

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019867.D
 Acq On : 11 Oct 2024 12:42
 Operator : SY/MD
 Sample : P4368-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:45:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	322282	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	574420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	484569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	216698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	209433	52.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.560%	
35) Dibromofluoromethane	7.634	113	195426	51.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.120%	
50) Toluene-d8	10.103	98	724072	51.727	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.402	95	244063	48.254	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.500%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	13157	4.385	ug/l	99
3) Chloromethane	2.068	50	21397	5.480	ug/l	97
4) Vinyl Chloride	2.202	62	22420	5.218	ug/l	100
5) Bromomethane	2.598	94	15213	5.593	ug/l	92
6) Chloroethane	2.733	64	14502	5.024	ug/l	97
7) Trichlorofluoromethane	3.062	101	28587	4.471	ug/l	96
8) Diethyl Ether	3.458	74	9102	4.684	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.818	101	16396	4.409	ug/l	94
10) Methyl Iodide	4.013	142	16589	4.410	ug/l	# 88
11) Tert butyl alcohol	4.836	59	6352	17.086	ug/l	# 88
12) 1,1-Dichloroethene	3.787	96	15737	4.552	ug/l	84
13) Acrolein	3.653	56	10351	35.499	ug/l	97
14) Allyl chloride	4.385	41	29050	4.657	ug/l	# 90
15) Acrylonitrile	5.061	53	20325	22.867	ug/l	96
16) Acetone	3.873	43	19511	18.888	ug/l	# 86
17) Carbon Disulfide	4.110	76	48523	5.236	ug/l	98
18) Methyl Acetate	4.391	43	12933	5.812	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	42087	4.237	ug/l	95
20) Methylene Chloride	4.622	84	26145	6.143	ug/l	# 79
21) trans-1,2-Dichloroethene	5.122	96	17829	4.738	ug/l	96
22) Diisopropyl ether	6.025	45	62061	4.567	ug/l	# 86
23) Vinyl Acetate	5.964	43	212193	27.240	ug/l	# 88
24) 1,1-Dichloroethane	5.915	63	34495	4.567	ug/l	96
25) 2-Butanone	6.896	43	28469	20.589	ug/l	# 82
26) 2,2-Dichloropropane	6.890	77	30662	4.558	ug/l	93
27) cis-1,2-Dichloroethene	6.890	96	20834	4.480	ug/l	78
28) Bromochloromethane	7.244	49	17481	5.258	ug/l	# 77
29) Tetrahydrofuran	7.274	42	18942	23.993	ug/l	# 80
30) Chloroform	7.415	83	35107	4.560	ug/l	96
31) Cyclohexane	7.701	56	36061	5.439	ug/l	# 87
32) 1,1,1-Trichloroethane	7.622	97	28976	4.294	ug/l	# 94
36) 1,1-Dichloropropene	7.835	75	24288	4.448	ug/l	100
37) Ethyl Acetate	6.988	43	12209	4.288	ug/l	# 91
38) Carbon Tetrachloride	7.817	117	24204	4.134	ug/l	98
39) Methylcyclohexane	9.109	83	29480	4.284	ug/l	# 85
40) Benzene	8.079	78	75566	4.572	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	5655	3.669	ug/l #	88
42) 1,2-Dichloroethane	8.164	62	22179	4.671	ug/l	92
43) Isopropyl Acetate	8.195	43	24306	4.185	ug/l #	79
44) Trichloroethene	8.866	130	18218	4.551	ug/l	100
45) 1,2-Dichloropropane	9.146	63	19179	4.636	ug/l	95
46) Dibromomethane	9.231	93	10062	4.452	ug/l	87
47) Bromodichloromethane	9.420	83	24559	4.094	ug/l #	96
48) Methyl methacrylate	9.225	41	11256	4.406	ug/l #	80
49) 1,4-Dioxane	9.237	88	2098	82.940	ug/l #	71
51) 4-Methyl-2-Pentanone	9.999	43	61873	20.888	ug/l	89
52) Toluene	10.170	92	48180	4.670	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	20725	3.840	ug/l #	87
54) cis-1,3-Dichloropropene	9.859	75	26297	4.129	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	13135	4.411	ug/l #	86
56) Ethyl methacrylate	10.438	69	17283	4.045	ug/l #	71
57) 1,3-Dichloropropane	10.713	76	22118	4.230	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.713	63	45108	22.678	ug/l	90
59) 2-Hexanone	10.762	43	41961	19.834	ug/l	81
60) Dibromochloromethane	10.908	129	15727	4.115	ug/l	92
61) 1,2-Dibromoethane	11.018	107	11751	4.367	ug/l	98
64) Tetrachloroethene	10.646	164	14688	4.262	ug/l	93
65) Chlorobenzene	11.444	112	46706	4.214	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	15016	4.004	ug/l	96
67) Ethyl Benzene	11.518	91	87418	4.342	ug/l	99
68) m/p-Xylenes	11.627	106	63535	8.545	ug/l	91
69) o-Xylene	11.950	106	30456	4.263	ug/l	94
70) Styrene	11.969	104	47505	3.941	ug/l	93
71) Bromoform	12.133	173	7793	3.882	ug/l #	98
73) Isopropylbenzene	12.255	105	79613	4.368	ug/l	98
74) N-amyl acetate	12.072	43	19499	4.039	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.505	83	14999	4.631	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	18296	4.310	ug/l #	100
77) Bromobenzene	12.530	156	17341	4.483	ug/l	86
78) n-propylbenzene	12.597	91	97843	4.443	ug/l	97
79) 2-Chlorotoluene	12.676	91	55708	4.412	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	63237	4.296	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.402	75	139798	132.925	ug/l #	16
82) 4-Chlorotoluene	12.773	91	57069	4.420	ug/l	95
83) tert-Butylbenzene	12.993	119	56330	4.272	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	62487	4.282	ug/l	97
85) sec-Butylbenzene	13.176	105	82088	4.166	ug/l	98
86) p-Isopropyltoluene	13.285	119	65277	4.080	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	33287	4.262	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	33399	4.352	ug/l	91
89) n-Butylbenzene	13.615	91	62972	4.031	ug/l	97
90) Hexachloroethane	13.877	117	12704	4.078	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	28598	4.167	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2154	4.167	ug/l	69
93) 1,2,4-Trichlorobenzene	14.919	180	15015	3.902	ug/l	97
94) Hexachlorobutadiene	15.023	225	8203	3.834	ug/l	94
95) Naphthalene	15.139	128	25000	3.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	11452	3.520	ug/l	92

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Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

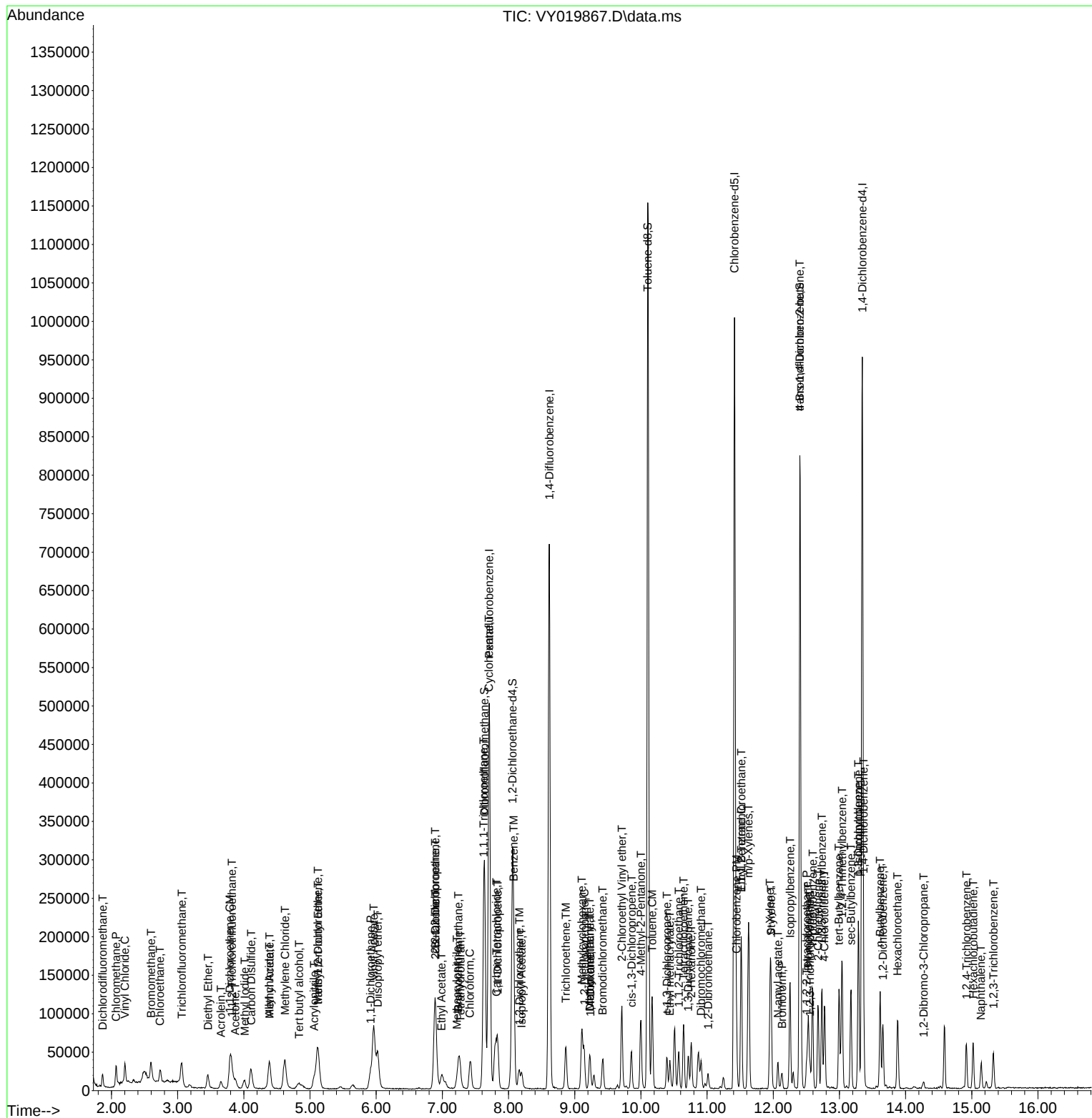
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010124\
 Data File : VY019867.D
 Acq On : 11 Oct 2024 12:42
 Operator : SY/MD
 Sample : P4368-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:45:38 2024
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 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

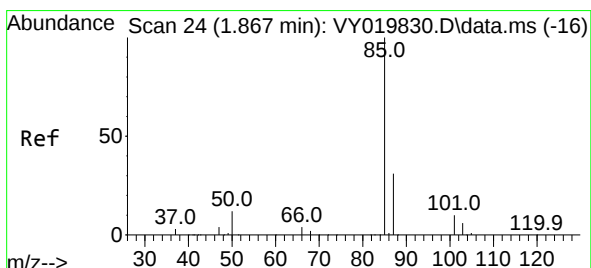
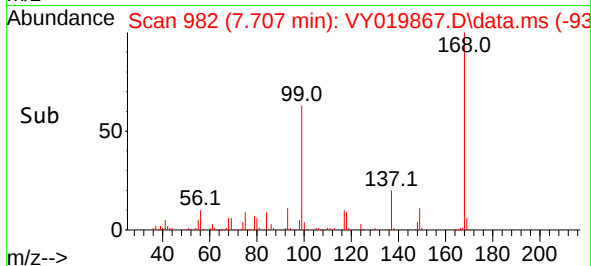
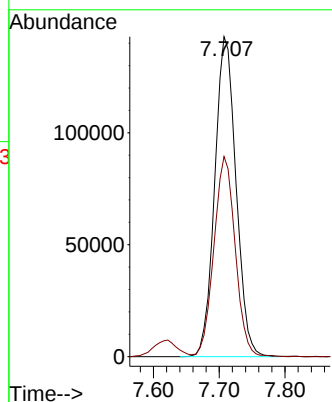
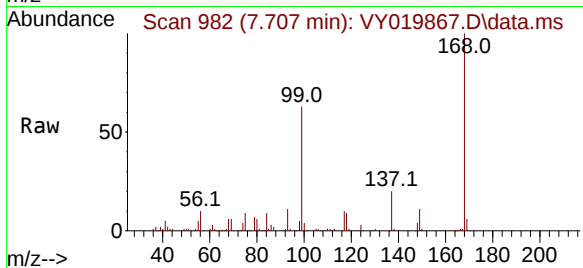




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019867.D
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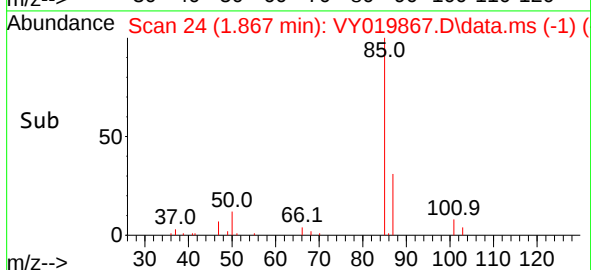
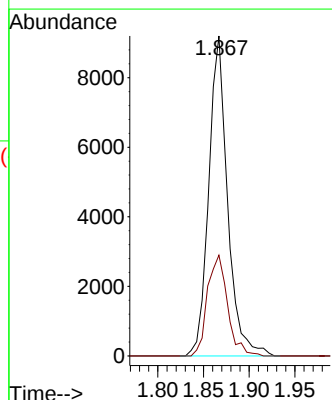
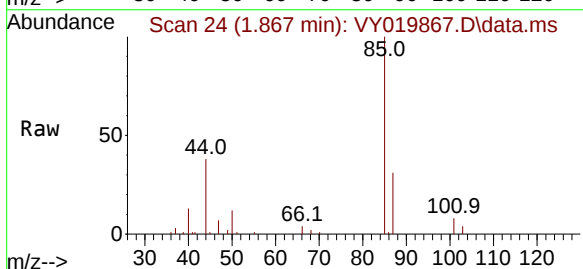
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 322282
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 4.385 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 85 Resp: 13157
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

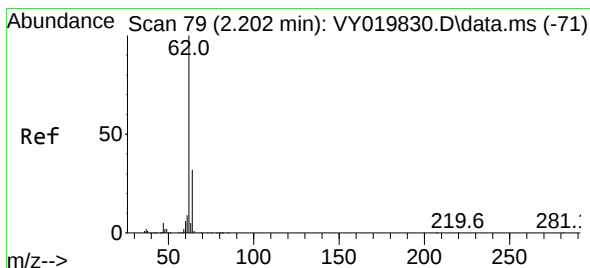
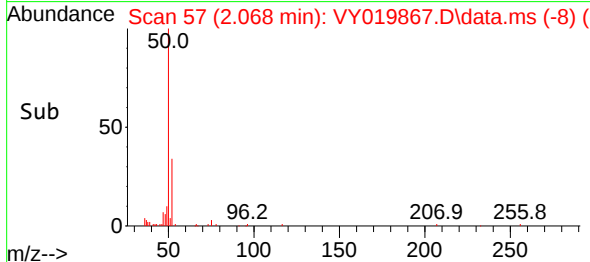
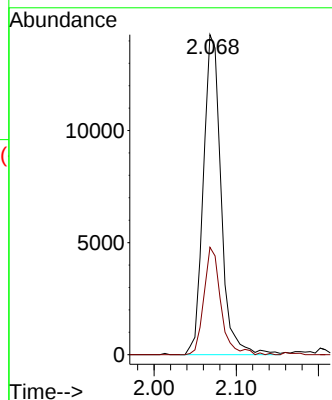
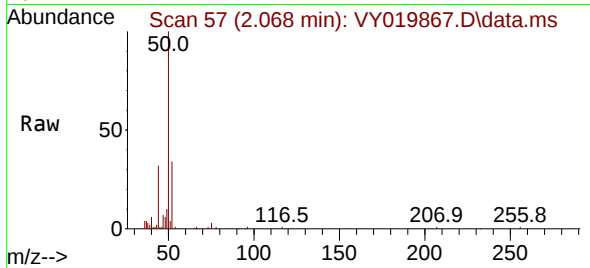




#3
Chloromethane
Concen: 5.480 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

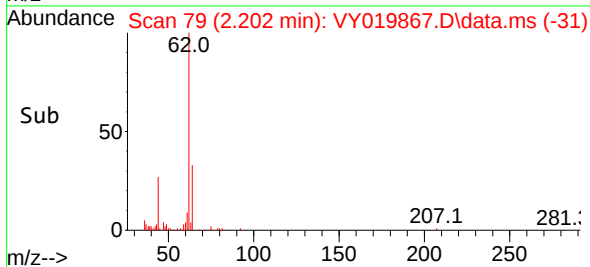
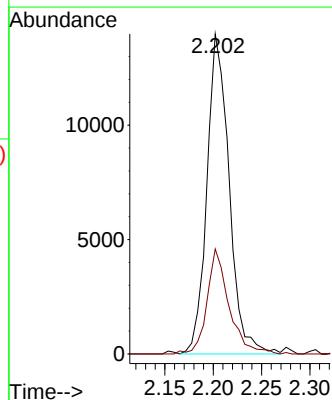
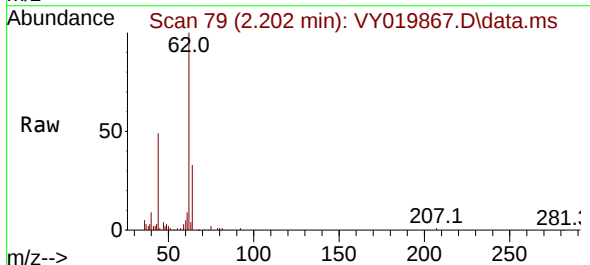
Instrument :
MSVOA_Y
ClientSampleId :

