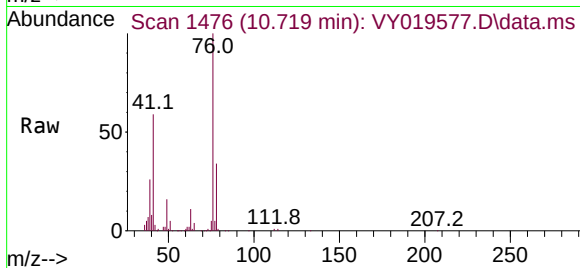
ClientSampleId :

Tgt Ion: 76 Resp: 103466

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.346 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019577.D

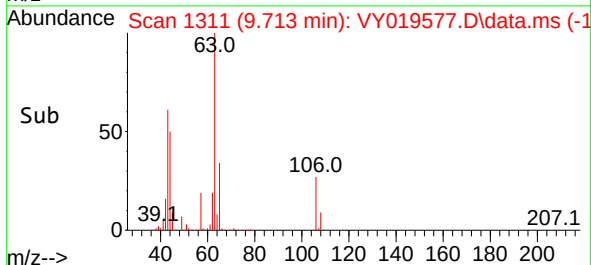
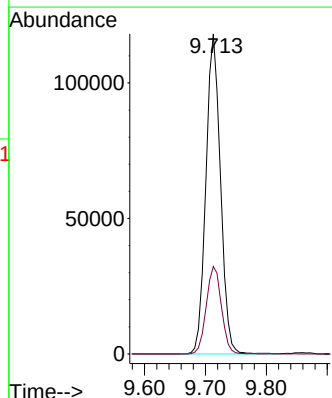
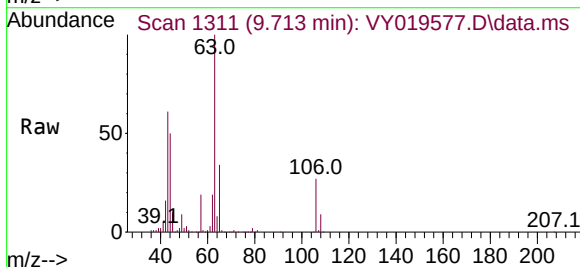
Acq: 17 Sep 2024 11:53

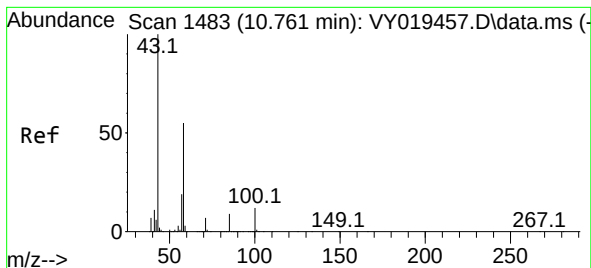
Tgt Ion: 63 Resp: 196147

Ion Ratio Lower Upper

63 100

106 28.3 23.7 35.5

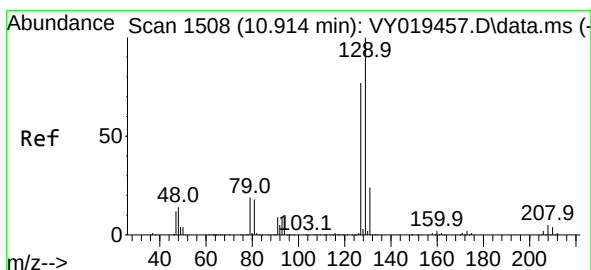
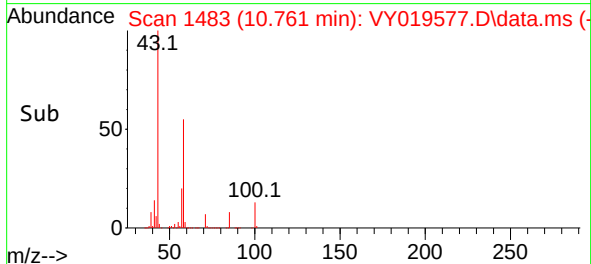
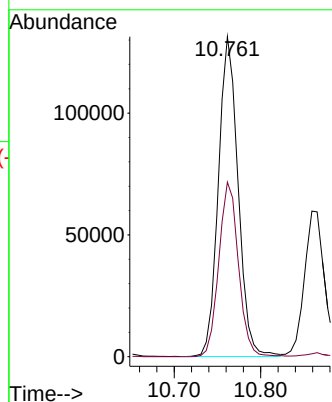
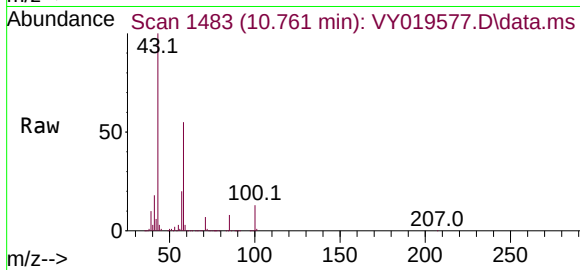




#59
2-Hexanone
Concen: 100.695 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

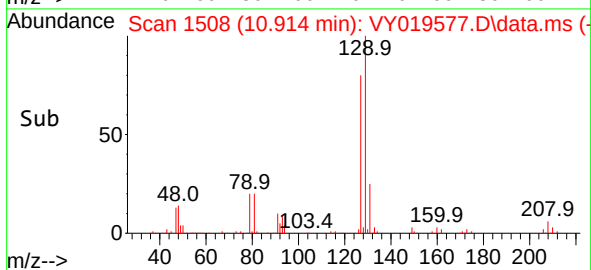
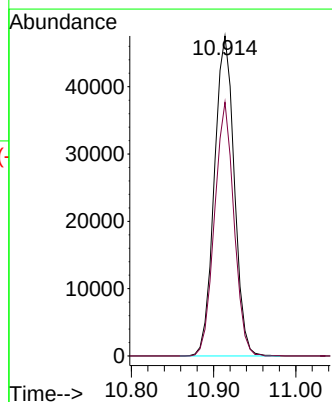
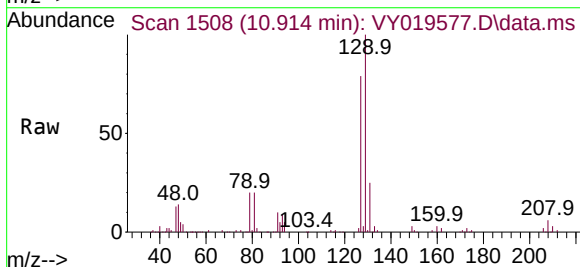
Instrument :
MSVOA_Y
ClientSampleId :

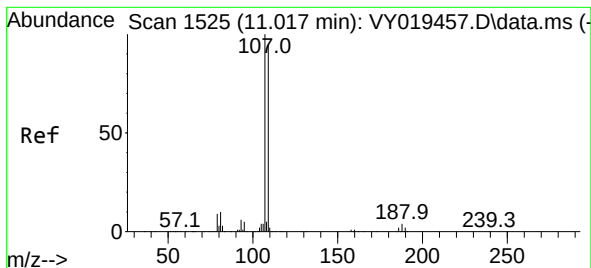
Tgt Ion: 43 Resp: 207317
Ion Ratio Lower Upper
43 100
58 54.4 31.4 94.0



#60
Dibromochloromethane
Concen: 20.522 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 129 Resp: 80051
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

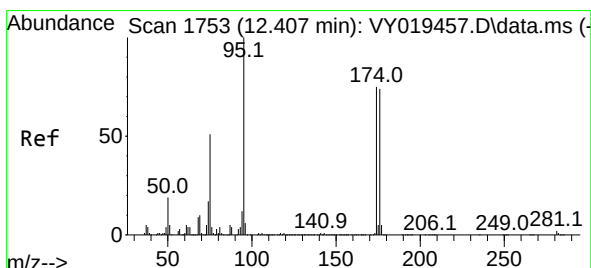
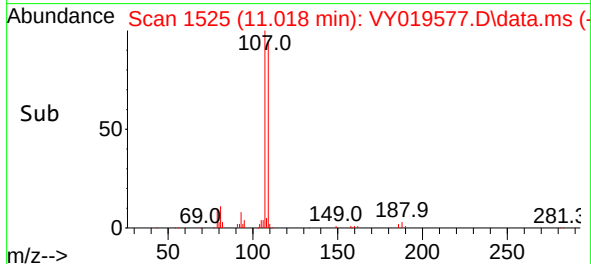
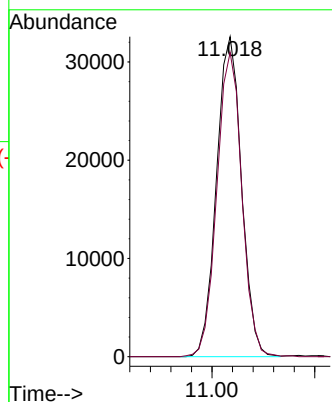
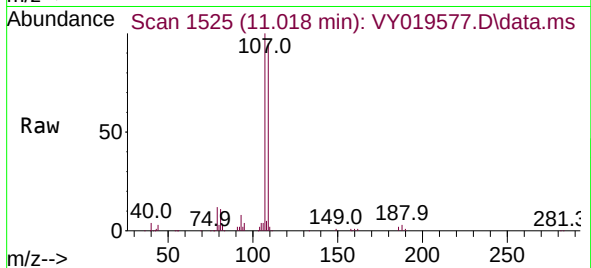




#61
1,2-Dibromoethane
Concen: 20.026 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

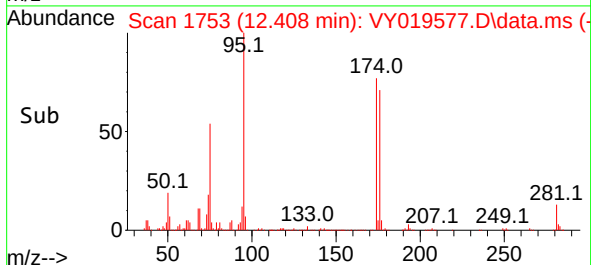
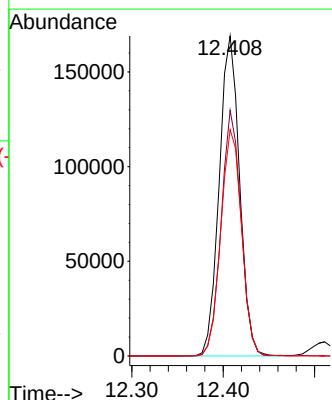
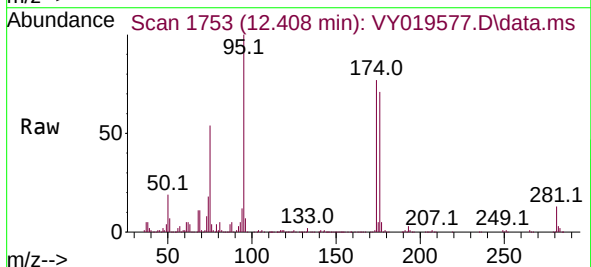
Instrument :
MSVOA_Y
ClientSampleId :