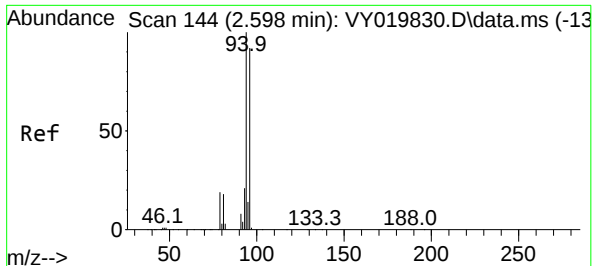
Tgt Ion: 50 Resp: 21397
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 5.218 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 62 Resp: 22420
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1

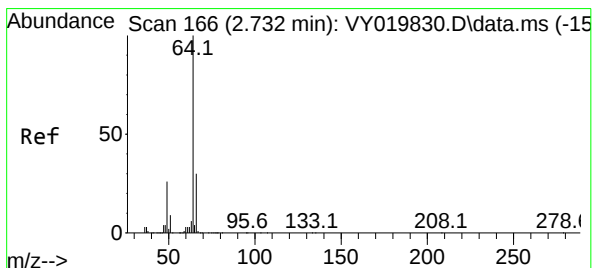
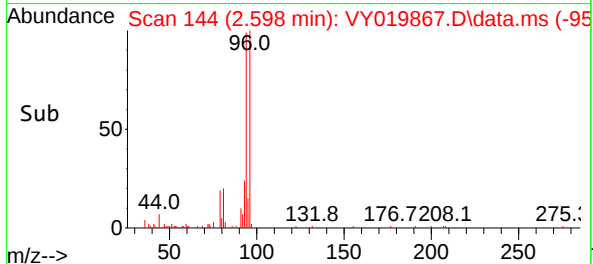
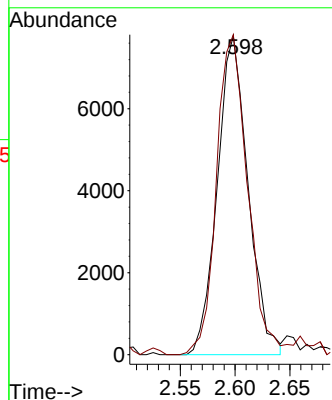
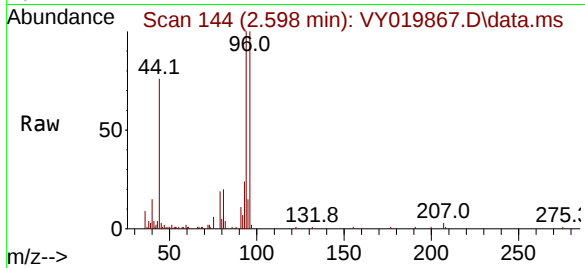




#5
Bromomethane
Concen: 5.593 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

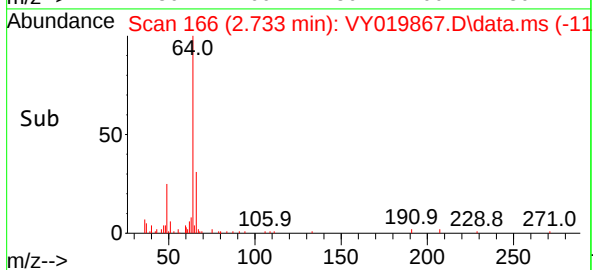
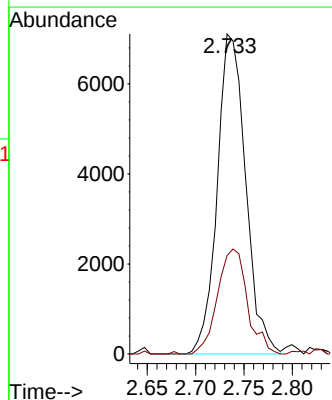
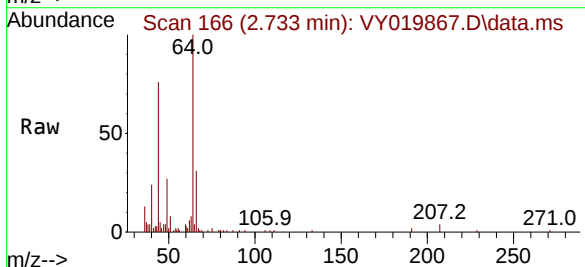
Instrument :
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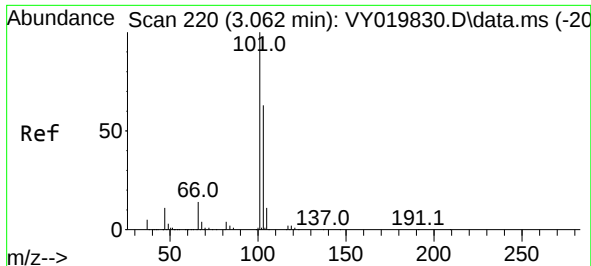
Tgt Ion: 94 Resp: 15213
Ion Ratio Lower Upper
94 100
96 100.4 74.1 111.1



#6
Chloroethane
Concen: 5.024 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 64 Resp: 14502
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1

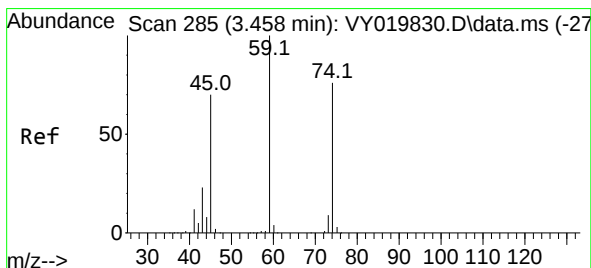
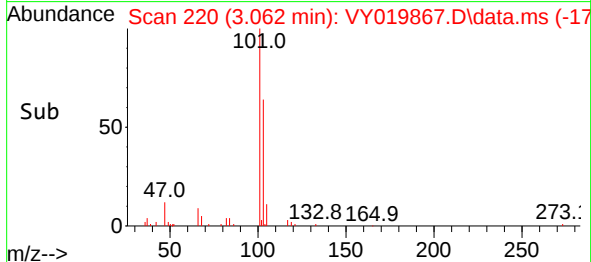
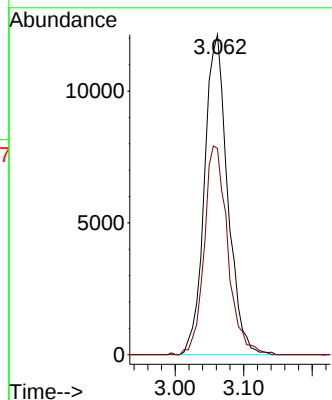
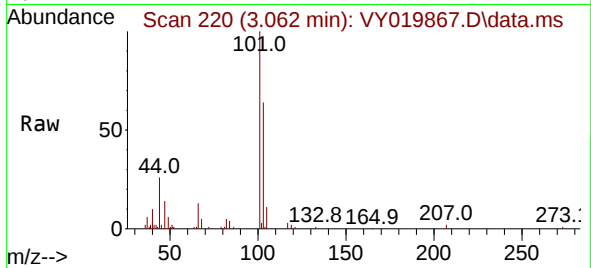




#7
 Trichlorofluoromethane
 Concen: 4.471 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

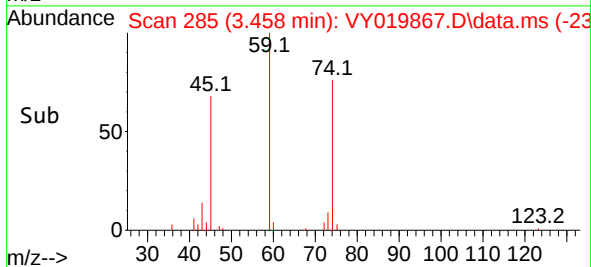
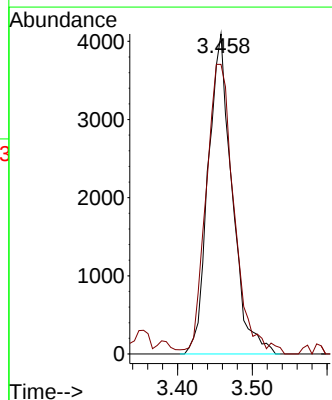
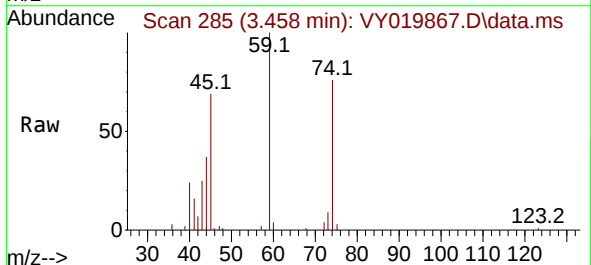
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 28587
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 4.684 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

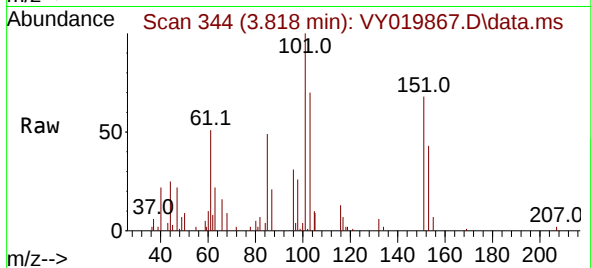
Tgt Ion: 74 Resp: 9102
 Ion Ratio Lower Upper
 74 100
 45 105.9 41.3 124.1



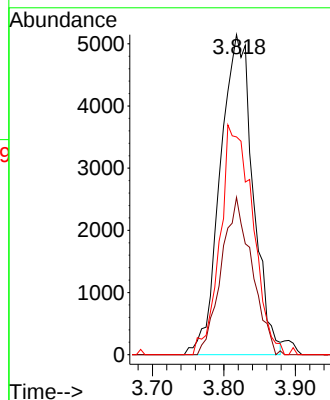
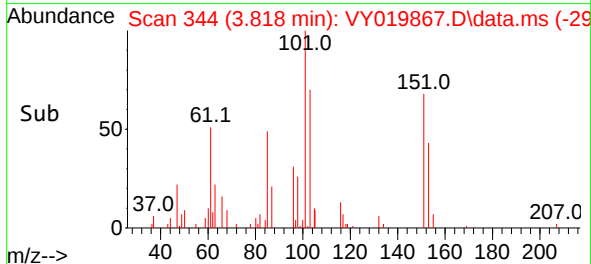


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.409 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY019867.D
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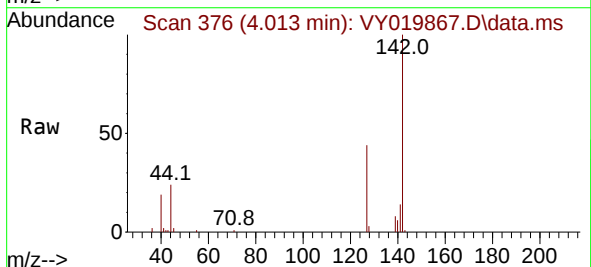
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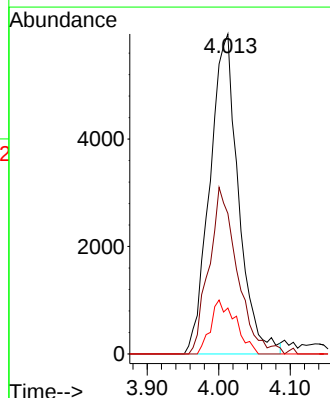
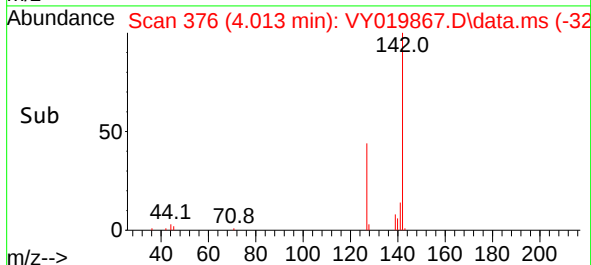
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Ion Ratio Lower Upper
101 100
85 45.7 34.5 51.7
151 71.4 61.7 92.5

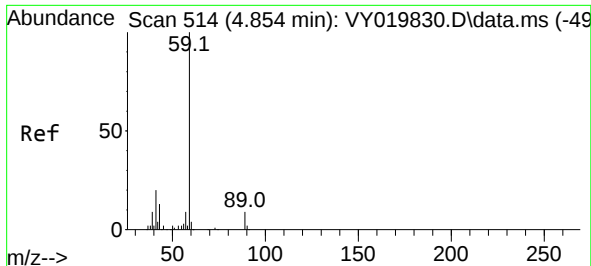


#10
Methyl Iodide
Concen: 4.410 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42



Tgt Ion:142 Resp: 16589
Ion Ratio Lower Upper
142 100
127 51.3 32.8 49.2#
141 14.7 11.4 17.2

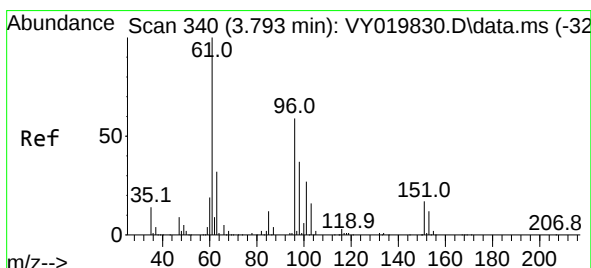
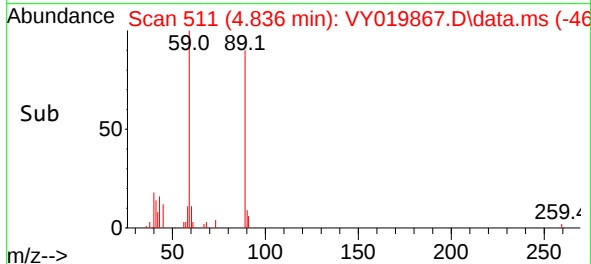
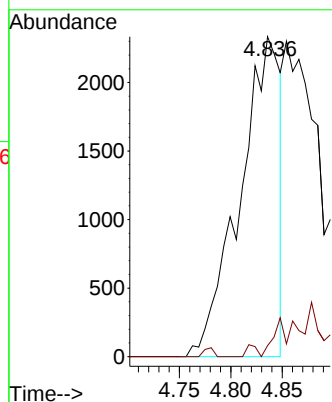
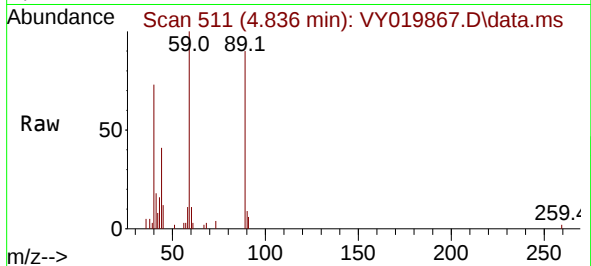




#11
Tert butyl alcohol
Concen: 17.086 ug/l
RT: 4.836 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

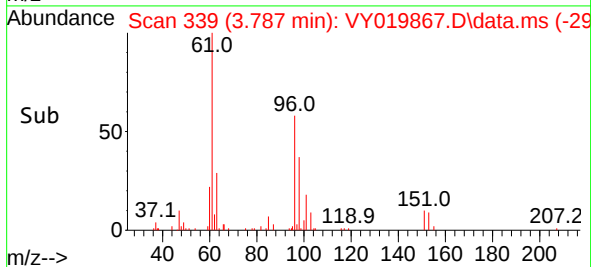
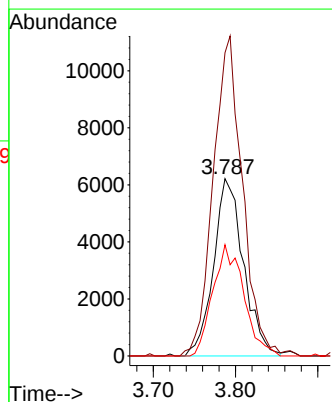
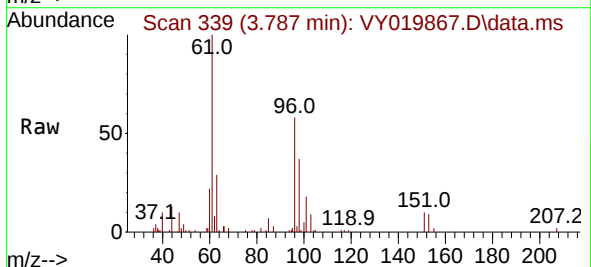
Instrument :
MSVOA_Y
ClientSampleId :

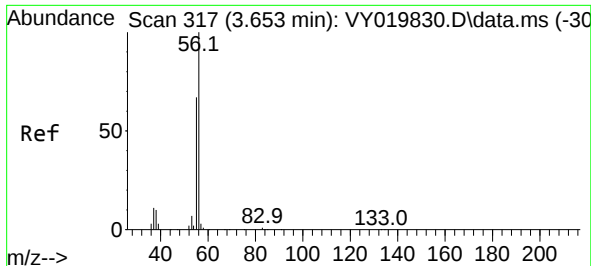
Tgt Ion: 59 Resp: 6352
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 4.552 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 96 Resp: 15737
Ion Ratio Lower Upper
96 100
61 171.0 114.6 171.8
98 62.7 50.8 76.2





#13

Acrolein

Concen: 35.499 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

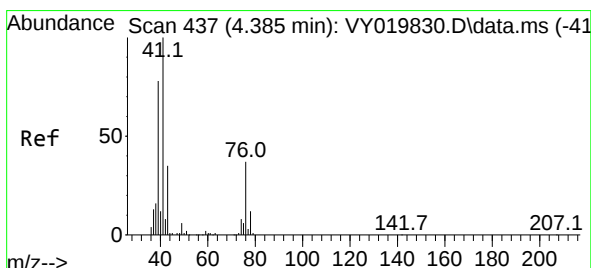
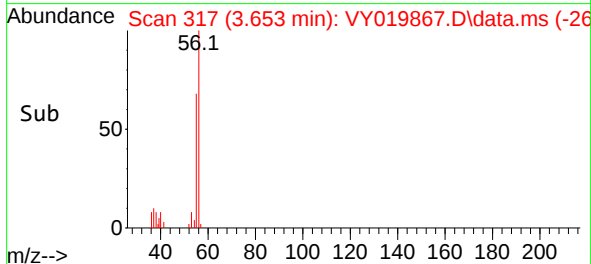
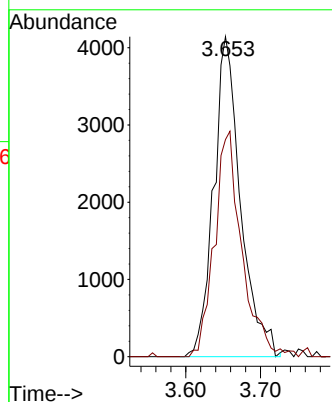
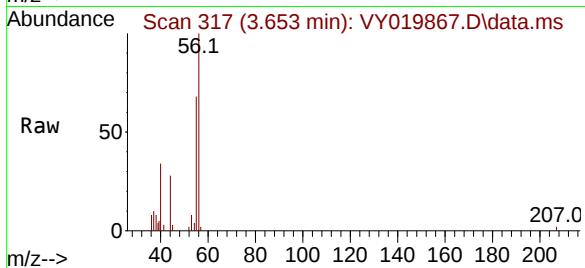
ClientSampleId :

Tgt Ion: 56 Resp: 10351

Ion Ratio Lower Upper

56 100

55 71.9 55.7 83.5



#14

Allyl chloride

Concen: 4.657 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

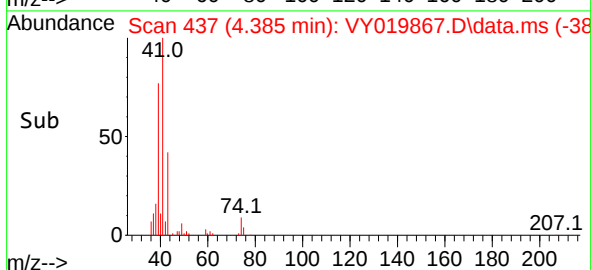
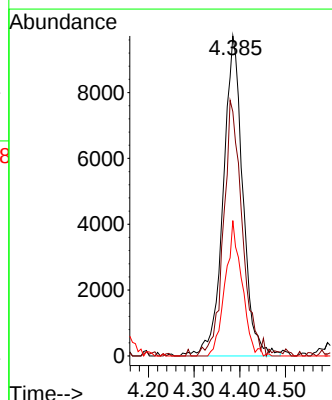
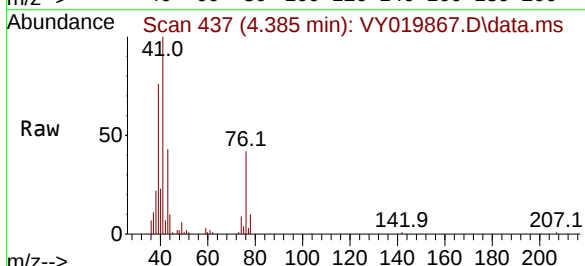
Tgt Ion: 41 Resp: 29050

Ion Ratio Lower Upper

41 100

39 76.0 58.3 87.5

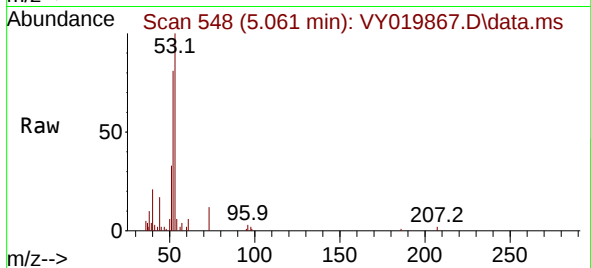
76 36.1 39.0 58.6#



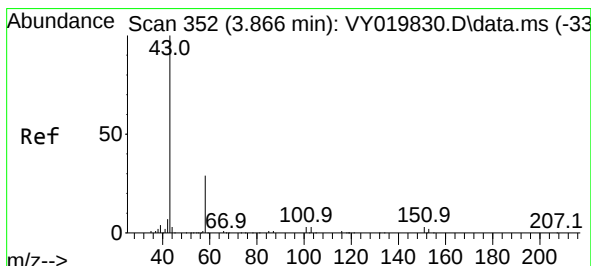
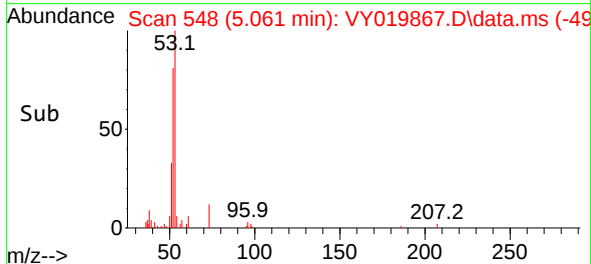
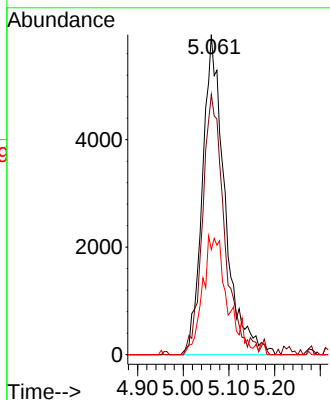


#15
Acrylonitrile
Concen: 22.867 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :

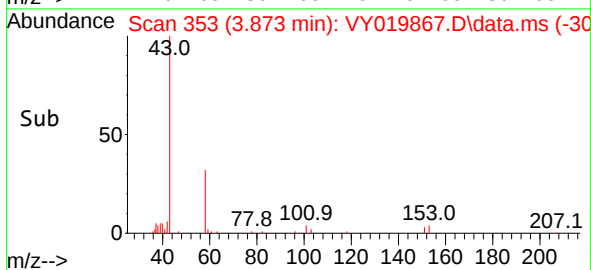
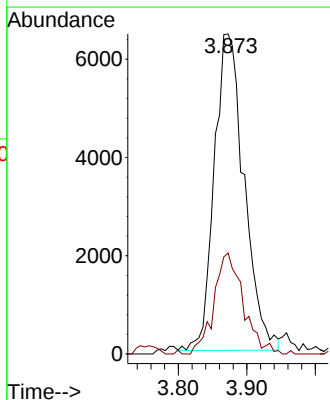
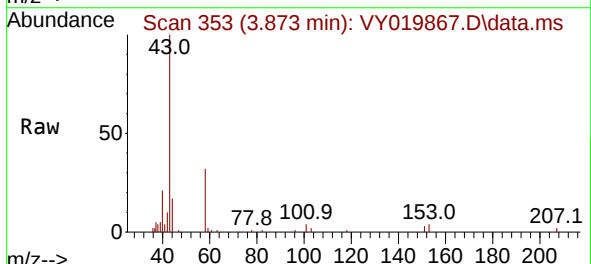


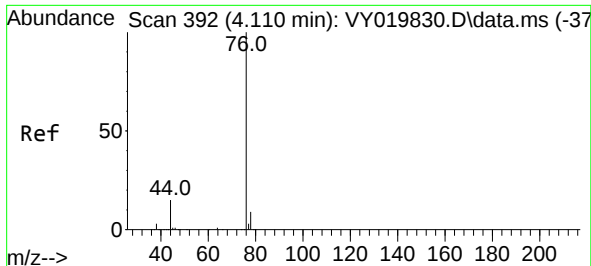
Tgt Ion: 53 Resp: 20325
Ion Ratio Lower Upper
53 100
52 77.5 64.7 97.1
51 38.2 28.4 42.6



#16
Acetone
Concen: 18.888 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 43 Resp: 19511
Ion Ratio Lower Upper
43 100
58 30.8 31.7 47.5#

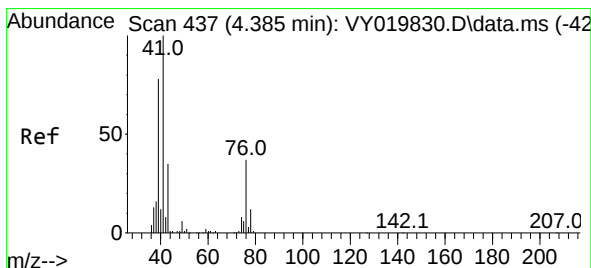
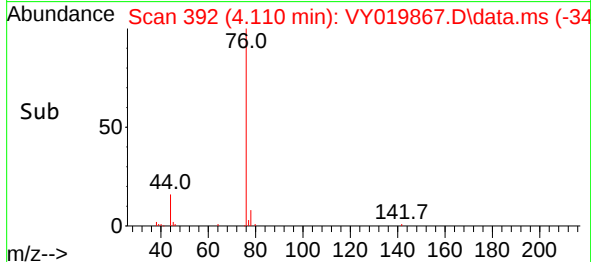
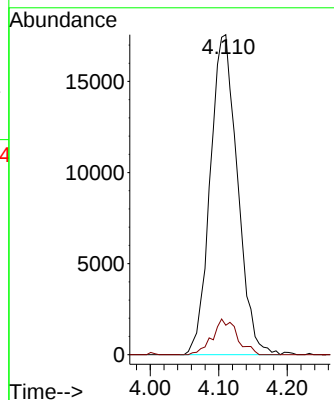
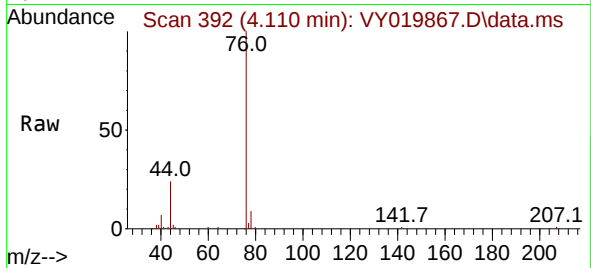




#17
Carbon Disulfide
Concen: 5.236 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

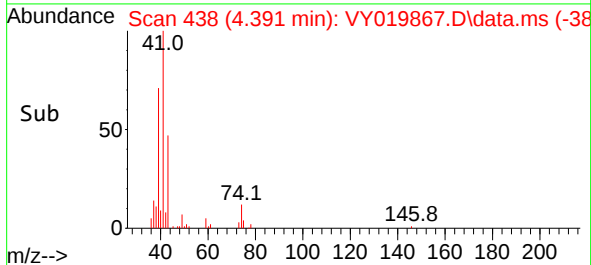
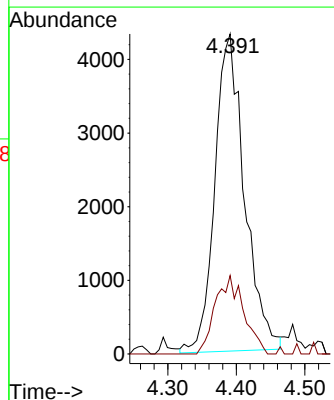
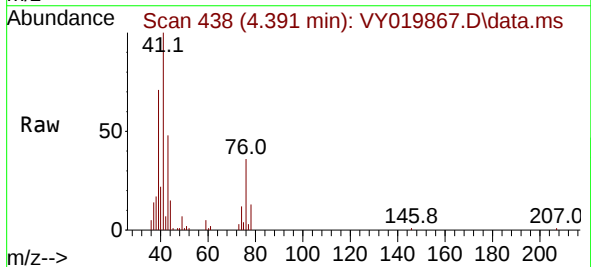
Instrument :
MSVOA_Y
ClientSampleId :

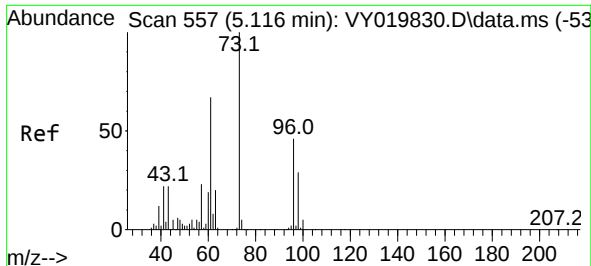
Tgt Ion: 76 Resp: 48523
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 5.812 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 43 Resp: 12933
Ion Ratio Lower Upper
43 100
74 23.8 23.3 34.9

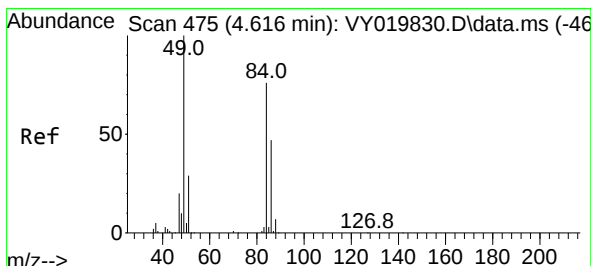
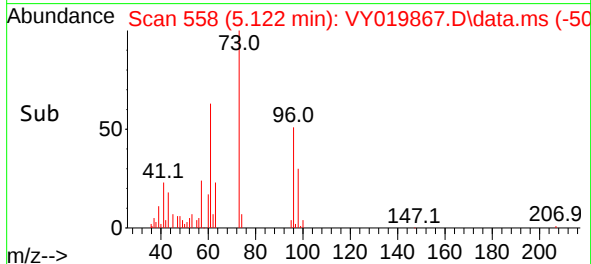
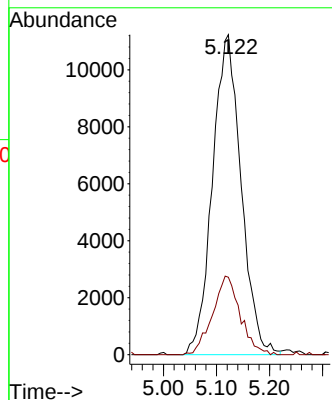
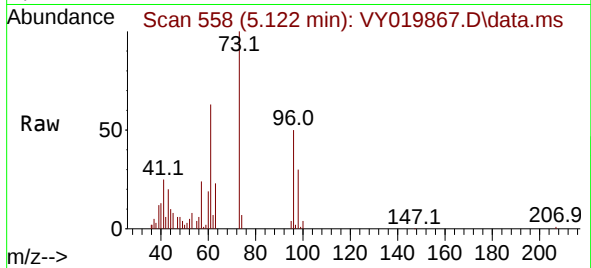




#19
Methyl tert-butyl Ether
Concen: 4.237 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

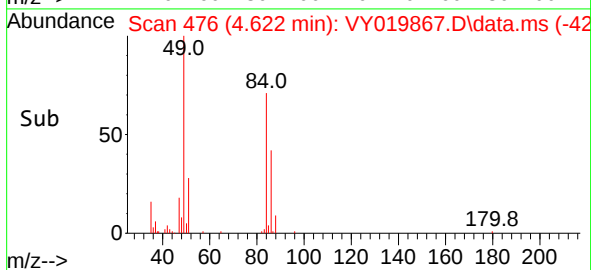
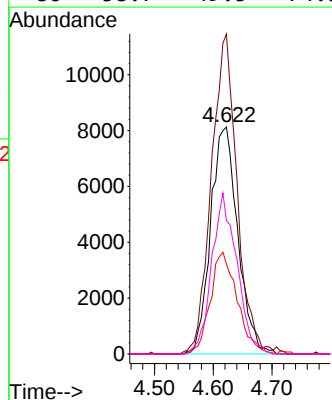
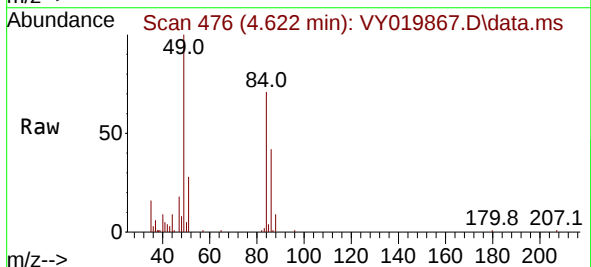
Instrument :
MSVOA_Y
ClientSampleId :

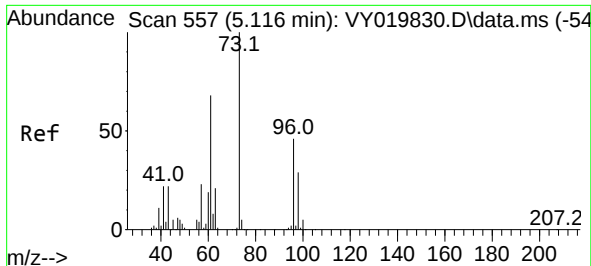
Tgt Ion: 73 Resp: 42087
Ion Ratio Lower Upper
73 100
57 24.2 17.3 25.9



#20
Methylene Chloride
Concen: 6.143 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

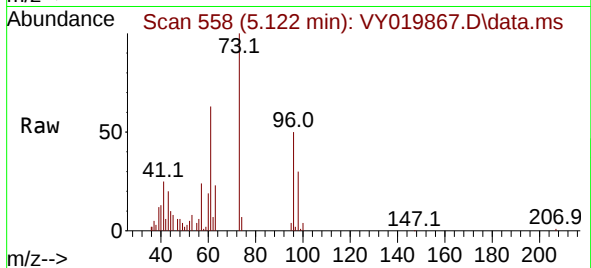
Tgt Ion: 84 Resp: 26145
Ion Ratio Lower Upper
84 100
49 141.0 84.4 126.6#
51 39.6 26.0 39.0#
86 58.7 49.5 74.3