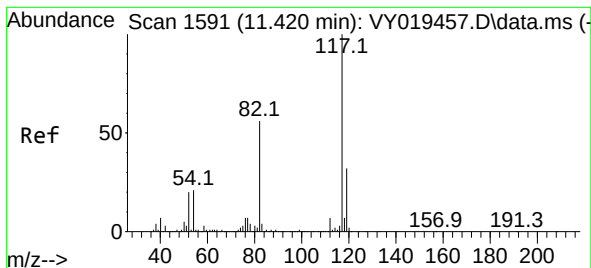
Tgt Ion:107 Resp: 55023
Ion Ratio Lower Upper
107 100
109 94.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.335 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 95 Resp: 261977
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 72.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

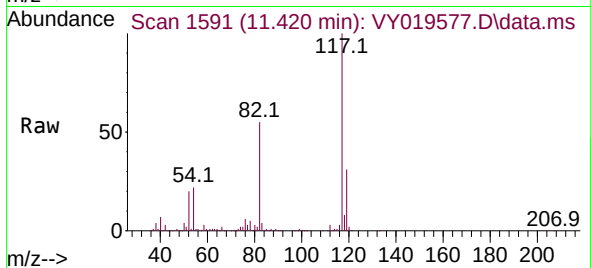
Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :



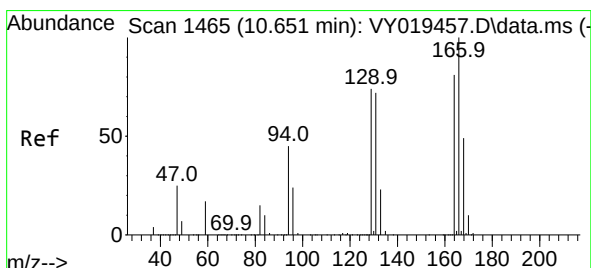
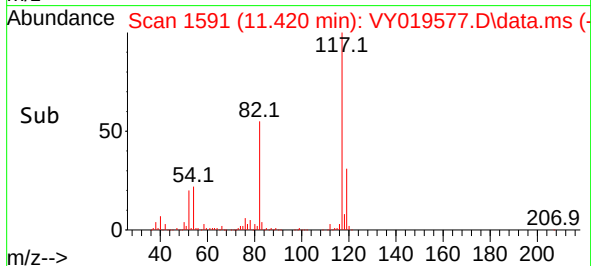
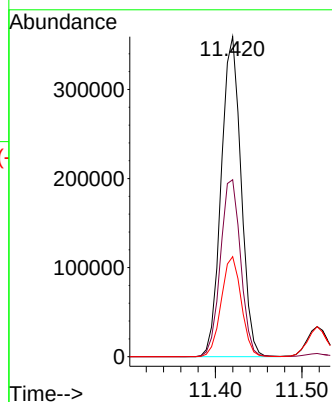
Tgt Ion:117 Resp: 571439

Ion Ratio Lower Upper

117 100

82 55.3 42.4 63.6

119 31.2 25.9 38.9



#64

Tetrachloroethene

Concen: 20.025 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Tgt Ion:164 Resp: 70860

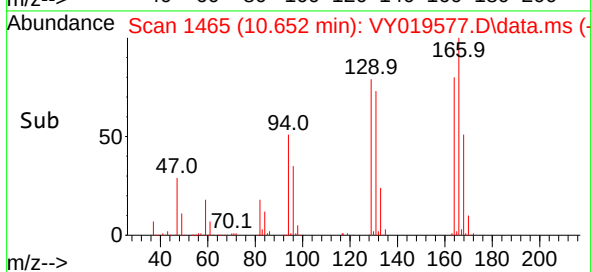
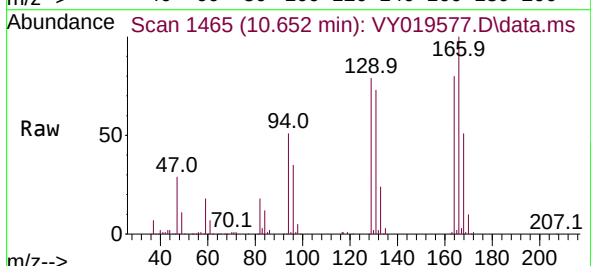
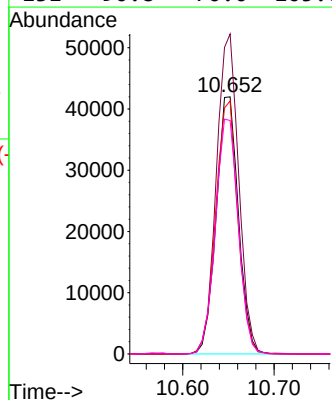
Ion Ratio Lower Upper

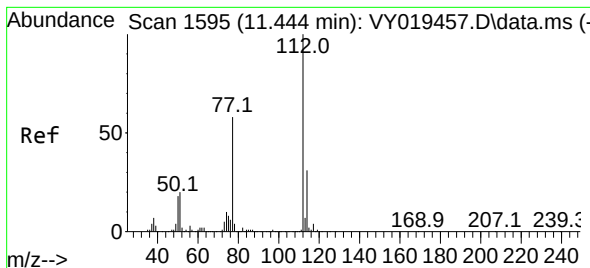
164 100

166 124.5 102.6 154.0

129 98.5 72.0 108.0

131 90.8 70.0 105.0





#65

Chlorobenzene

Concen: 20.570 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

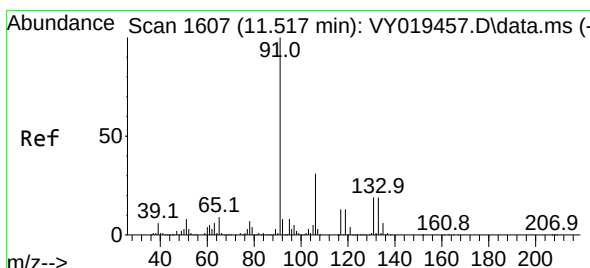
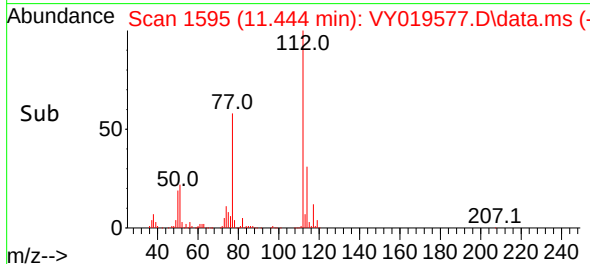
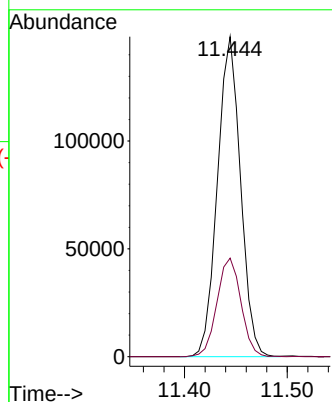
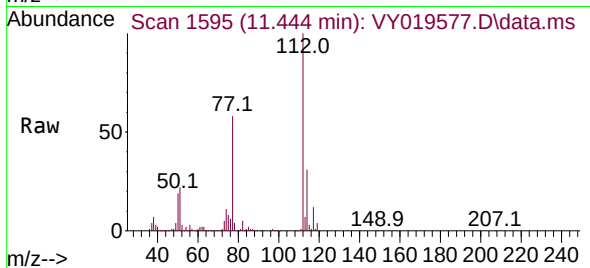
ClientSampleId :

Tgt Ion:112 Resp: 231221

Ion Ratio Lower Upper

112 100

114 30.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.443 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

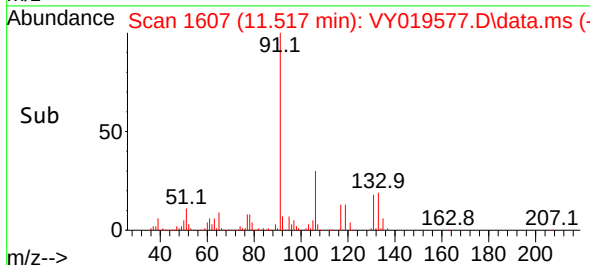
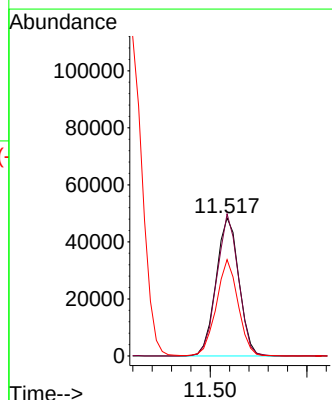
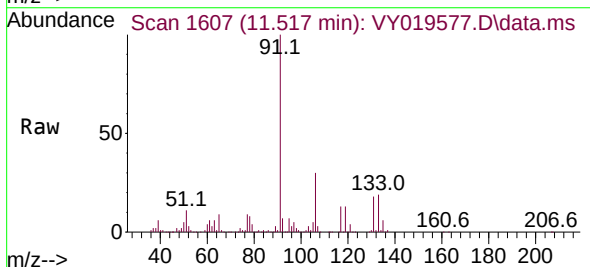
Tgt Ion:131 Resp: 79563

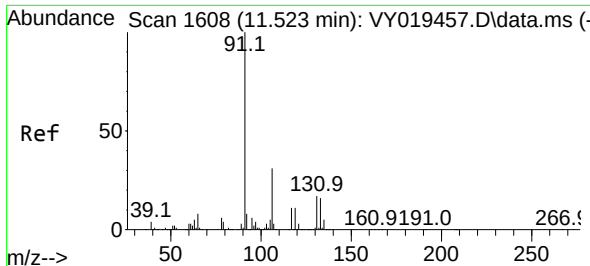
Ion Ratio Lower Upper

131 100

133 97.4 47.8 143.3

119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 20.792 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