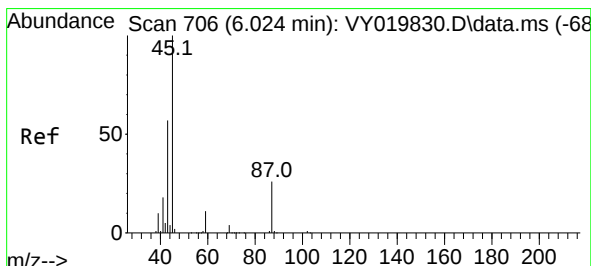
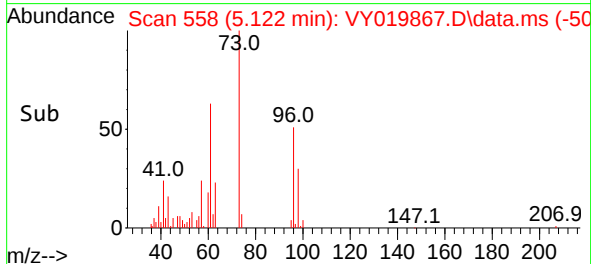
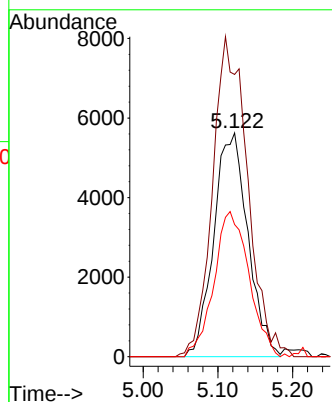


#21
trans-1,2-Dichloroethene
Concen: 4.738 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :

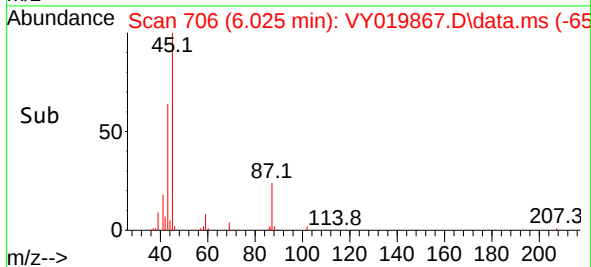
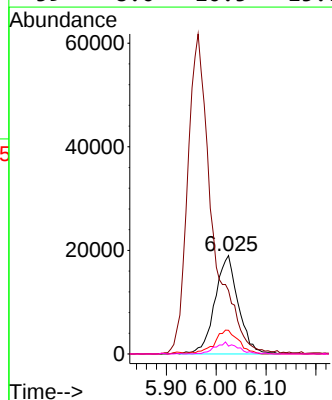
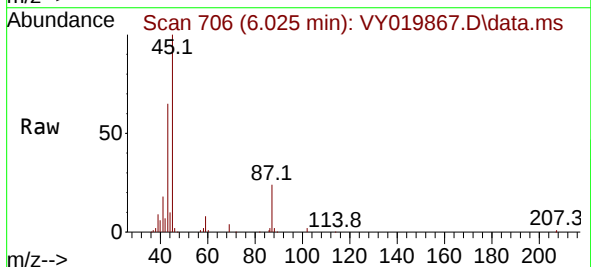


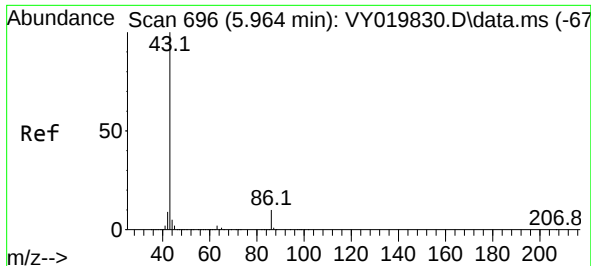
Tgt Ion: 96 Resp: 17829
Ion Ratio Lower Upper
96 100
61 125.0 97.5 146.3
98 59.1 50.5 75.7



#22
Diisopropyl ether
Concen: 4.567 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

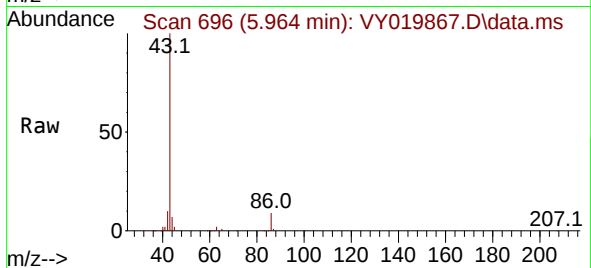
Tgt Ion: 45 Resp: 62061
Ion Ratio Lower Upper
45 100
43 63.6 42.2 63.2#
87 24.1 25.0 37.6#
59 8.0 10.5 15.7#



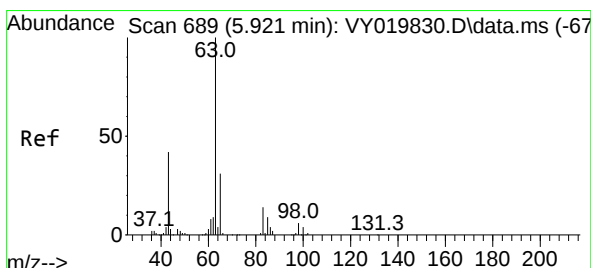
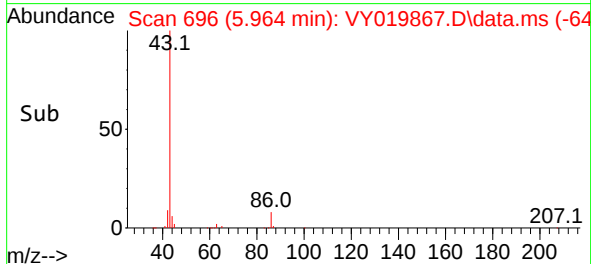
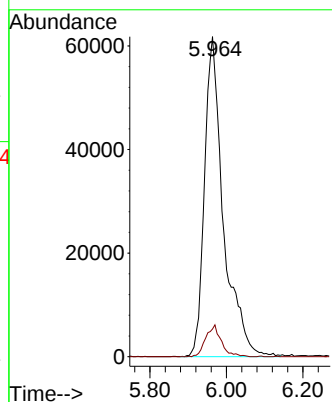


#23
 Vinyl Acetate
 Concen: 27.240 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :

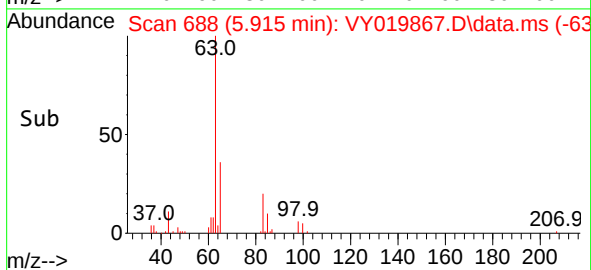
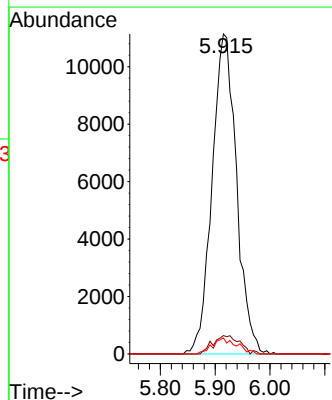
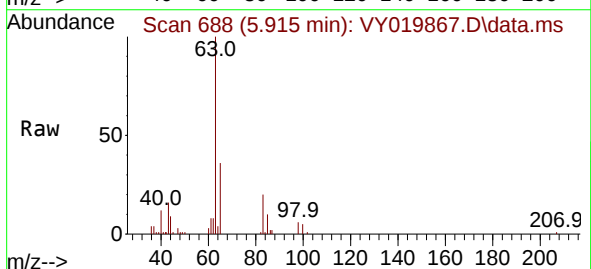


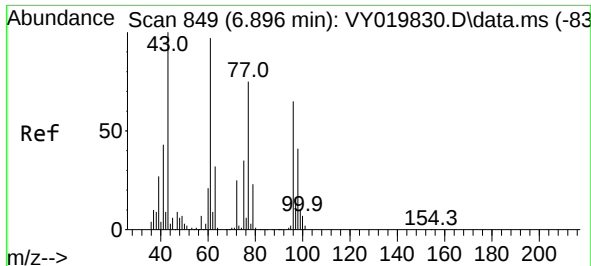
Tgt Ion: 43 Resp: 212193
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 4.567 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

Tgt Ion: 63 Resp: 34495
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.0 12.2
 100 5.0 2.6 8.0

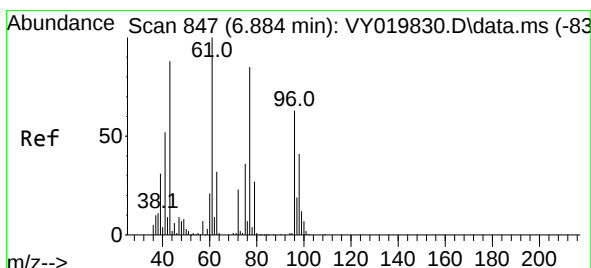
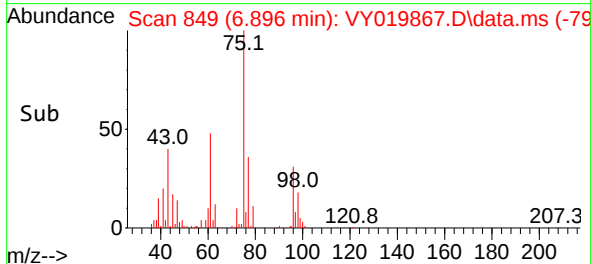
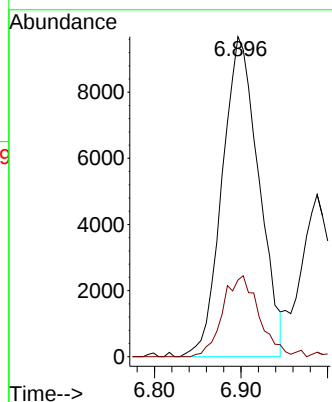
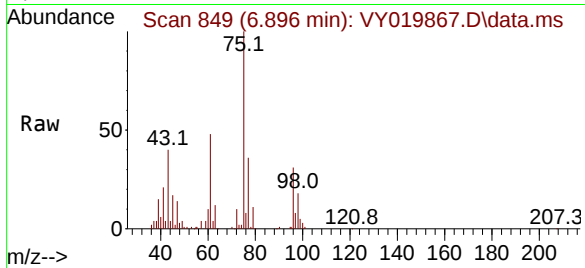




#25
2-Butanone
Concen: 20.589 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

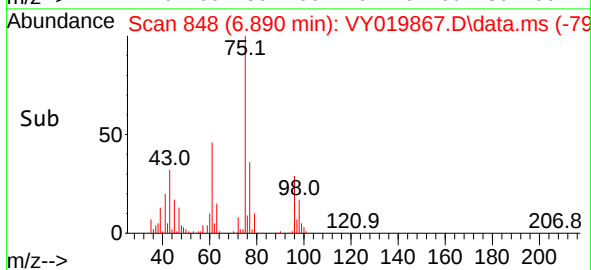
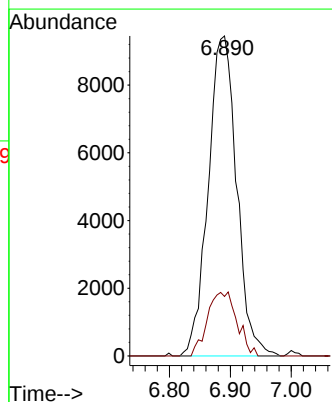
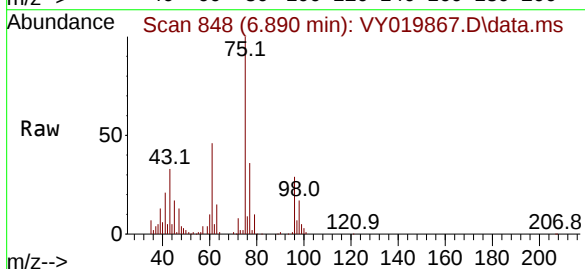
Instrument :
MSVOA_Y
ClientSampleId :

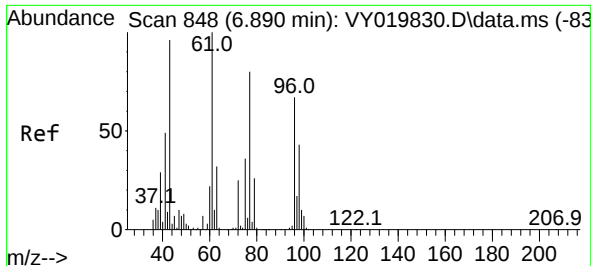
Tgt Ion: 43 Resp: 28469
Ion Ratio Lower Upper
43 100
72 24.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 4.558 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 77 Resp: 30662
Ion Ratio Lower Upper
77 100
97 20.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 4.480 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

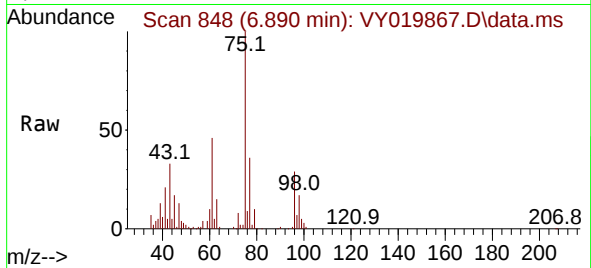
Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :



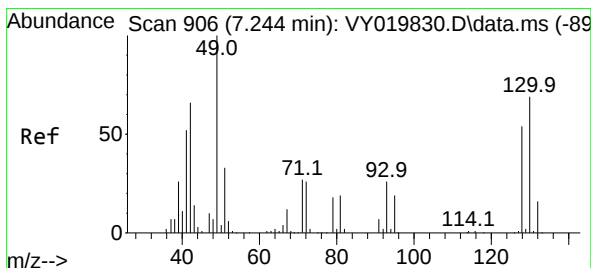
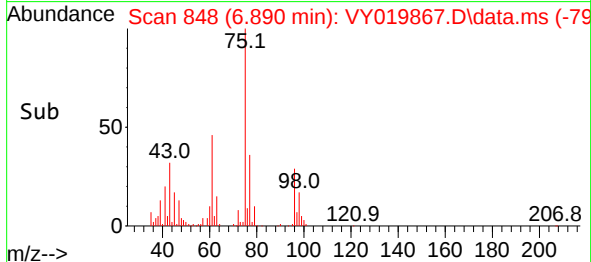
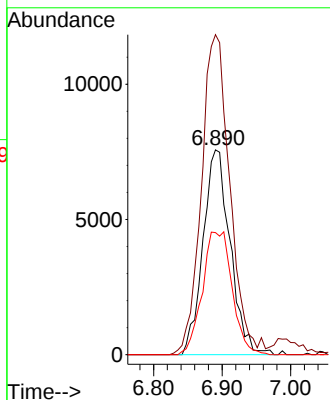
Tgt Ion: 96 Resp: 20834

Ion Ratio Lower Upper

96 100

61 164.9 0.0 256.2

98 65.9 0.0 130.0



#28

Bromochloromethane

Concen: 5.258 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

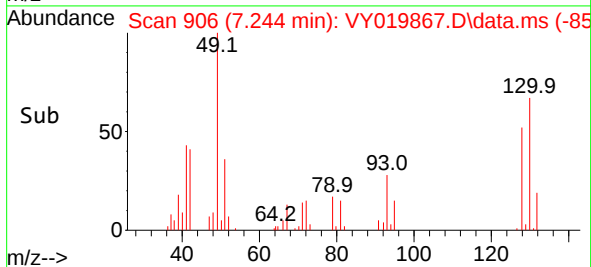
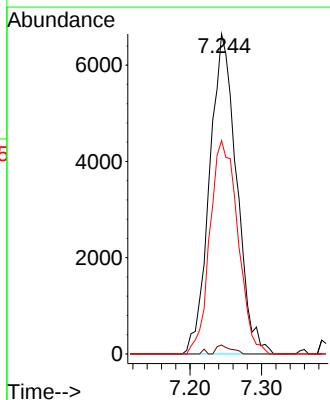
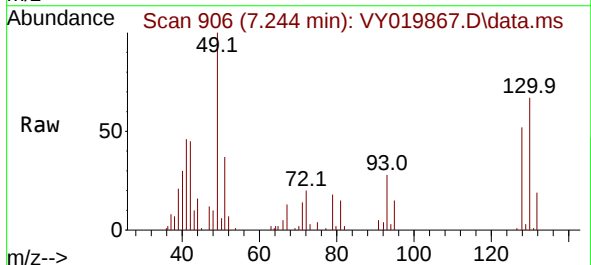
Tgt Ion: 49 Resp: 17481

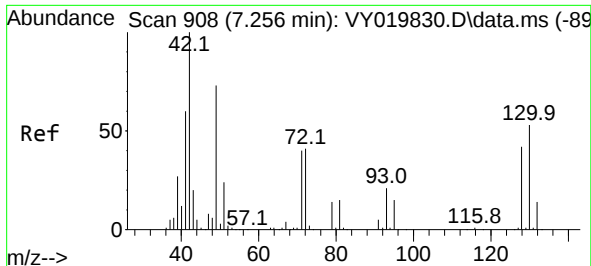
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.6

130 68.6 72.7 109.1#





#29

Tetrahydrofuran

Concen: 23.993 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.013 min

Lab File: VY019867.D

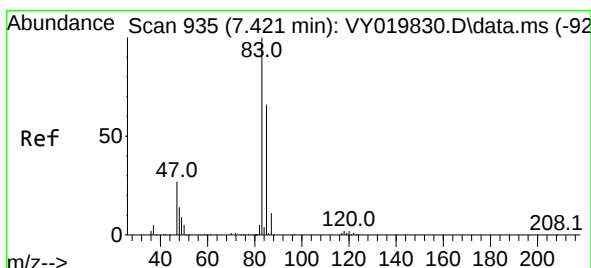
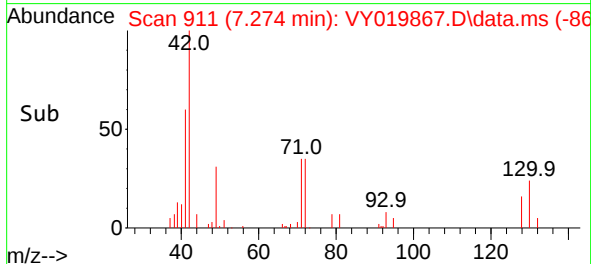
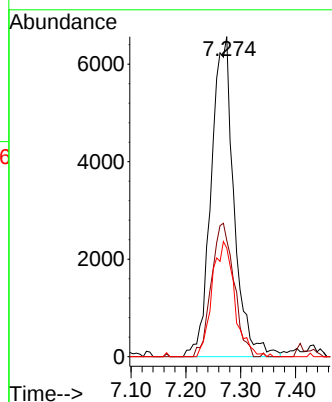
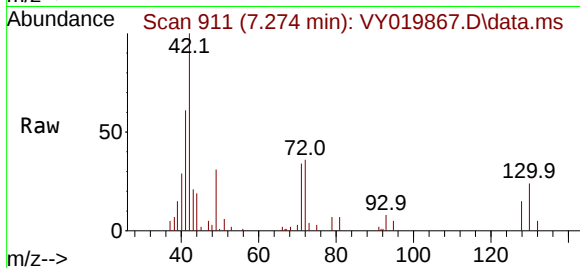
Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 18942
Ion Ratio	Lower Upper
42	100
72	41.2 43.0 64.4#
71	35.6 40.8 61.2#



#30

Chloroform

Concen: 4.560 ug/l

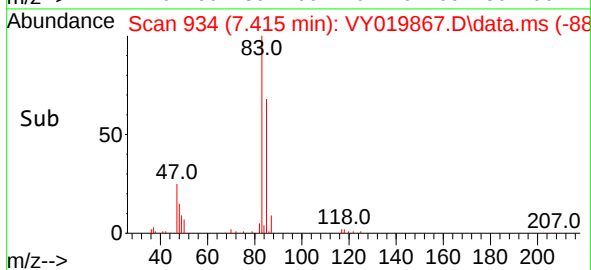
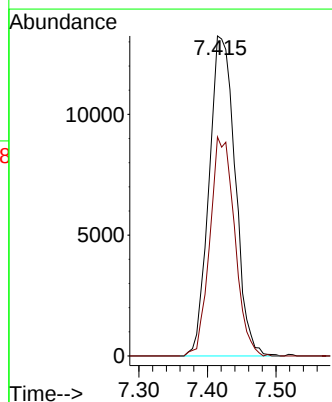
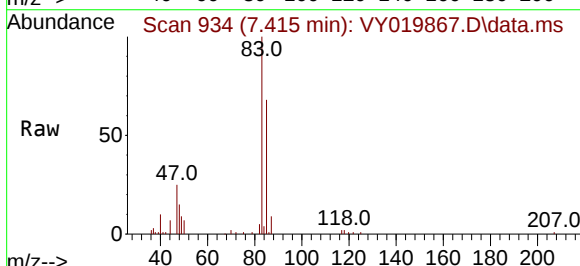
RT: 7.415 min Scan# 934

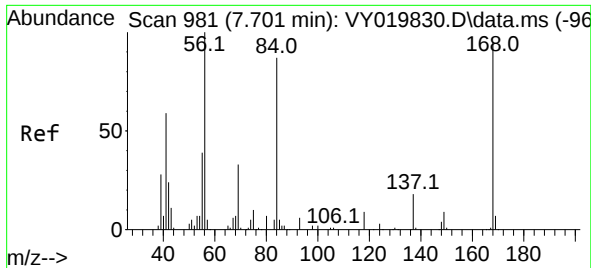
Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion: 83	Resp: 35107
Ion Ratio	Lower Upper
83	100
85	68.5 52.2 78.4

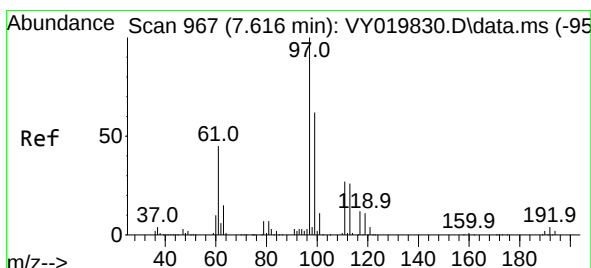
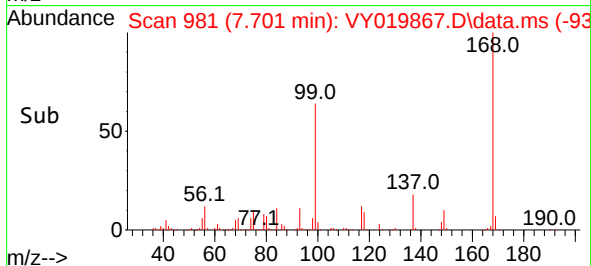
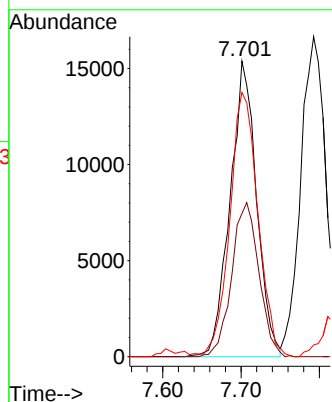
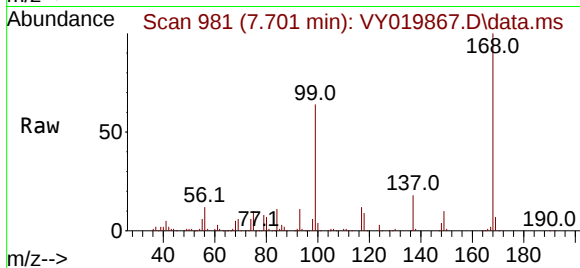




#31
Cyclohexane
Concen: 5.439 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

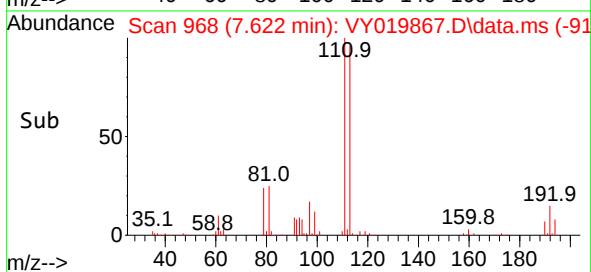
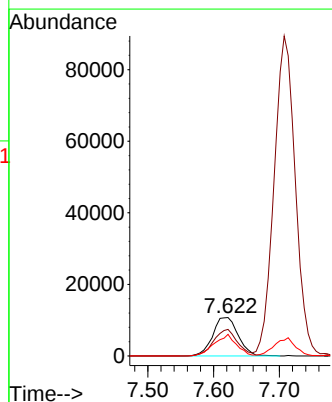
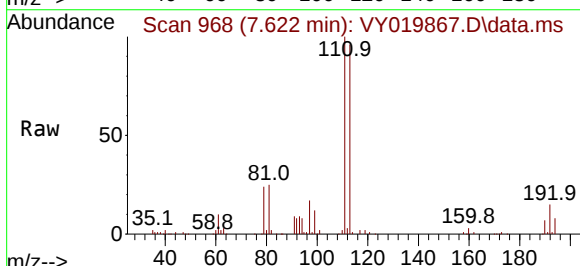
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 36061
Ion Ratio Lower Upper
56 100
69 48.5 28.7 43.1#
84 87.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 4.294 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 97 Resp: 28976
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 48.9 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 52.777 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

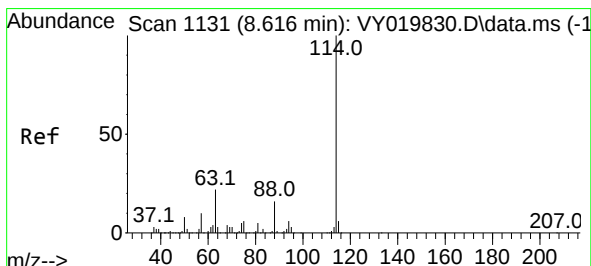
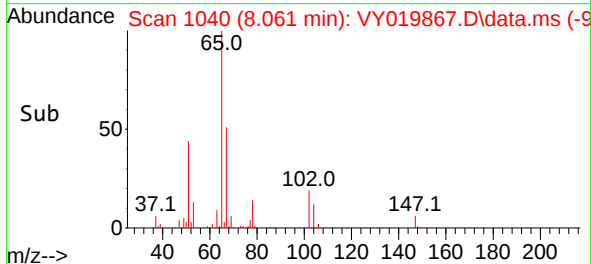
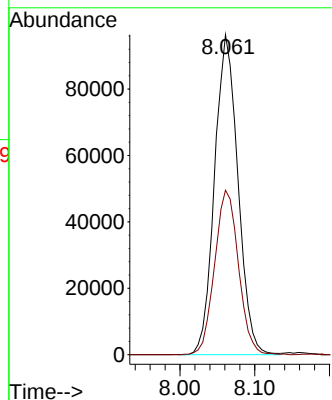
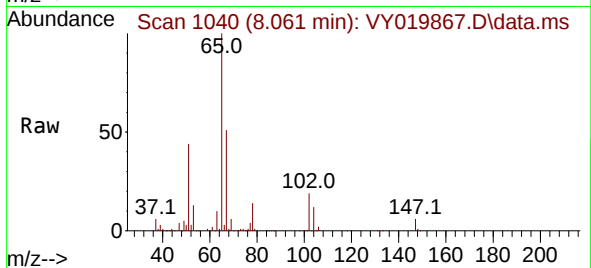
ClientSampleId :

Tgt Ion: 65 Resp: 209433

Ion Ratio Lower Upper

65 100

67 52.5 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: VY019867.D

Acq: 11 Oct 2024 12:42

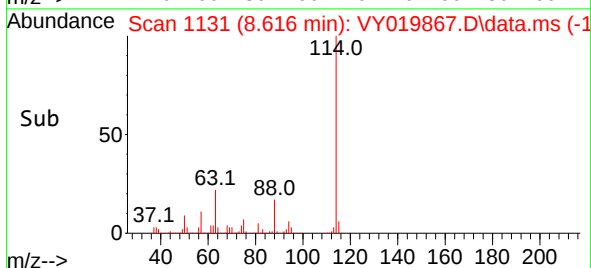
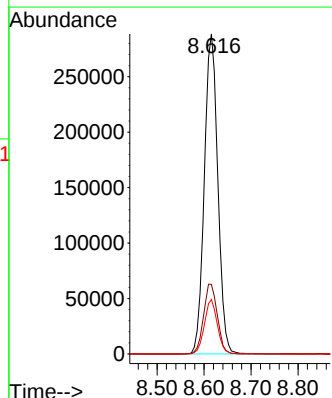
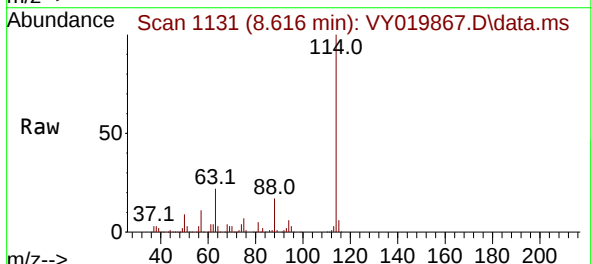
Tgt Ion: 114 Resp: 574420

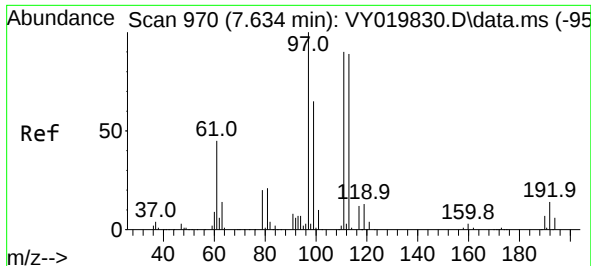
Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

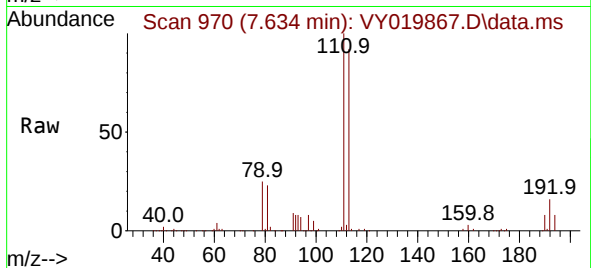
88 17.0 0.0 27.2



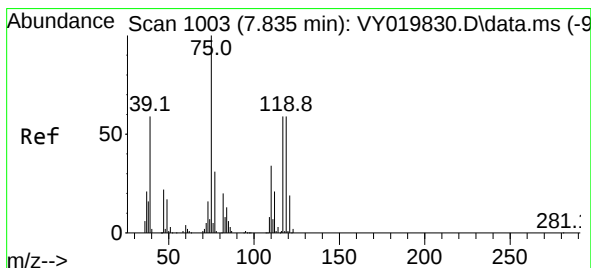
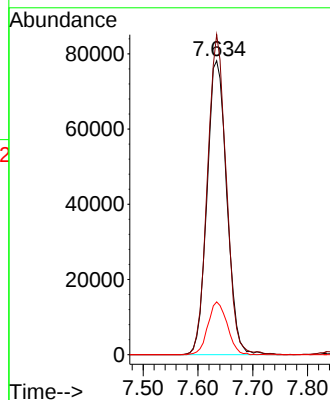
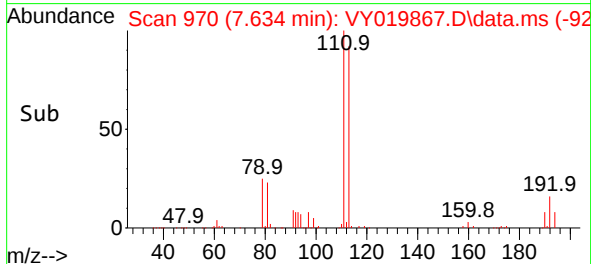


#35
Dibromofluoromethane
Concen: 51.556 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

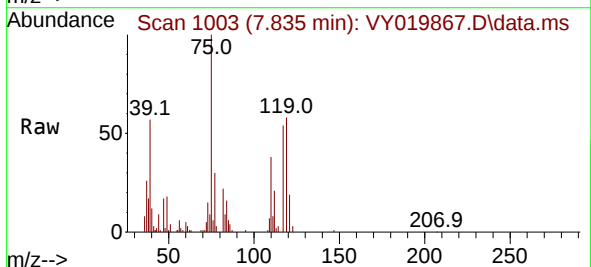
Instrument :
MSVOA_Y
ClientSampleId :



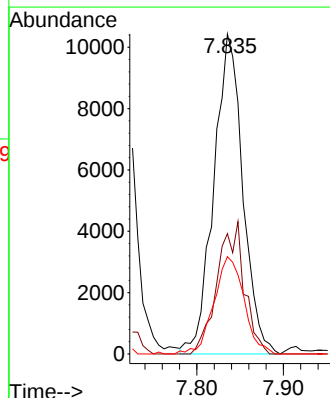
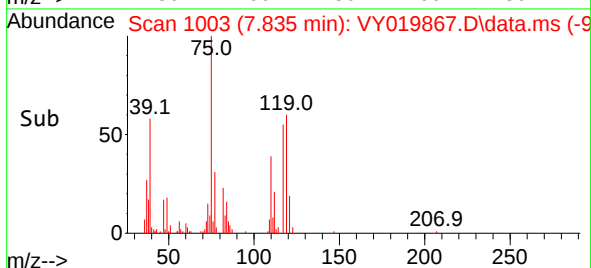
Tgt Ion:113 Resp: 195426
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 17.5 15.9 23.9

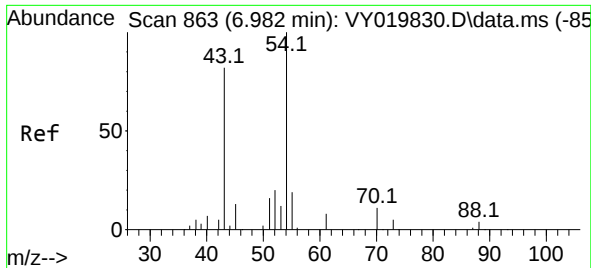


#36
1,1-Dichloropropene
Concen: 4.448 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42



Tgt Ion: 75 Resp: 24288
Ion Ratio Lower Upper
75 100
110 38.4 19.0 57.0
77 31.5 25.3 37.9