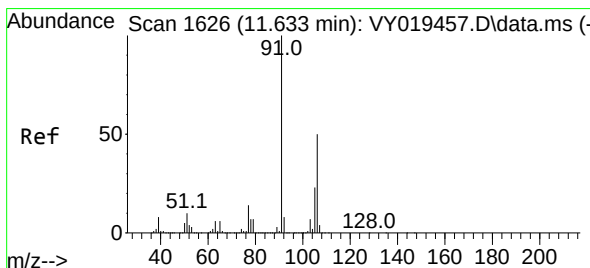
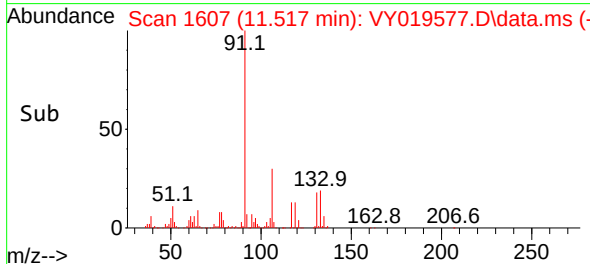
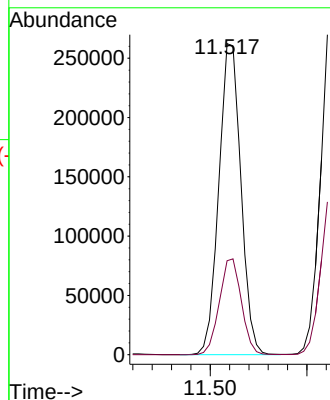
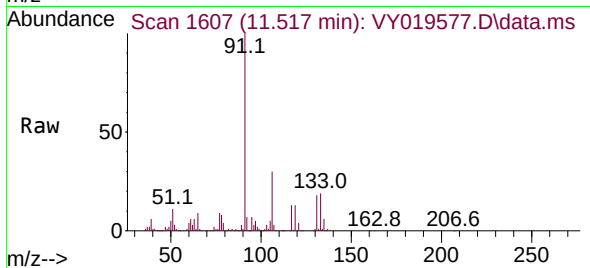
ClientSampleId :

Tgt Ion: 91 Resp: 415275

Ion Ratio Lower Upper

91 100

106 30.2 24.5 36.7



#68

m/p-Xylenes

Concen: 41.208 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019577.D

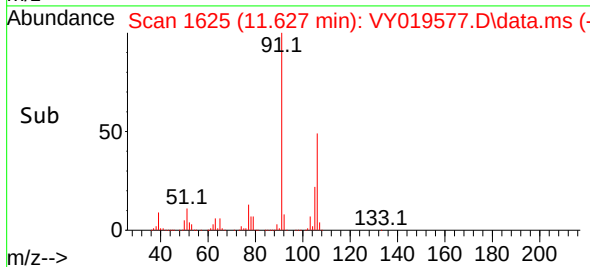
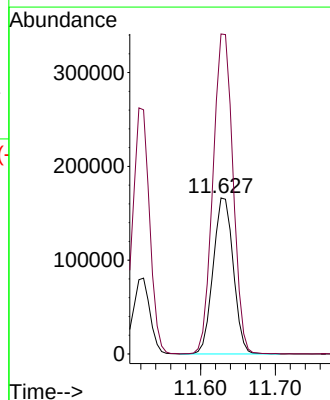
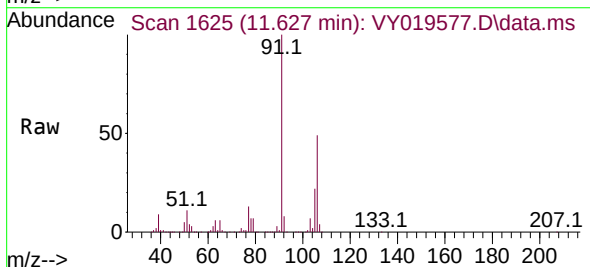
Acq: 17 Sep 2024 11:53

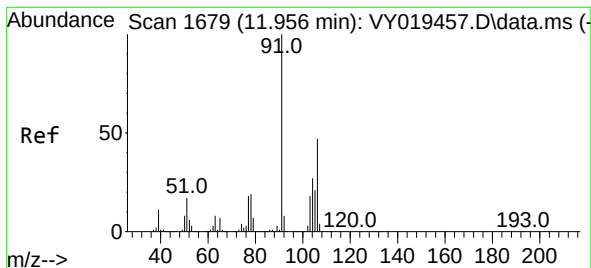
Tgt Ion:106 Resp: 311204

Ion Ratio Lower Upper

106 100

91 204.2 156.0 234.0

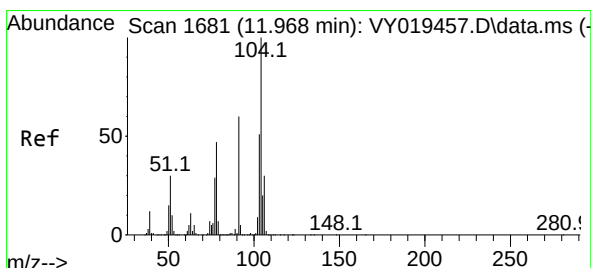
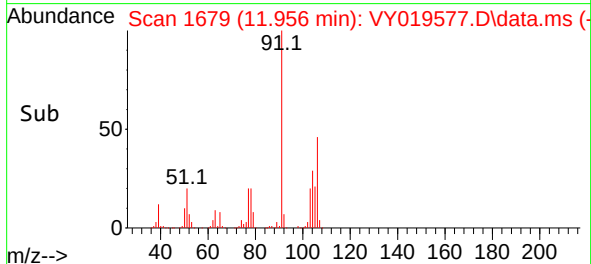
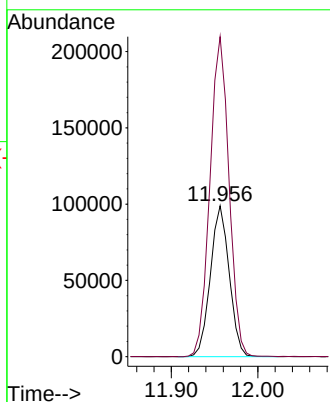
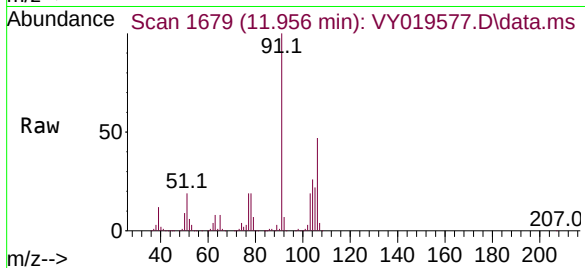




#69
o-Xylene
Concen: 20.250 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

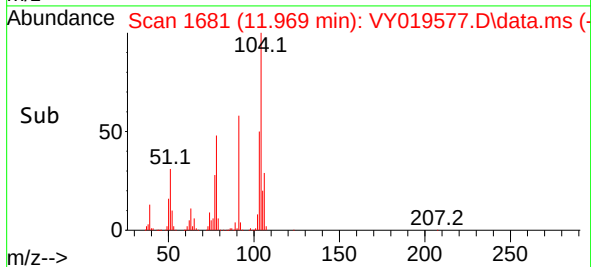
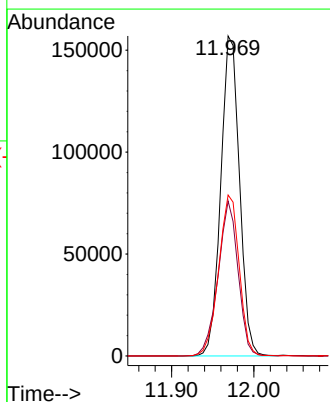
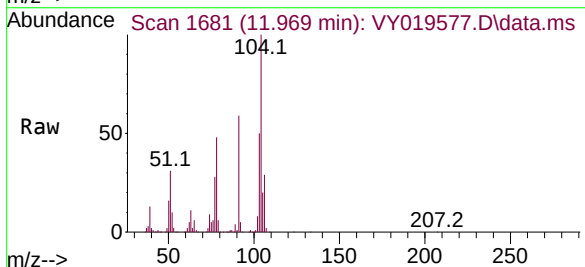
Instrument :
MSVOA_Y
ClientSampleId :

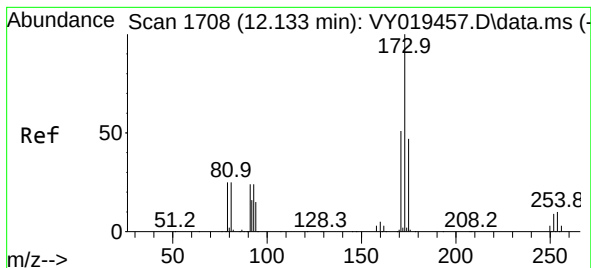
Tgt Ion:106 Resp: 149563
Ion Ratio Lower Upper
106 100
91 214.7 103.6 310.8



#70
Styrene
Concen: 19.939 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion:104 Resp: 248637
Ion Ratio Lower Upper
104 100
78 51.5 37.0 55.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 19.156 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

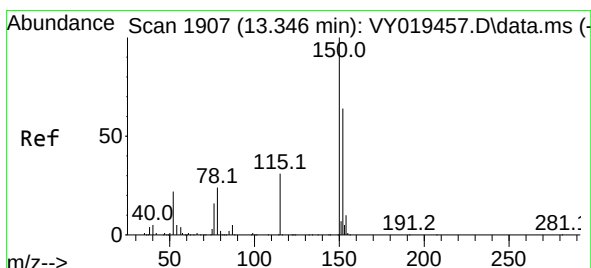
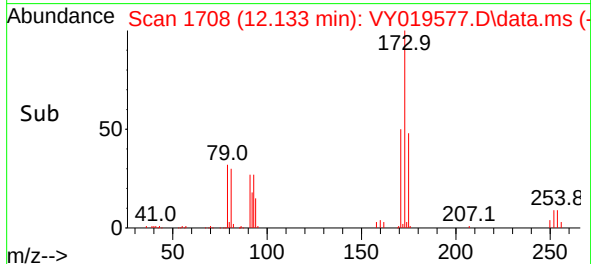
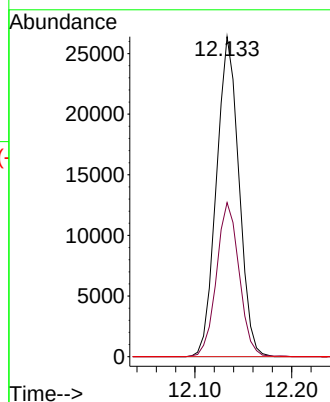
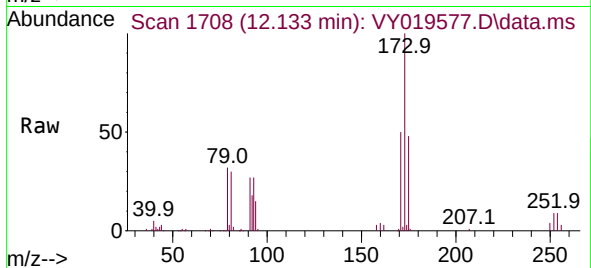
Tgt Ion:173 Resp: 42581

Ion Ratio Lower Upper

173 100

175 48.5 25.1 75.3

254 0.0 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: VY019577.D

Acq: 17 Sep 2024 11:53

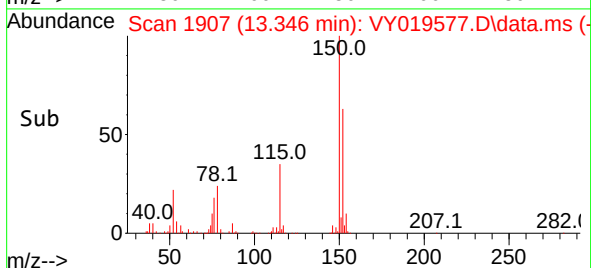
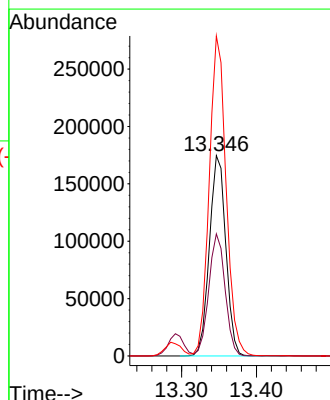
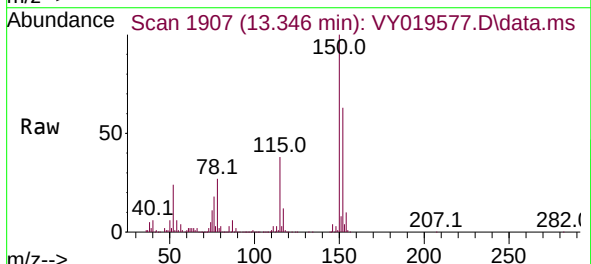
Tgt Ion:152 Resp: 266293

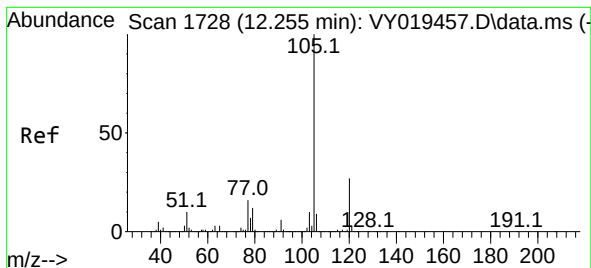
Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 163.9 0.0 345.6





#73

Isopropylbenzene

Concen: 20.800 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

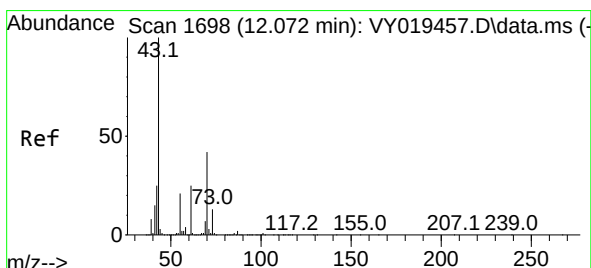
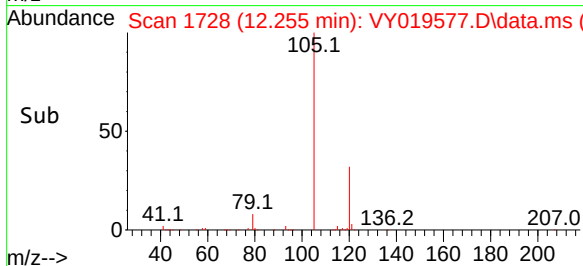
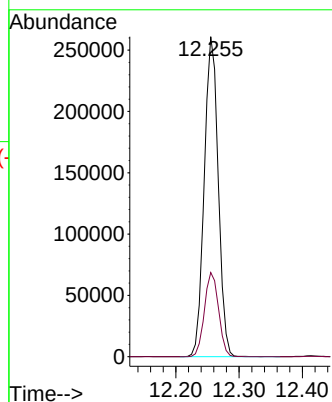
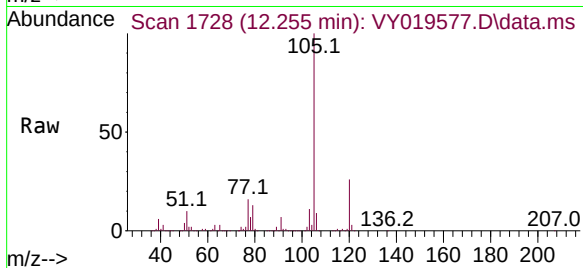
ClientSampleId :

Tgt Ion:105 Resp: 401832

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 18.861 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Tgt Ion: 43 Resp: 99097

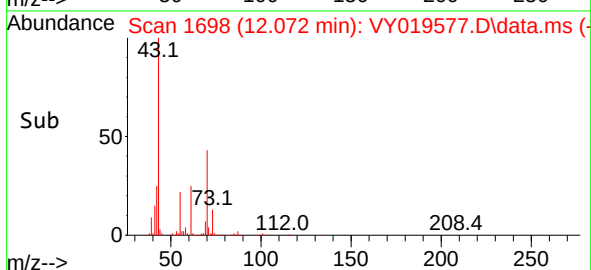
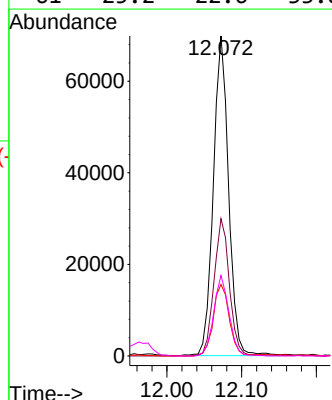
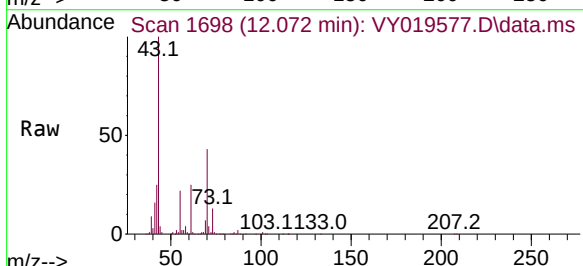
Ion Ratio Lower Upper

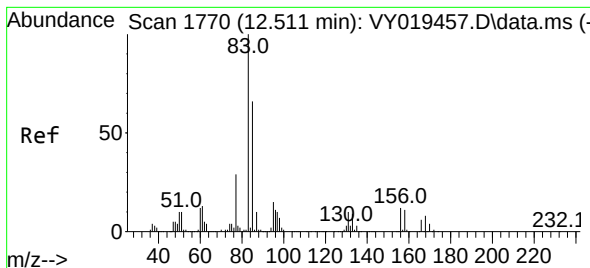
43 100

70 43.2 41.4 62.2

55 23.6 23.3 34.9

61 25.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.600 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

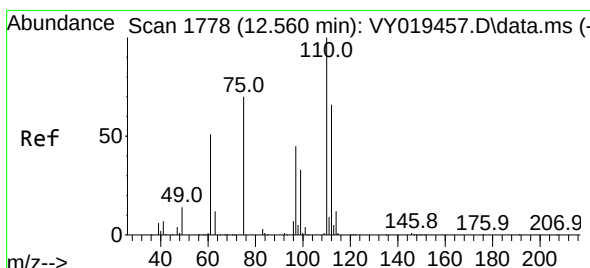
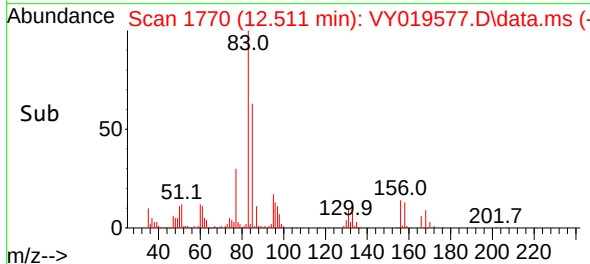
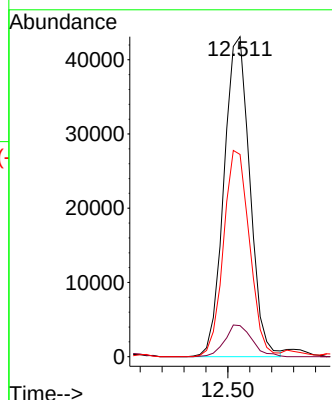
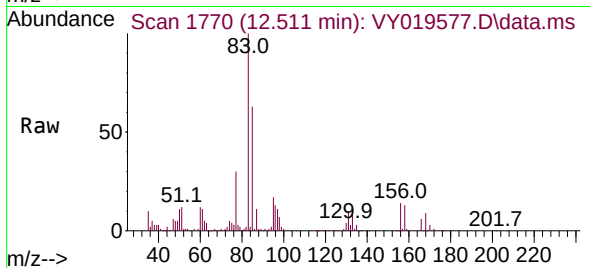
Tgt Ion: 83 Resp: 70636

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.799 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019577.D

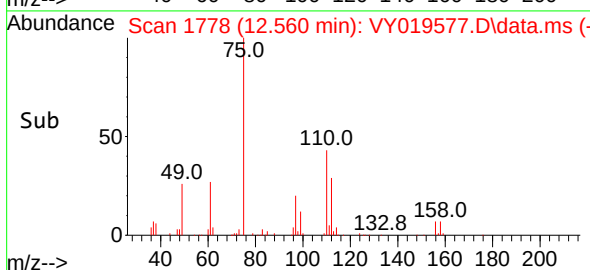
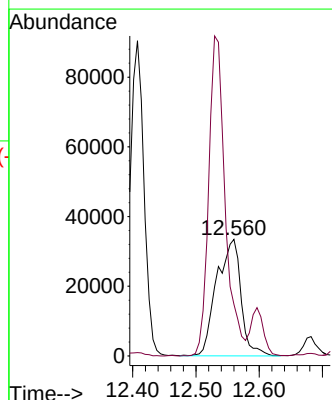
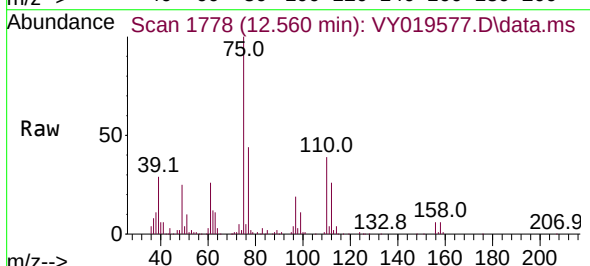
Acq: 17 Sep 2024 11:53

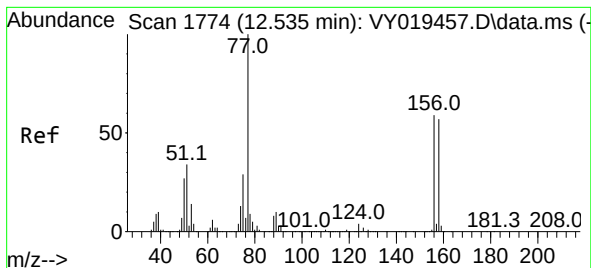
Tgt Ion: 75 Resp: 89352

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.247 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019577.D