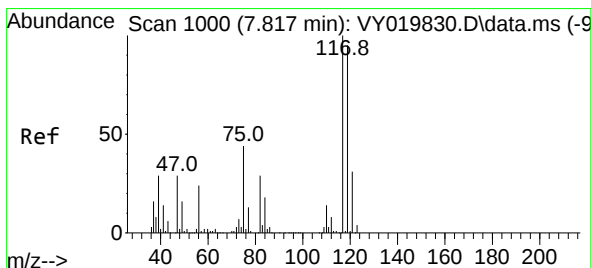
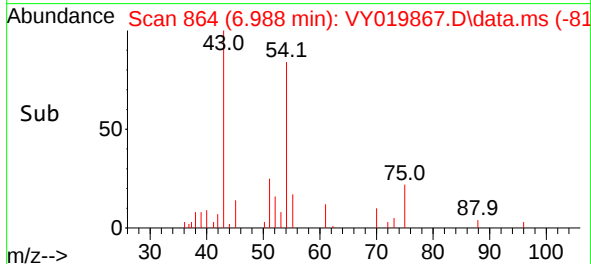
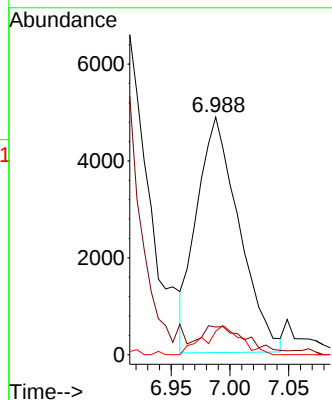
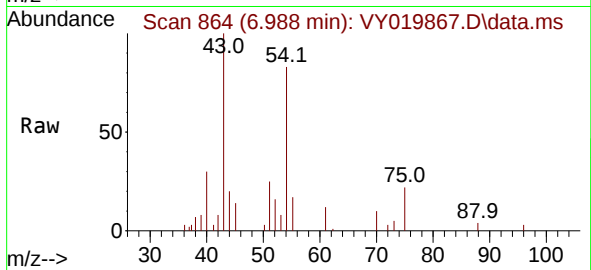




#37
Ethyl Acetate
Concen: 4.288 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

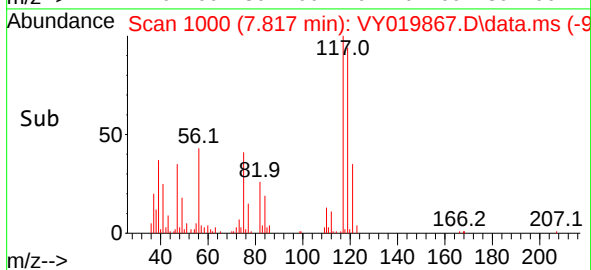
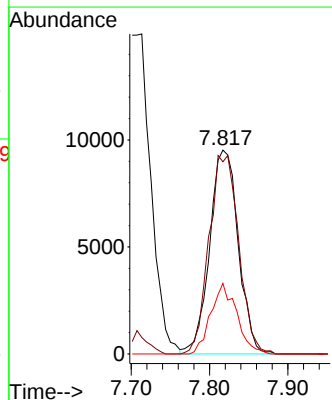
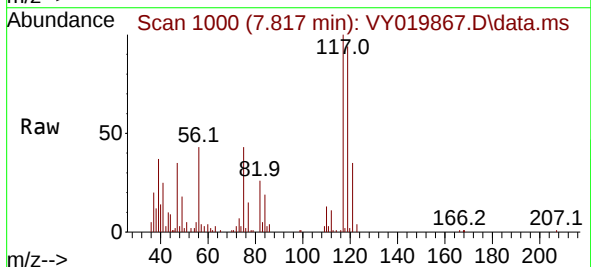
Instrument :
MSVOA_Y
ClientSampleId :

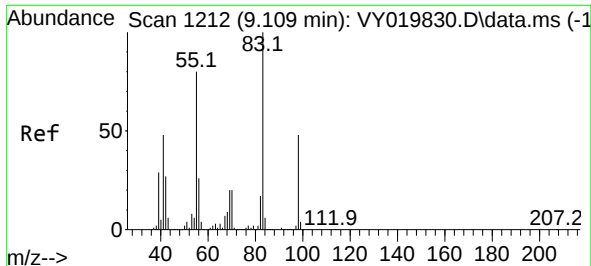
Tgt Ion: 43	Resp: 12209
Ion Ratio	Lower Upper
43	100
61	10.3 12.6 19.0#
70	10.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 4.134 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 117	Resp: 24204
Ion Ratio	Lower Upper
117	100
119	94.3 75.8 113.6
121	34.6 24.0 36.0





#39

Methylcyclohexane

Concen: 4.284 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

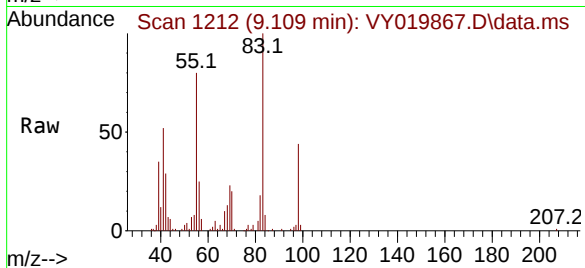
Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

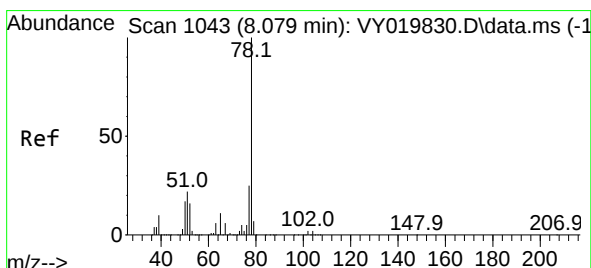
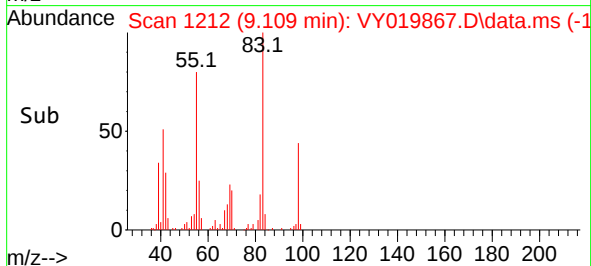
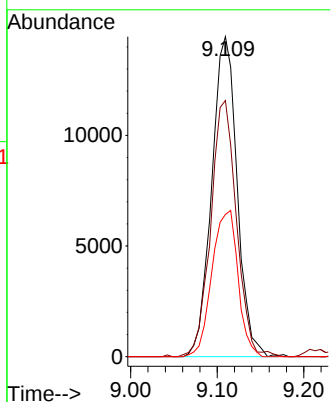
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	29480
Ion	Ratio	Lower	Upper
83	100		
55	80.1	51.5	77.3#
98	44.5	40.5	60.7



#40

Benzene

Concen: 4.572 ug/l

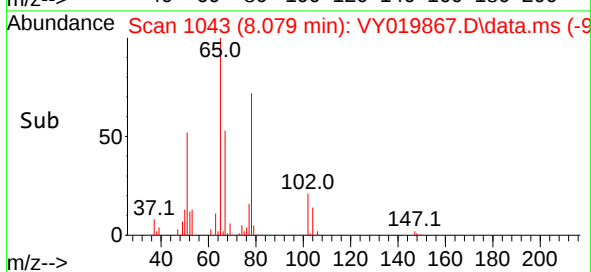
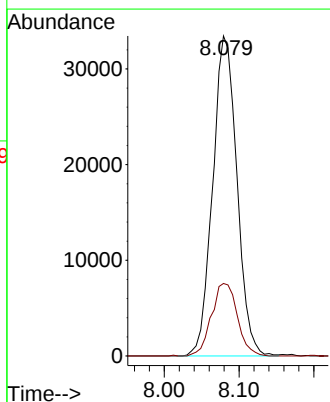
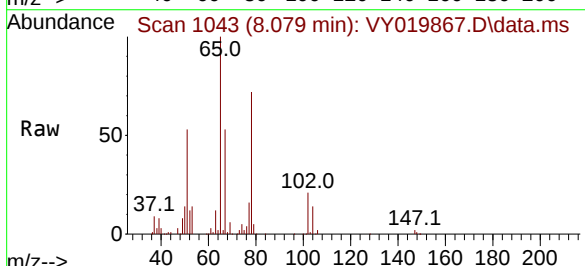
RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

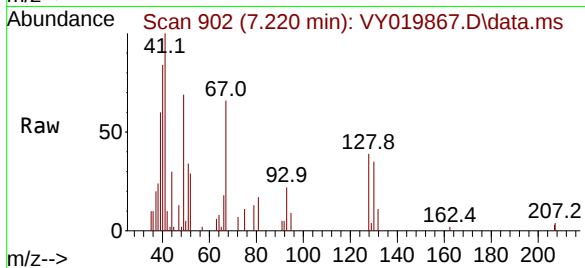
Tgt Ion:	78	Resp:	75566
Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.5	29.3



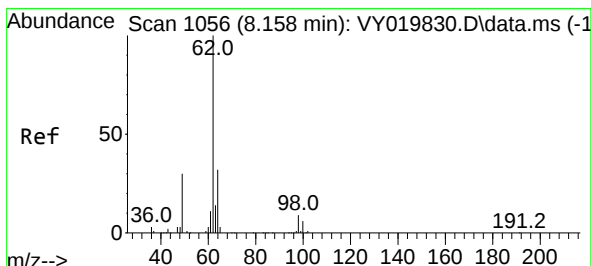
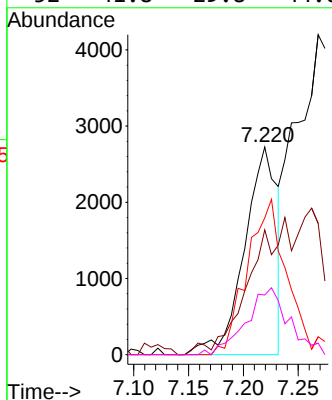
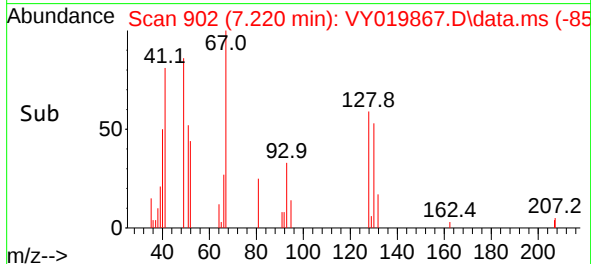


#41
Methacrylonitrile
Concen: 3.669 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :

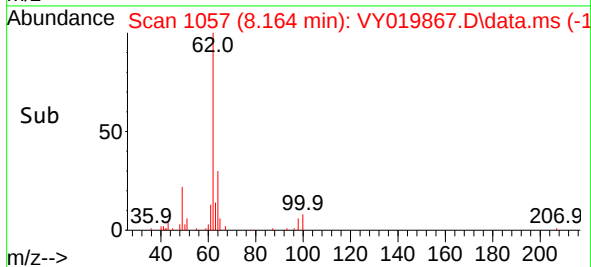
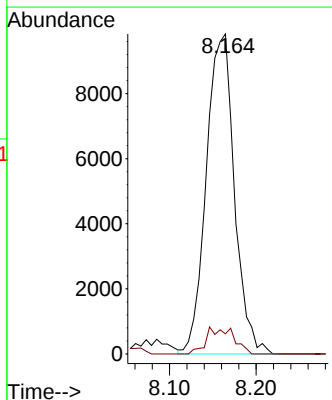
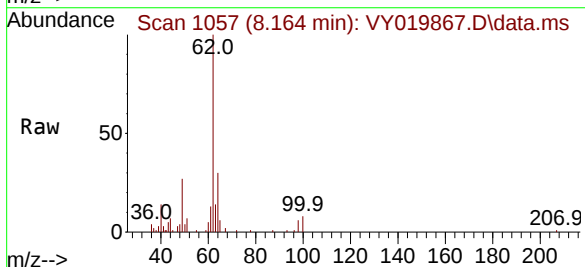


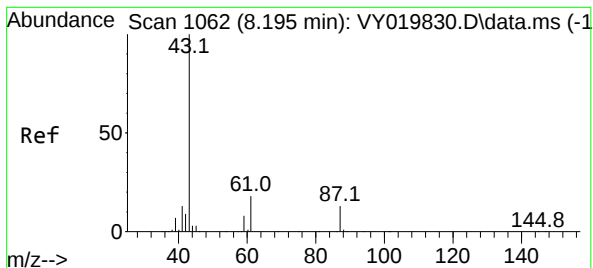
Tgt Ion:	41	Resp:	5655
Ion	Ratio	Lower	Upper
41	100		
39	81.3	48.0	72.0
67	91.0	75.1	112.7
52	41.8	29.8	44.6



#42
1,2-Dichloroethane
Concen: 4.671 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:	62	Resp:	22179
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 4.185 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

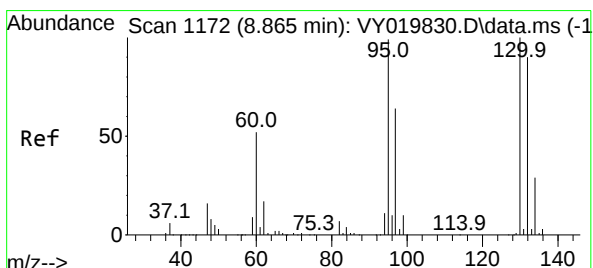
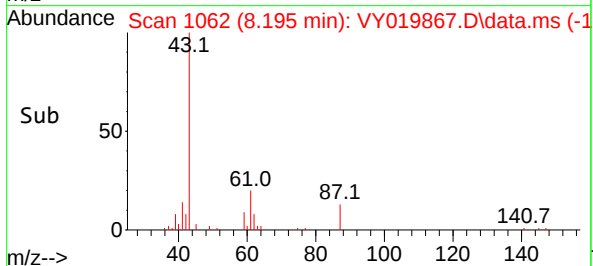
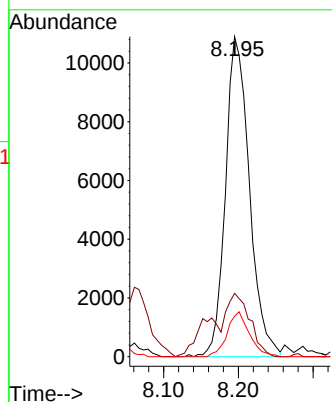
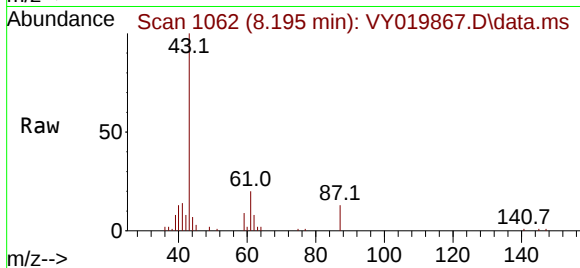
Tgt Ion: 43 Resp: 24306

Ion Ratio Lower Upper

43 100

61 19.4 27.9 41.9#

87 13.0 13.1 19.7#



#44

Trichloroethene

Concen: 4.551 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019867.D

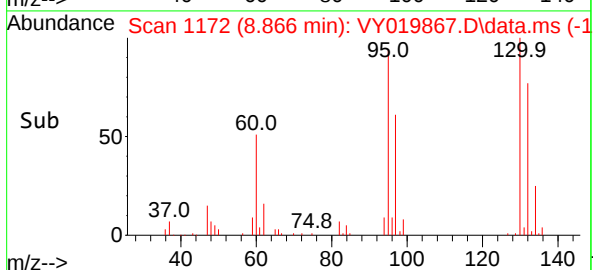
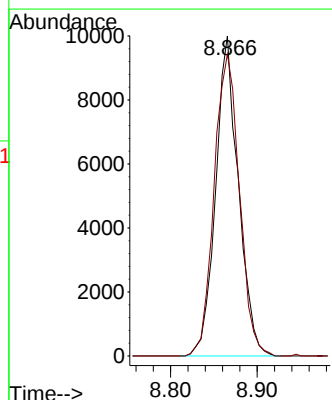
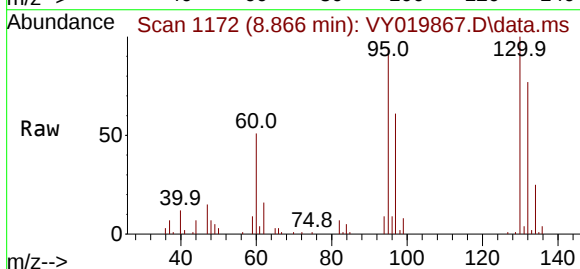
Acq: 11 Oct 2024 12:42

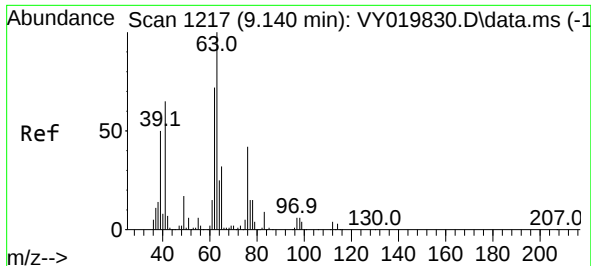
Tgt Ion:130 Resp: 18218

Ion Ratio Lower Upper

130 100

95 94.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 4.636 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

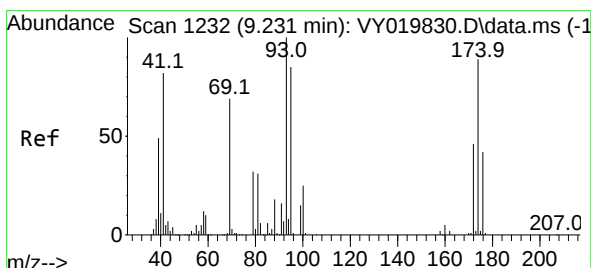
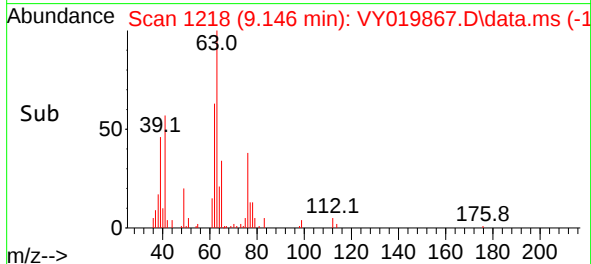
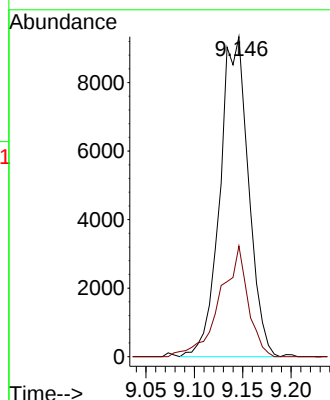
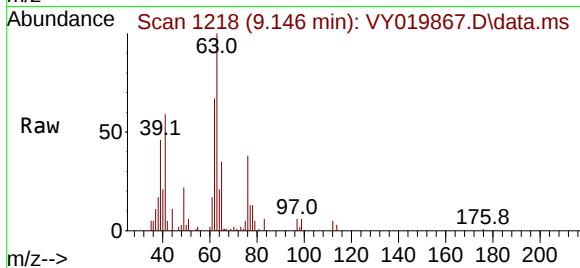
ClientSampleId :