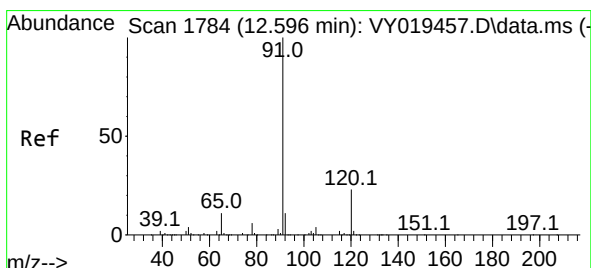
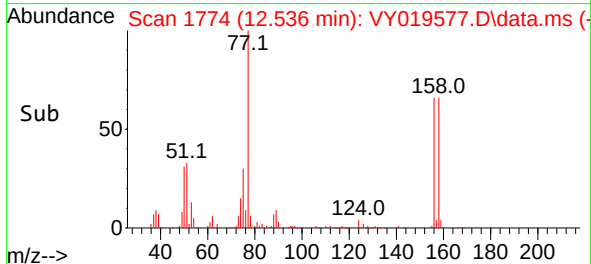
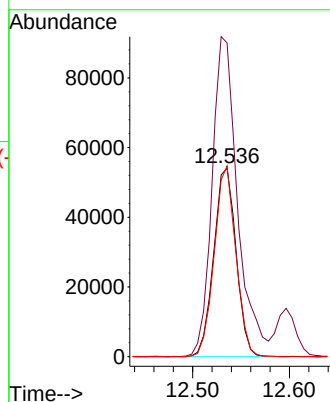
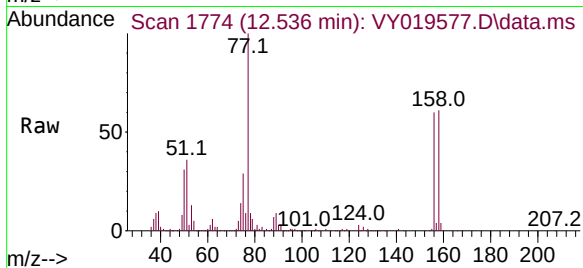
Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	86752
Ion Ratio	Lower	Upper	
156	100		
77	193.4	87.1	261.3
158	97.5	48.6	145.9



#78

n-propylbenzene

Concen: 21.154 ug/l

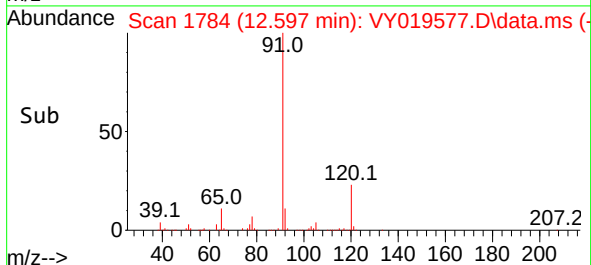
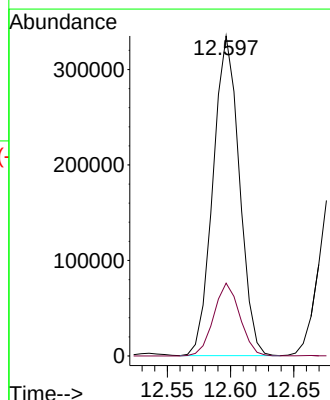
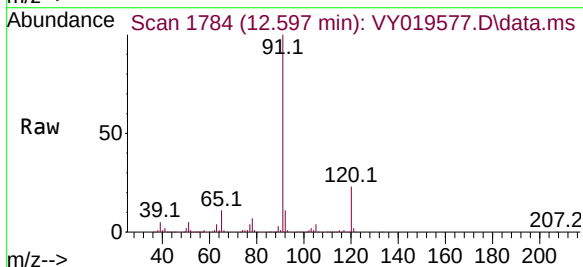
RT: 12.597 min Scan# 1784

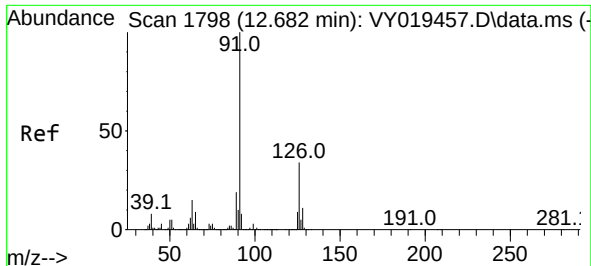
Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Tgt Ion:	91	Resp:	484376
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4

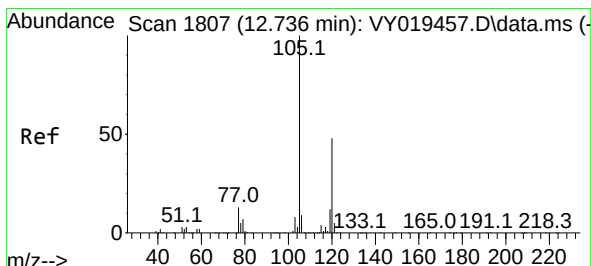
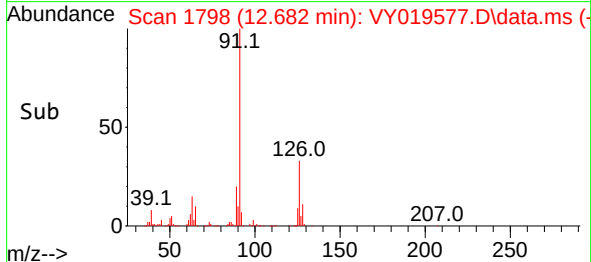
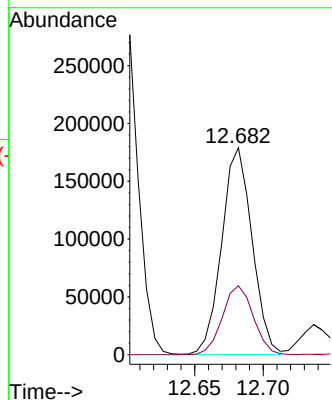
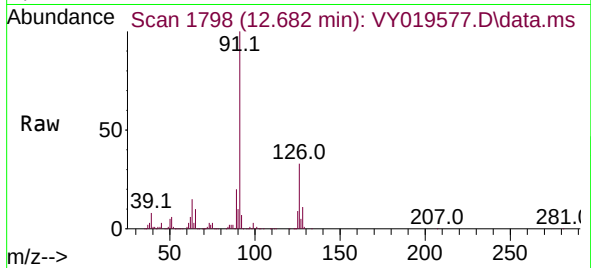




#79
2-Chlorotoluene
Concen: 20.669 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

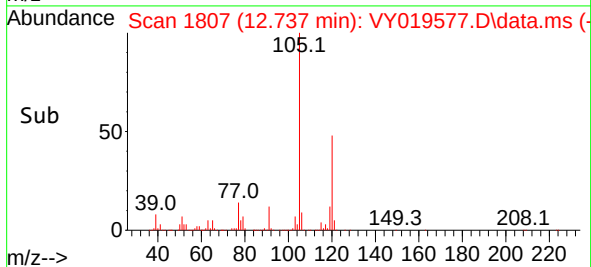
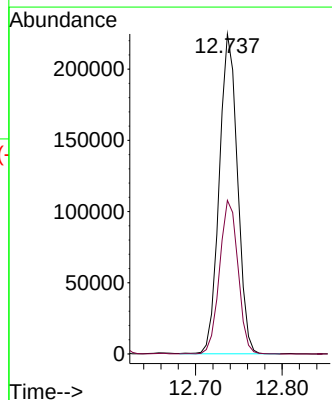
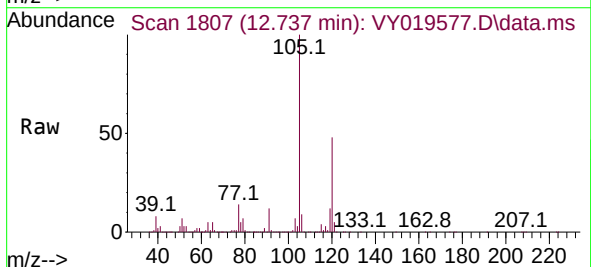
Instrument :
MSVOA_Y
ClientSampleId :

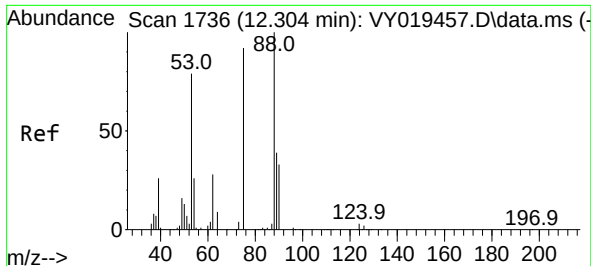
Tgt Ion: 91 Resp: 275809
Ion Ratio Lower Upper
91 100
126 33.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.850 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 105 Resp: 327451
Ion Ratio Lower Upper
105 100
120 48.7 25.1 75.2

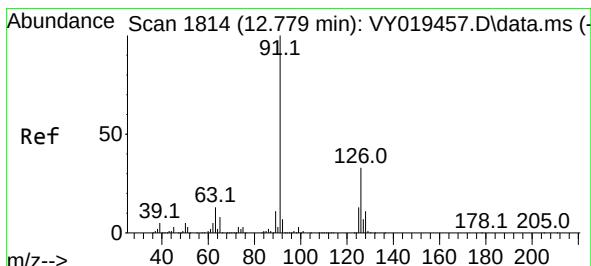
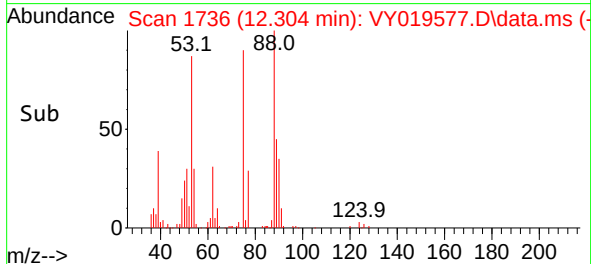
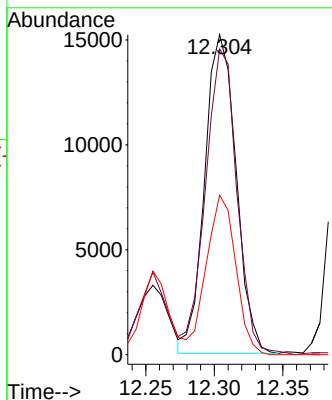
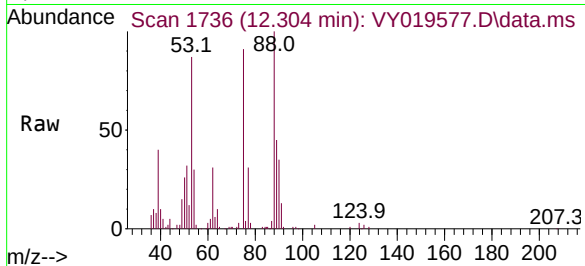




#81
trans-1,4-Dichloro-2-butene
Concen: 18.618 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

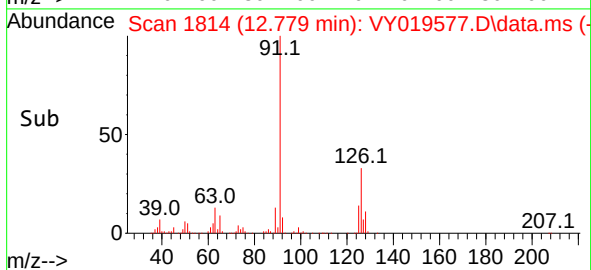
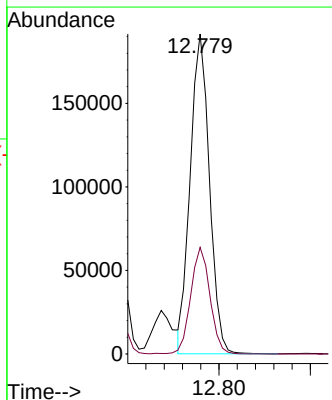
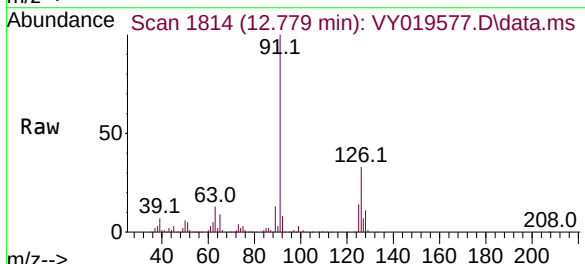
Instrument :
MSVOA_Y
ClientSampleId :

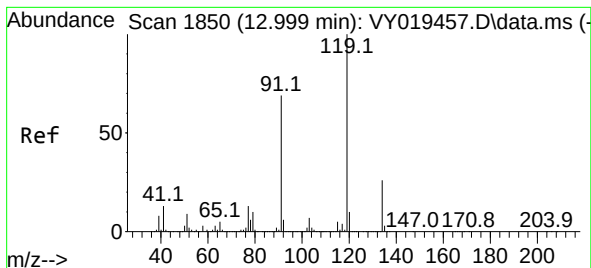
Tgt Ion:	75	Resp:	24207
Ion	Ratio	Lower	Upper
75	100		
53	96.5	66.8	100.2
89	46.7	35.8	53.6



#82
4-Chlorotoluene
Concen: 20.421 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion:	91	Resp:	280148
Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.6	52.9





#83

tert-Butylbenzene

Concen: 21.241 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

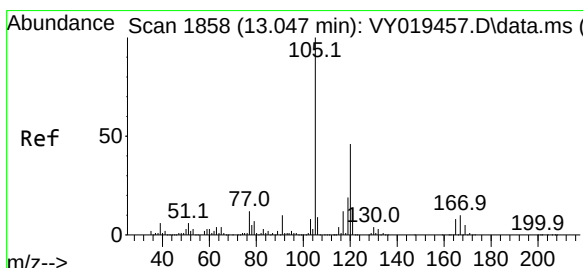
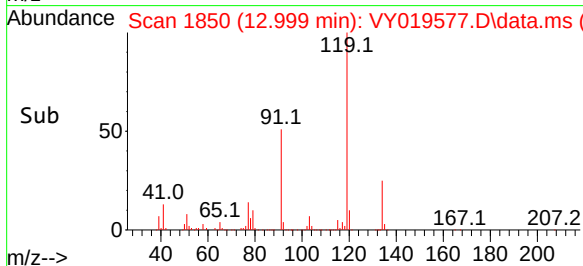
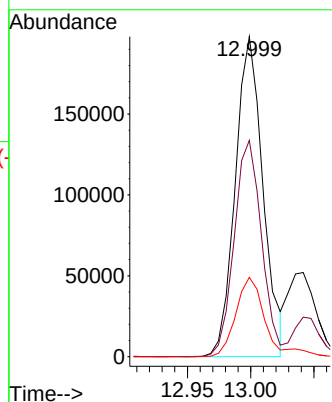
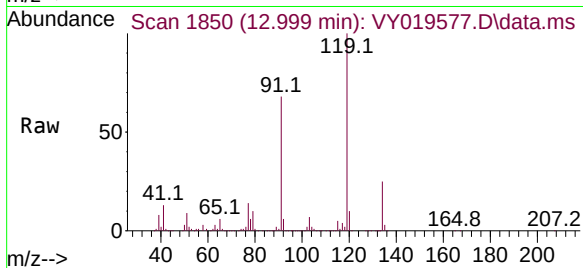
Tgt Ion:119 Resp: 302001

Ion Ratio Lower Upper

119 100

91 66.6 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.814 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019577.D

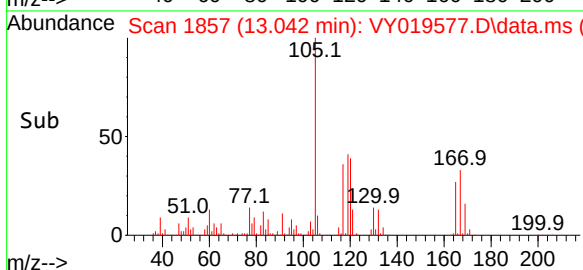
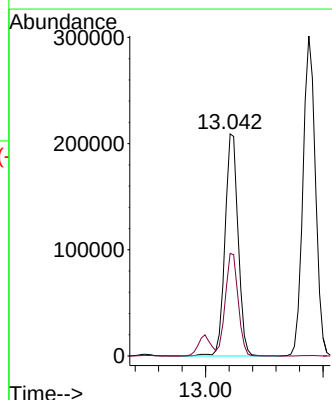
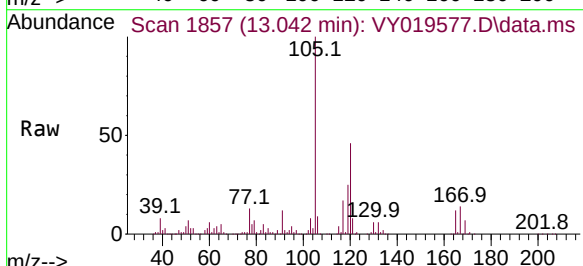
Acq: 17 Sep 2024 11:53

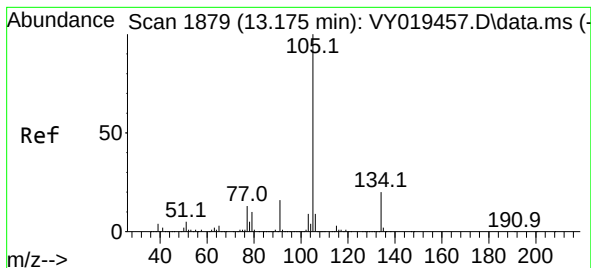
Tgt Ion:105 Resp: 323581

Ion Ratio Lower Upper

105 100

120 45.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.411 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

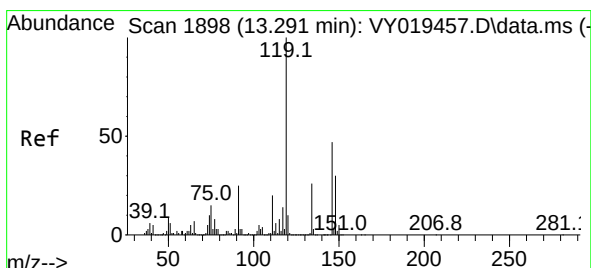
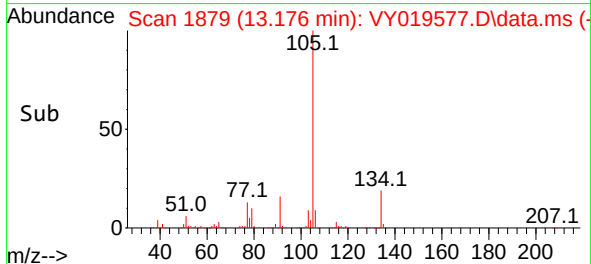
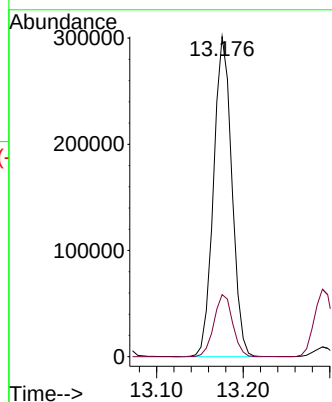
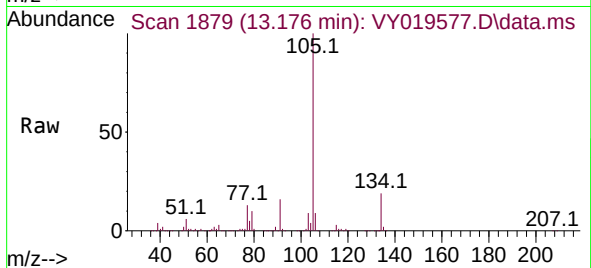
ClientSampleId :

Tgt Ion:105 Resp: 442231

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.461 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

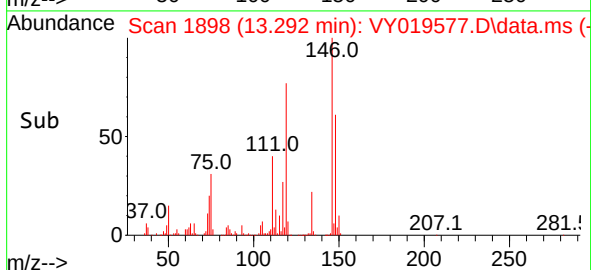
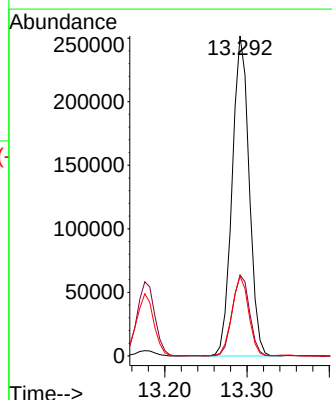
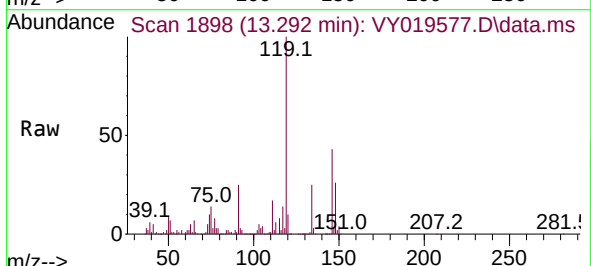
Tgt Ion:119 Resp: 362675