Tgt Ion: 63 Resp: 19179

Ion Ratio Lower Upper

63 100

65 34.6 25.4 38.2



#46

Dibromomethane

Concen: 4.452 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

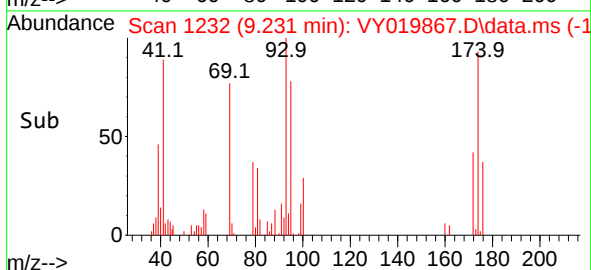
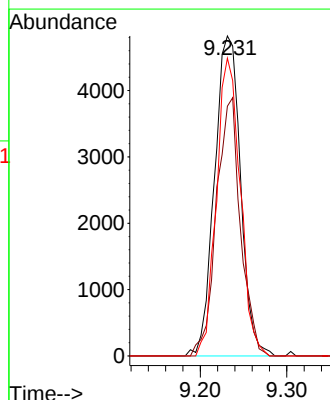
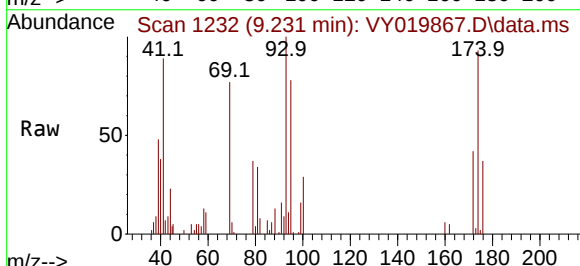
Tgt Ion: 93 Resp: 10062

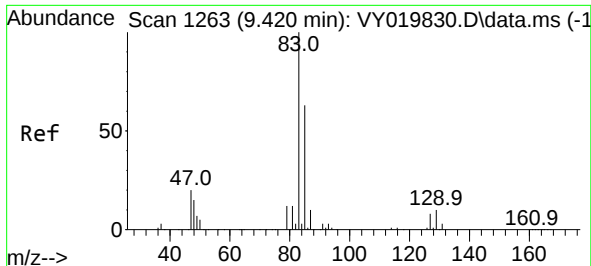
Ion Ratio Lower Upper

93 100

95 75.0 66.2 99.4

174 85.2 80.9 121.3

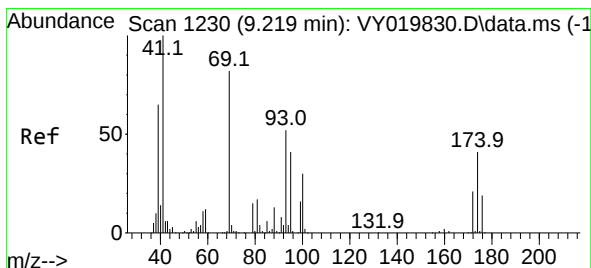
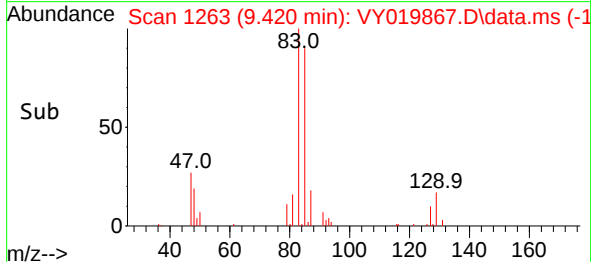
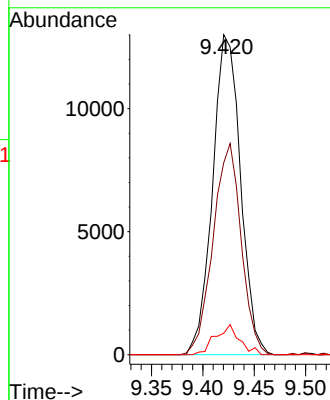
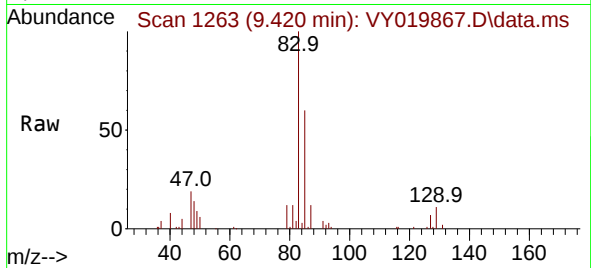




#47
Bromodichloromethane
Concen: 4.094 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

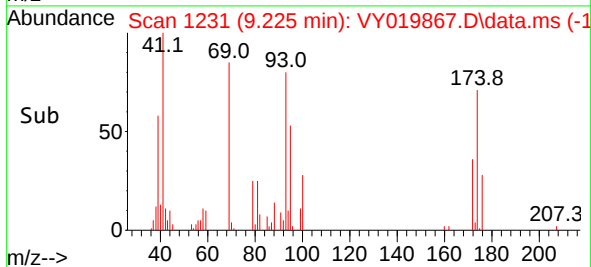
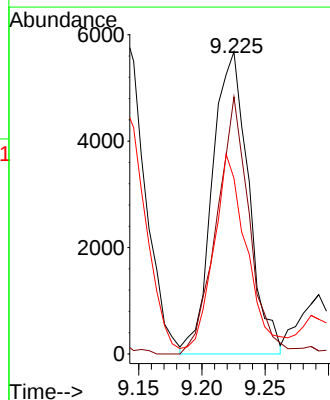
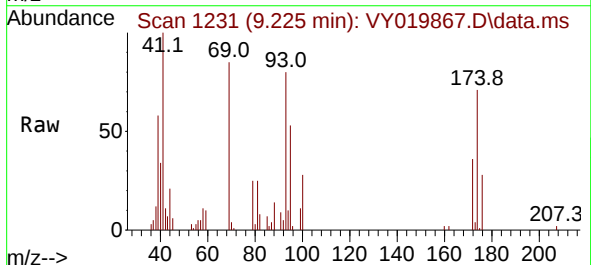
Instrument :
MSVOA_Y
ClientSampleId :

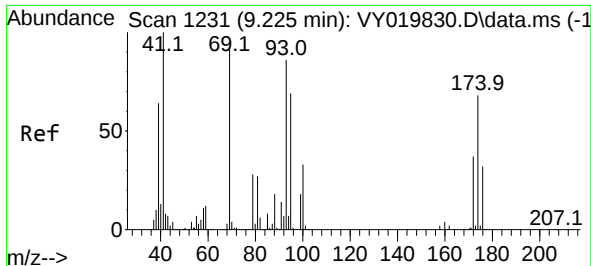
Tgt Ion: 83 Resp: 24559
Ion Ratio Lower Upper
83 100
85 59.9 50.1 75.1
127 6.7 7.4 11.0#



#48
Methyl methacrylate
Concen: 4.406 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 41 Resp: 11256
Ion Ratio Lower Upper
41 100
69 76.8 84.1 126.1#
39 58.5 43.6 65.4





#49

1,4-Dioxane

Concen: 82.940 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

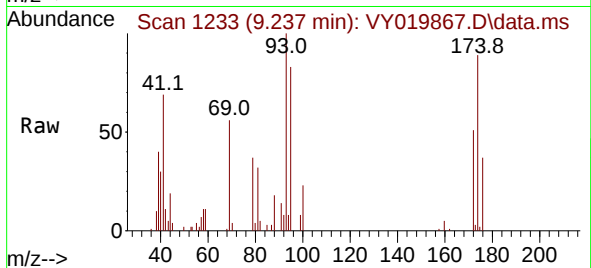
Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :



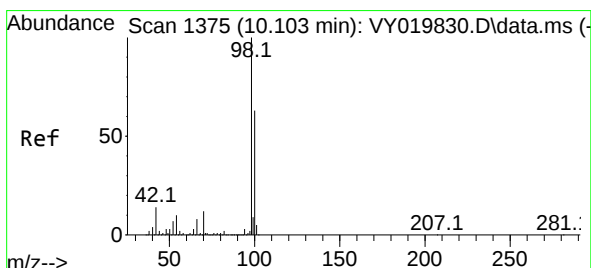
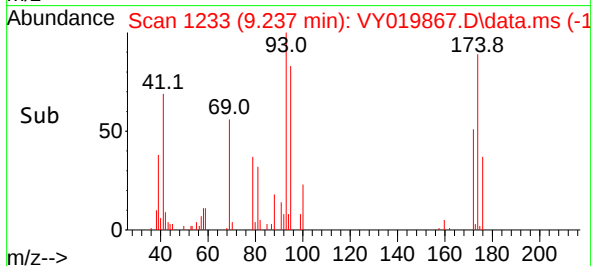
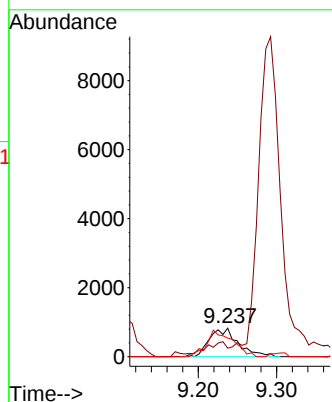
Tgt Ion: 88 Resp: 2098

Ion Ratio Lower Upper

88 100

43 27.7 0.0 0.0#

58 83.5 49.3 73.9#



#50

Toluene-d8

Concen: 51.727 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019867.D

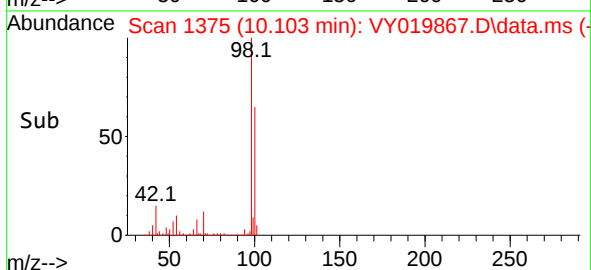
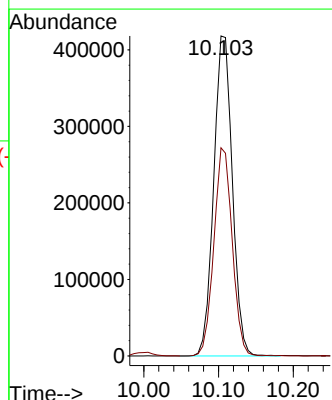
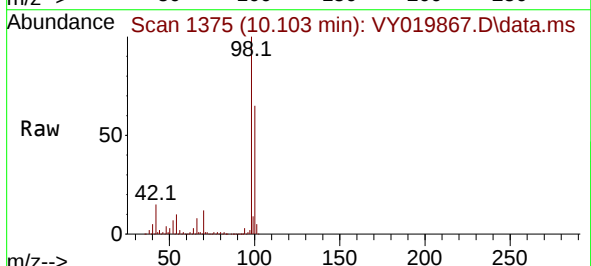
Acq: 11 Oct 2024 12:42

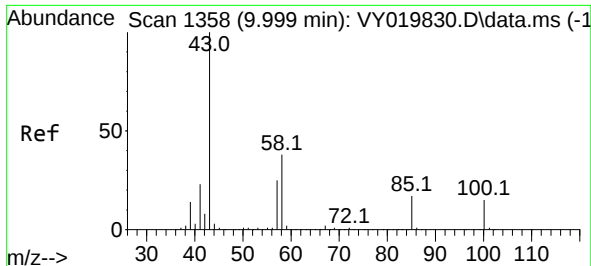
Tgt Ion: 98 Resp: 724072

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 20.888 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

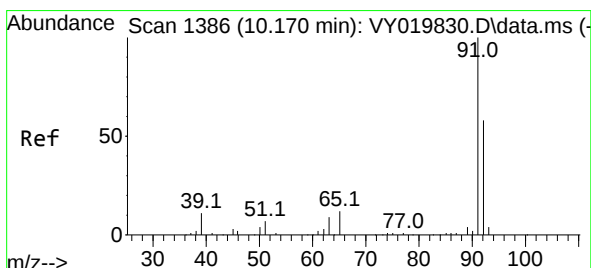
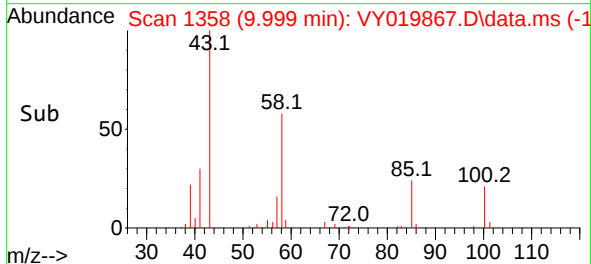
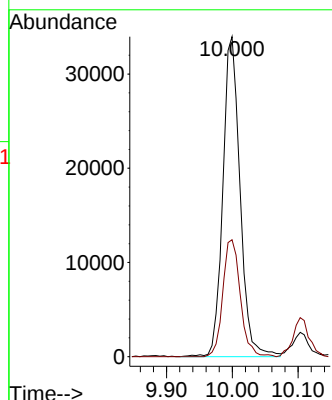
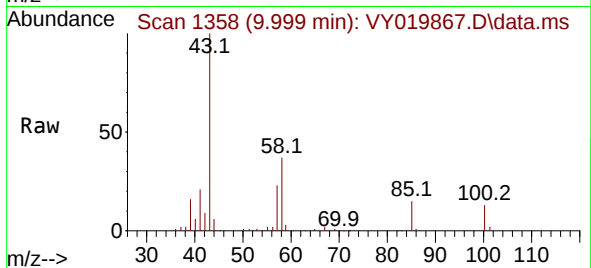
ClientSampleId :

Tgt Ion: 43 Resp: 61873

Ion Ratio Lower Upper

43 100

58 37.2 35.7 53.5



#52

Toluene

Concen: 4.670 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019867.D

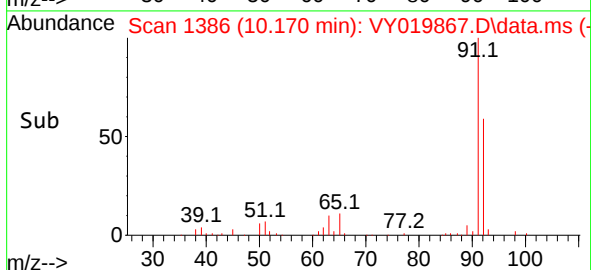
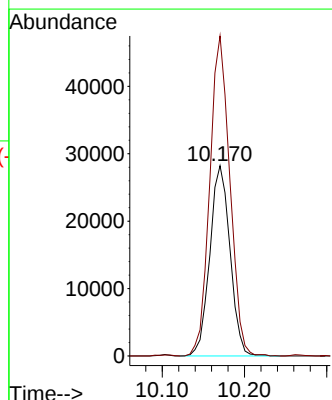
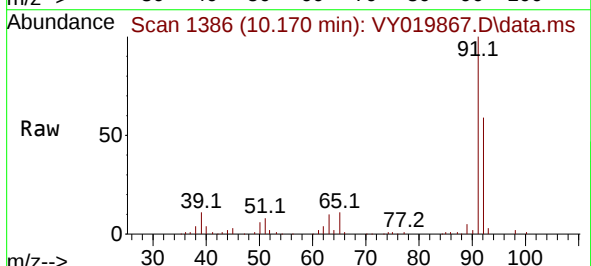
Acq: 11 Oct 2024 12:42

Tgt Ion: 92 Resp: 48180

Ion Ratio Lower Upper

92 100

91 167.5 139.0 208.6

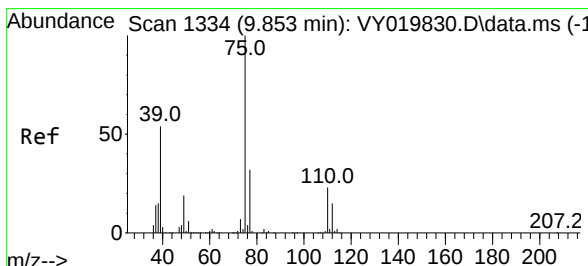
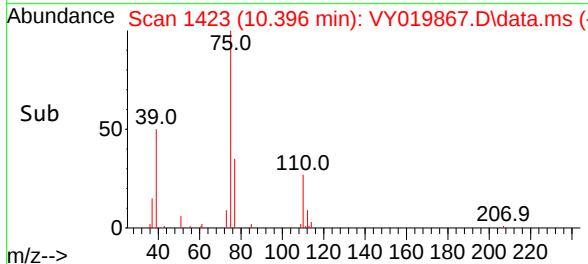
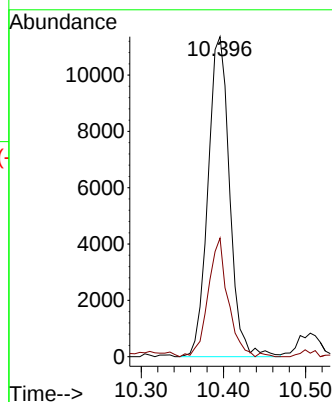
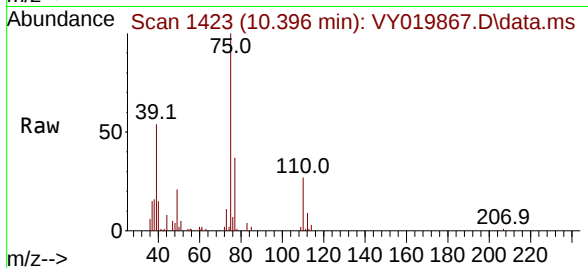