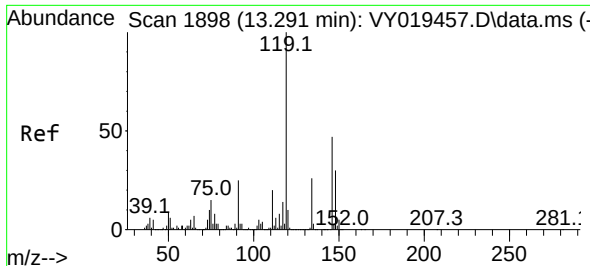
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 24.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.547 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

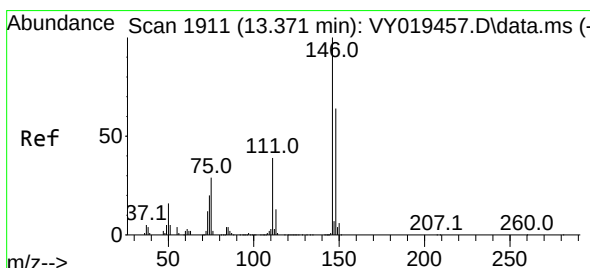
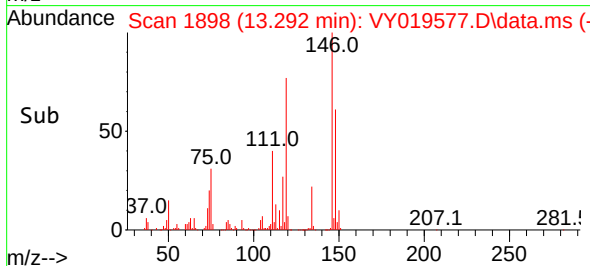
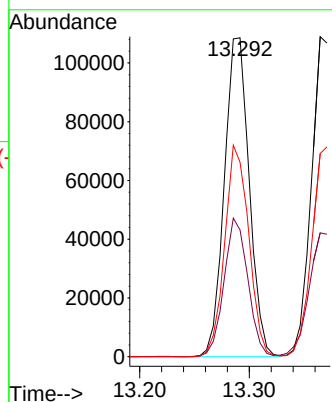
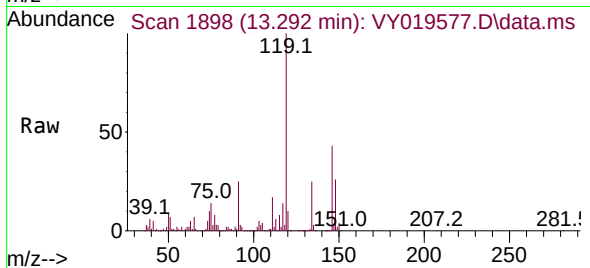
Tgt Ion:146 Resp: 171065

Ion Ratio Lower Upper

146 100

111 41.6 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.620 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

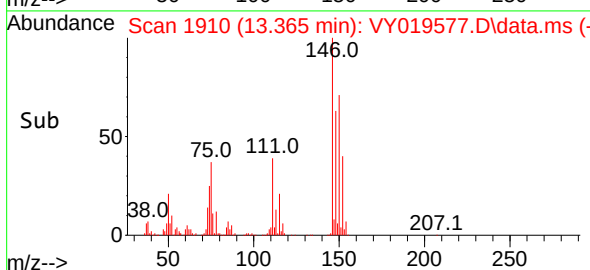
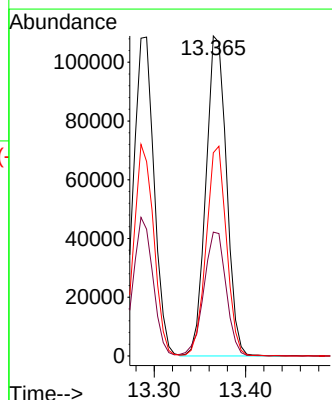
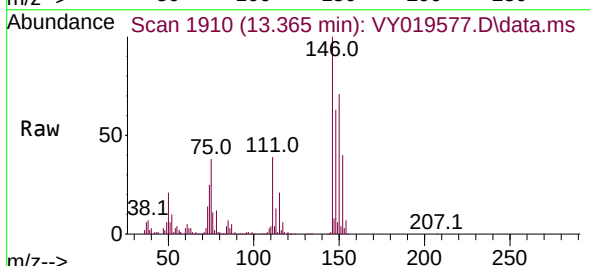
Tgt Ion:146 Resp: 170370

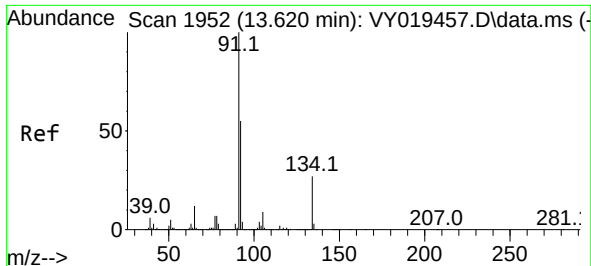
Ion Ratio Lower Upper

146 100

111 41.7 18.4 55.4

148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 21.488 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

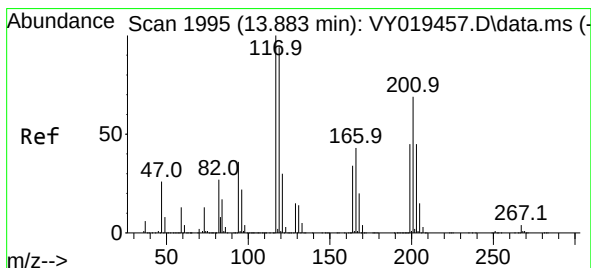
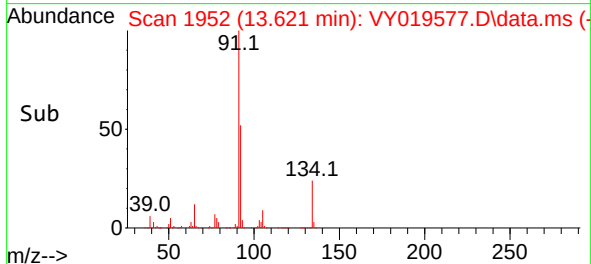
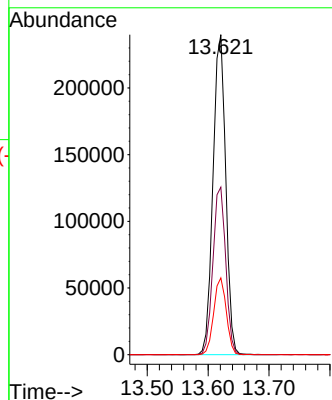
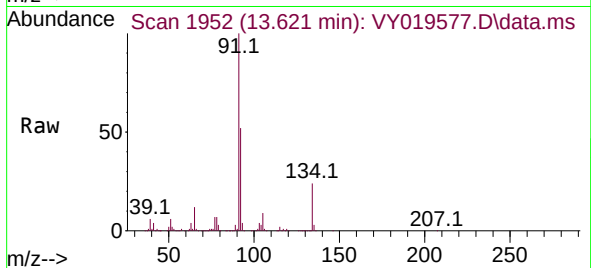
Tgt Ion: 91 Resp: 347147

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 23.8 12.9 38.7



#90

Hexachloroethane

Concen: 21.061 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019577.D

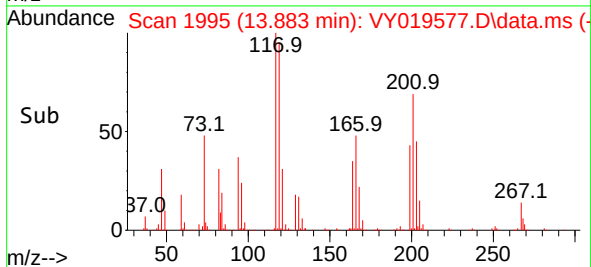
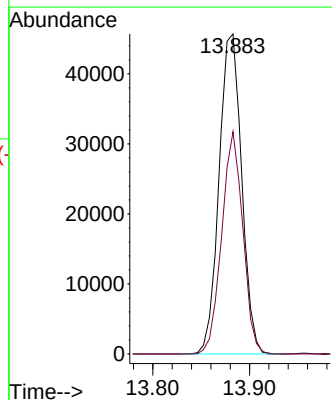
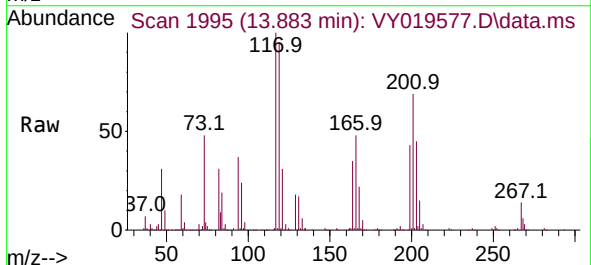
Acq: 17 Sep 2024 11:53

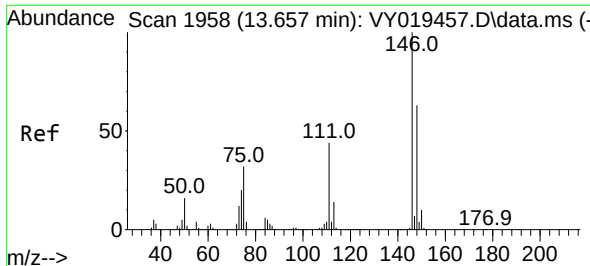
Tgt Ion: 117 Resp: 74054

Ion Ratio Lower Upper

117 100

201 64.7 37.4 112.2

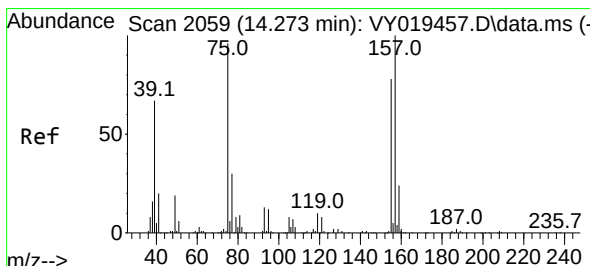
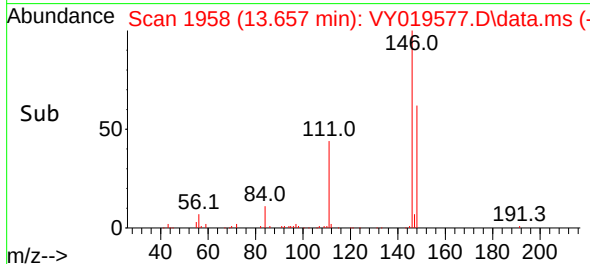
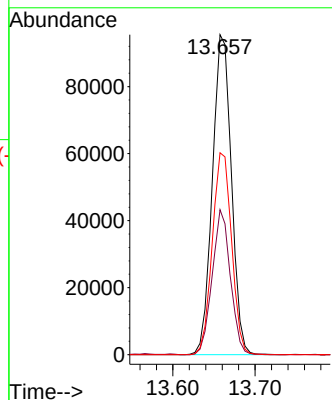
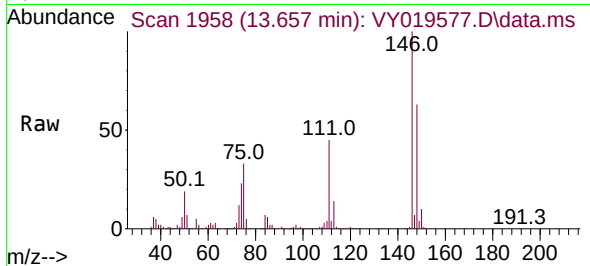




#91
1,2-Dichlorobenzene
Concen: 20.616 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

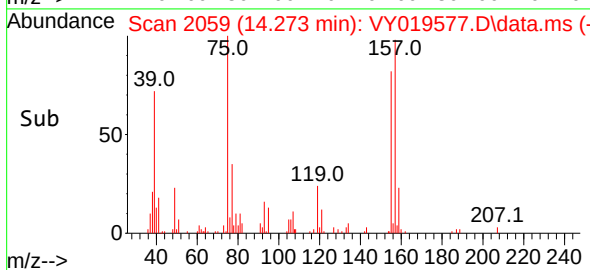
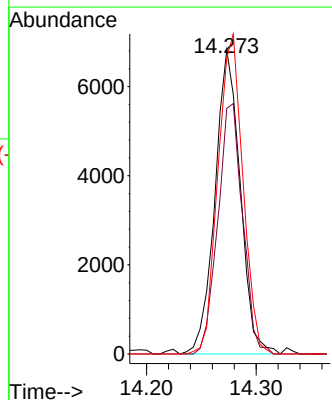
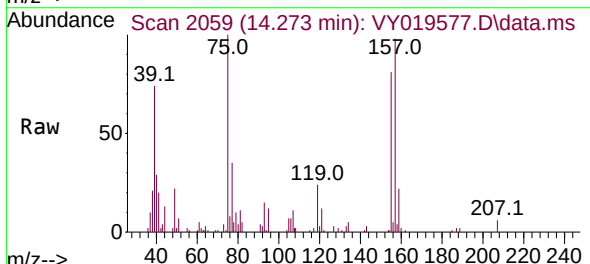
Instrument :
MSVOA_Y
ClientSampleId :

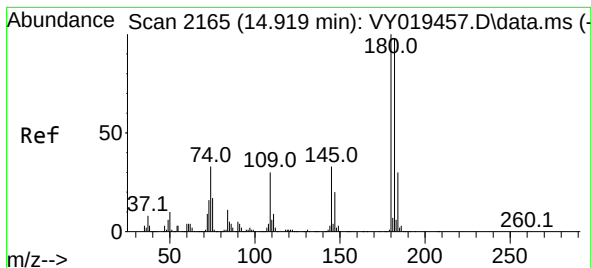
Tgt Ion:146 Resp: 153164
Ion Ratio Lower Upper
146 100
111 43.4 19.9 59.7
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.124 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019577.D
Acq: 17 Sep 2024 11:53

Tgt Ion: 75 Resp: 10929
Ion Ratio Lower Upper
75 100
155 80.7 48.6 145.8
157 103.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.509 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

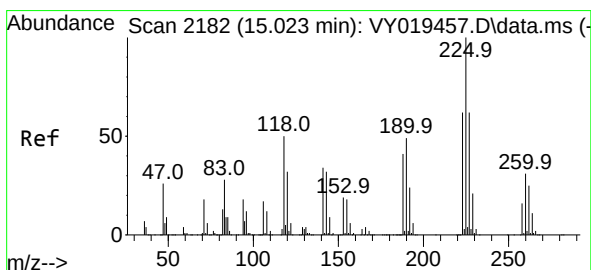
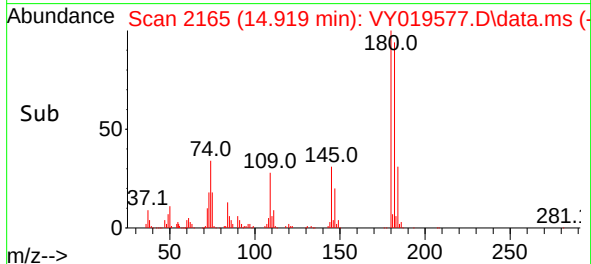
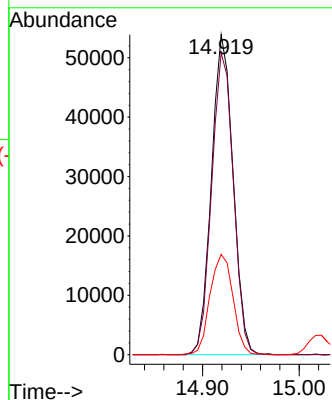
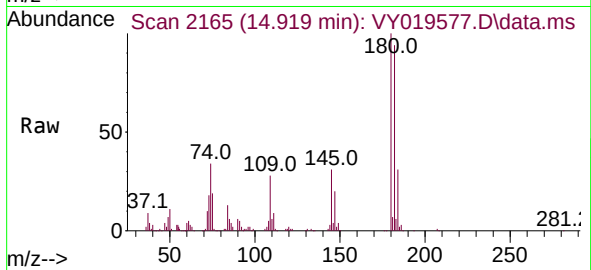
Tgt Ion:180 Resp: 83636

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 33.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.940 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

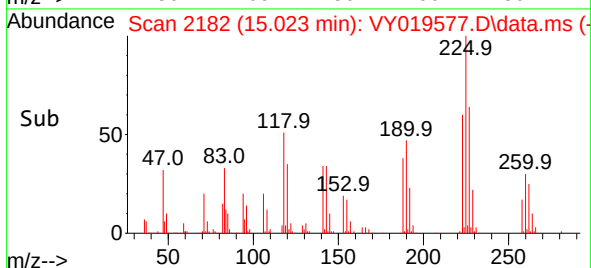
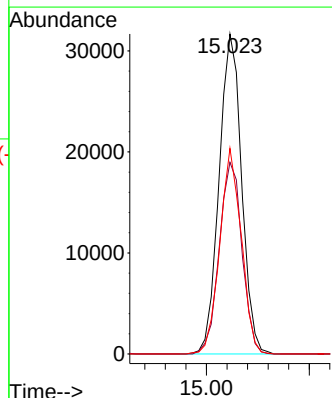
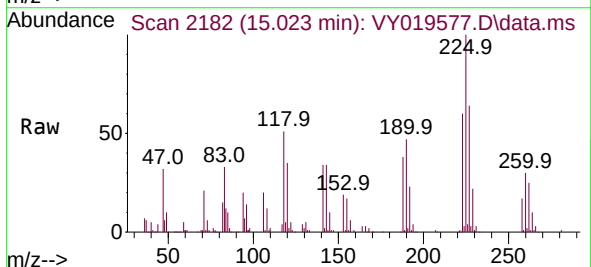
Tgt Ion:225 Resp: 48135

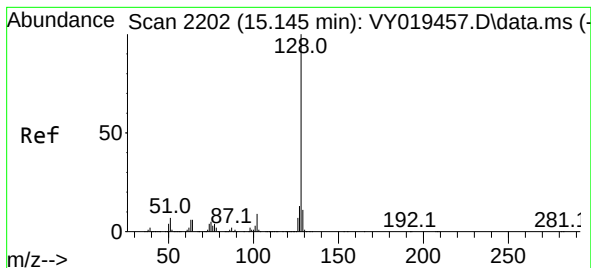
Ion Ratio Lower Upper

225 100

223 60.5 30.4 91.2

227 61.3 31.9 95.9





#95

Naphthalene

Concen: 17.395 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

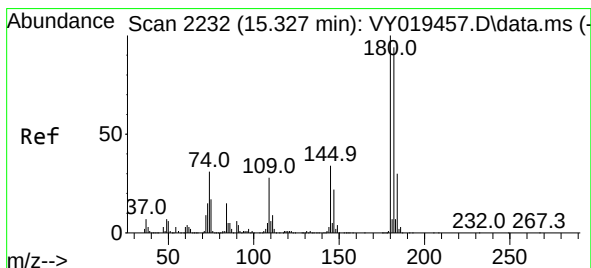
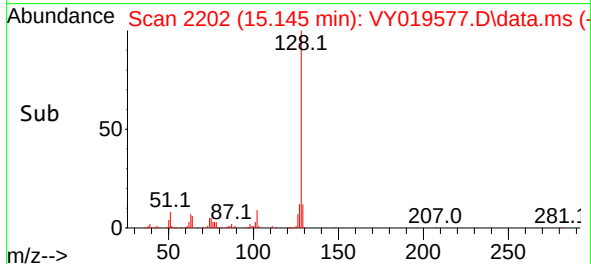
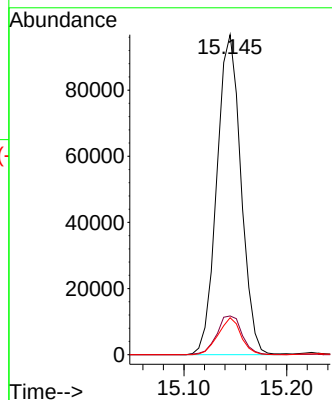
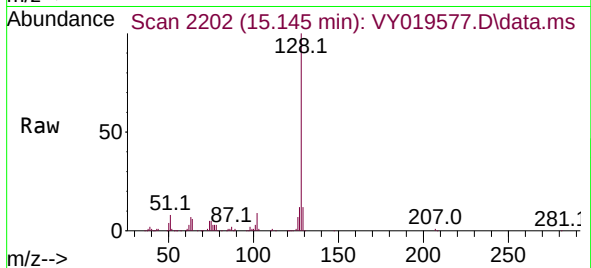
Tgt Ion:128 Resp: 157403

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.153 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019577.D

Acq: 17 Sep 2024 11:53

Tgt Ion:180 Resp: 70161

Ion Ratio Lower Upper

180 100

182 93.5 47.6 142.9

145 34.1 15.4 46.1