#53
 t-1,3-Dichloropropene
 Concen: 3.840 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

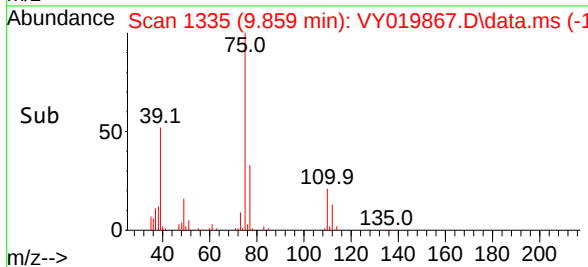
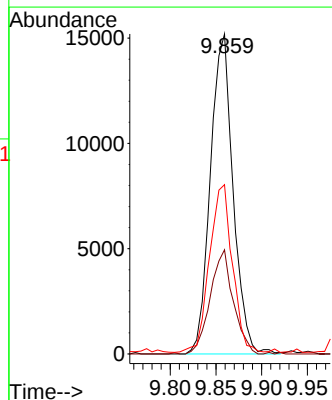
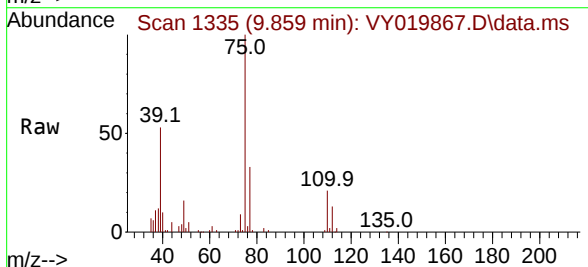
Instrument :
 MSVOA_Y
 ClientSampleId :

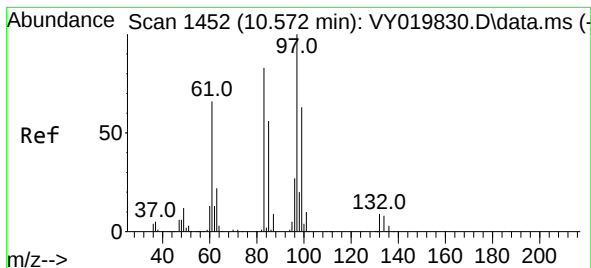
Tgt Ion: 75 Resp: 20725
 Ion Ratio Lower Upper
 75 100
 77 37.0 24.1 36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 4.129 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

Tgt Ion: 75 Resp: 26297
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 52.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 4.411 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 13135

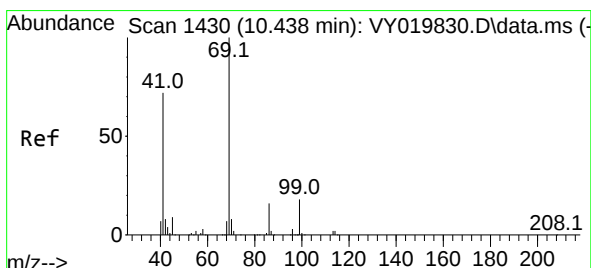
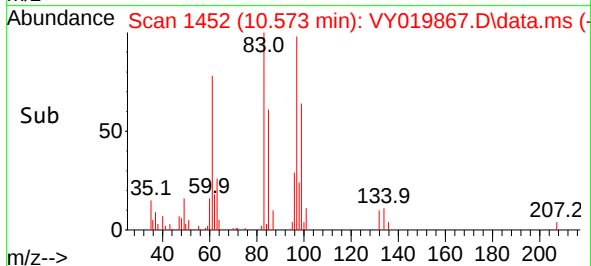
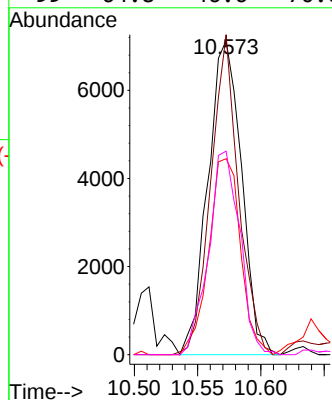
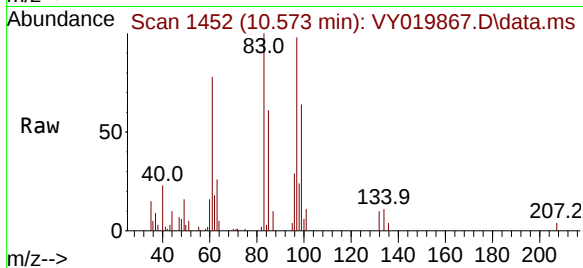
Ion Ratio Lower Upper

97 100

83 101.9 67.5 101.3#

85 62.4 42.9 64.3

99 64.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 4.045 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

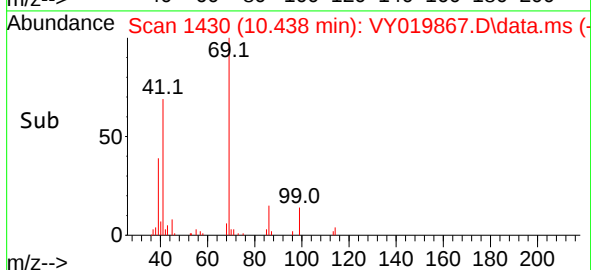
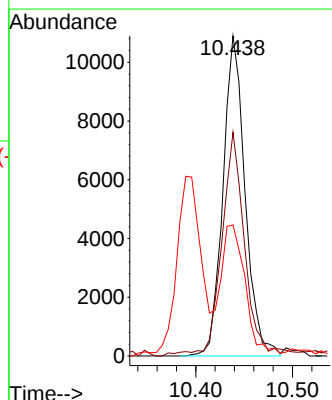
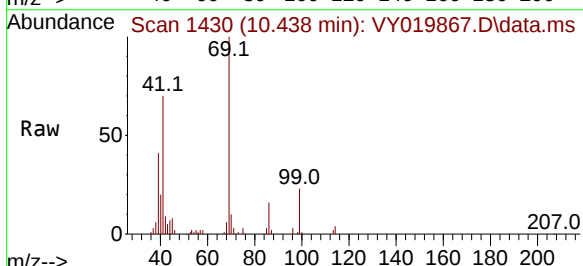
Tgt Ion: 69 Resp: 17283

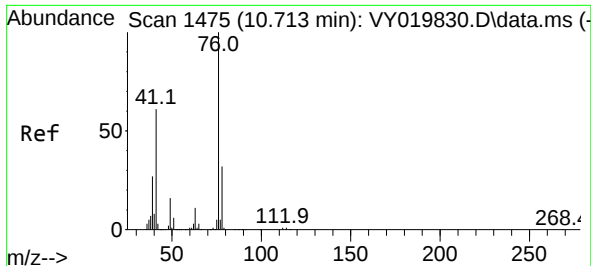
Ion Ratio Lower Upper

69 100

41 72.7 42.3 63.5#

39 44.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 4.230 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

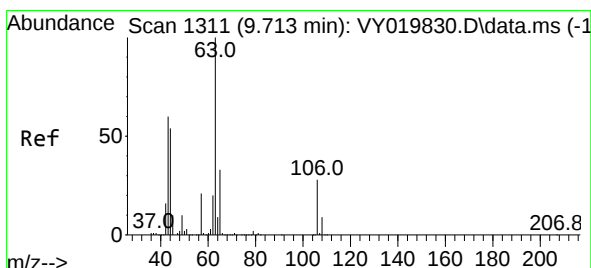
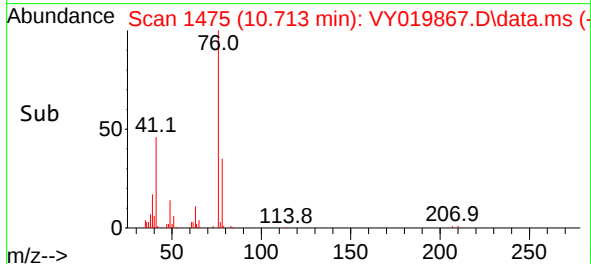
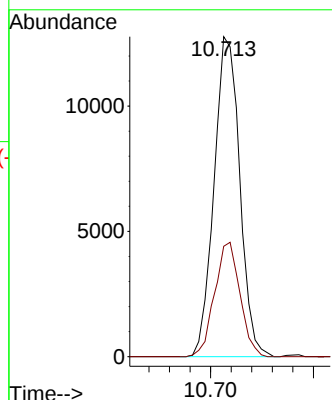
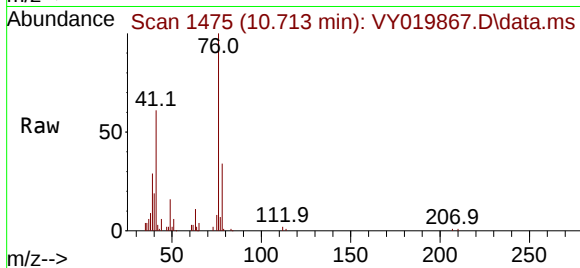
ClientSampleId :

Tgt Ion: 76 Resp: 22118

Ion Ratio Lower Upper

76 100

78 35.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 22.678 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019867.D

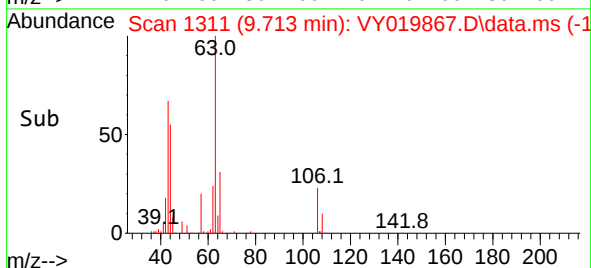
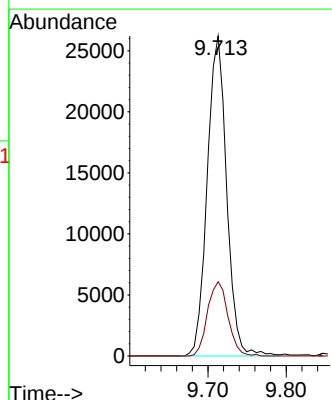
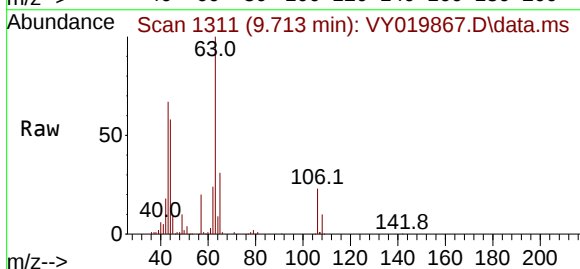
Acq: 11 Oct 2024 12:42

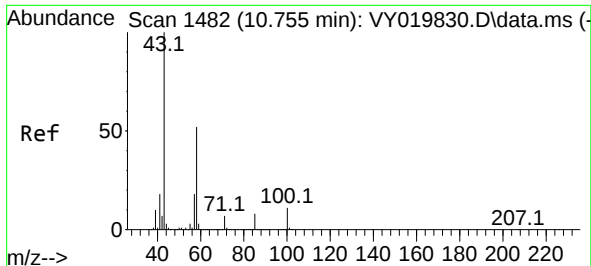
Tgt Ion: 63 Resp: 45108

Ion Ratio Lower Upper

63 100

106 24.5 23.7 35.5

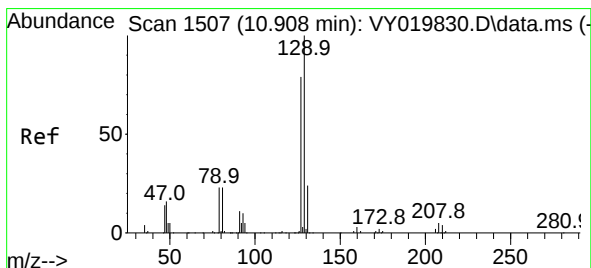
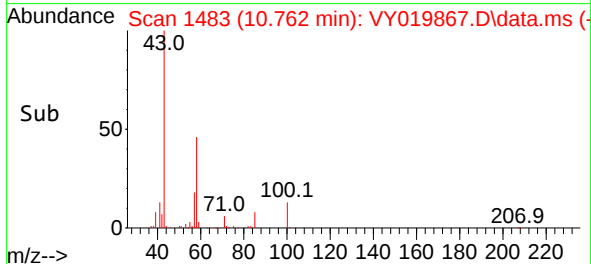
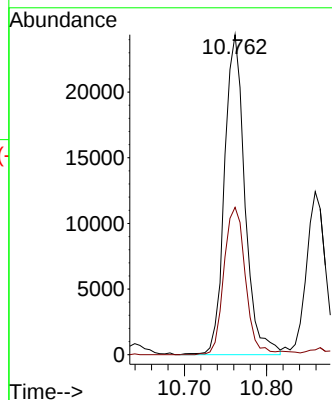
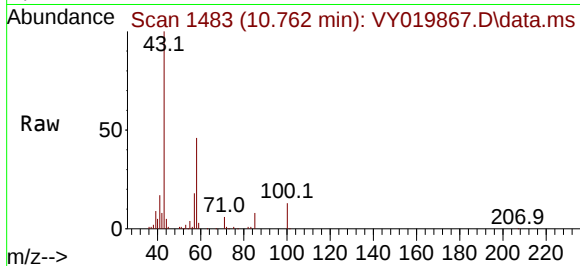




#59
2-Hexanone
Concen: 19.834 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

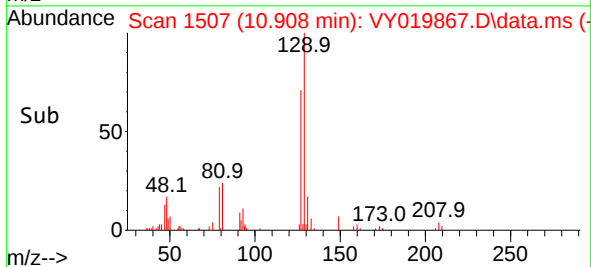
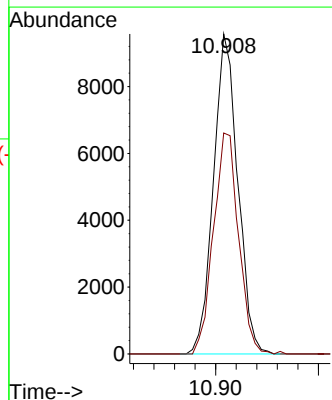
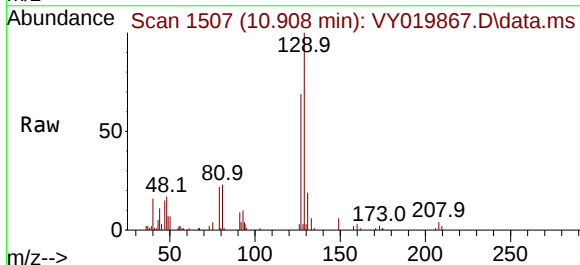
Instrument :
MSVOA_Y
ClientSampleId :

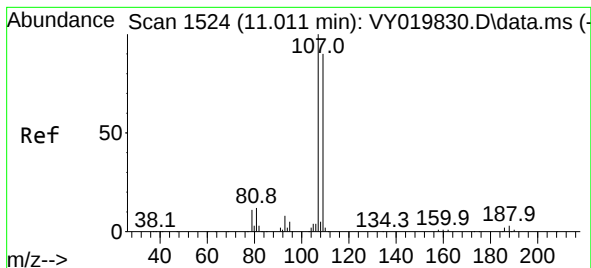
Tgt Ion: 43 Resp: 41961
Ion Ratio Lower Upper
43 100
58 48.2 31.4 94.0



#60
Dibromochloromethane
Concen: 4.115 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 129 Resp: 15727
Ion Ratio Lower Upper
129 100
127 71.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 4.367 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

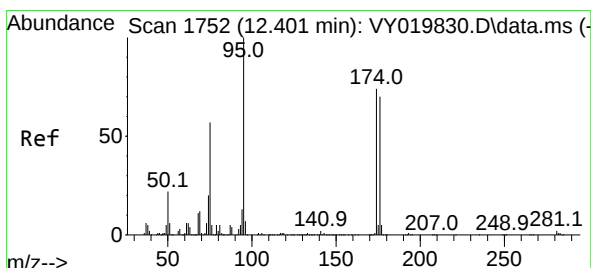
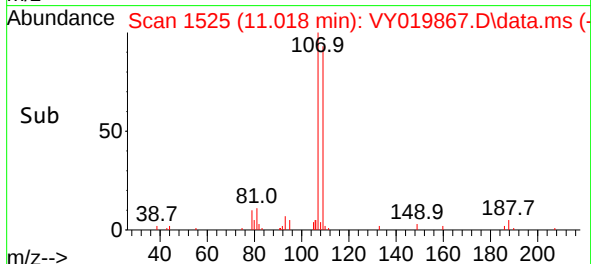
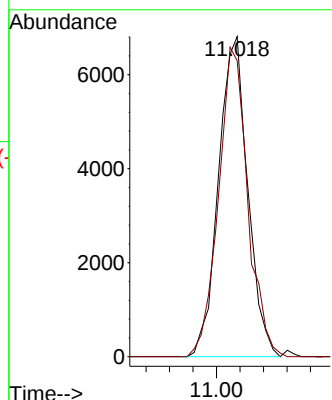
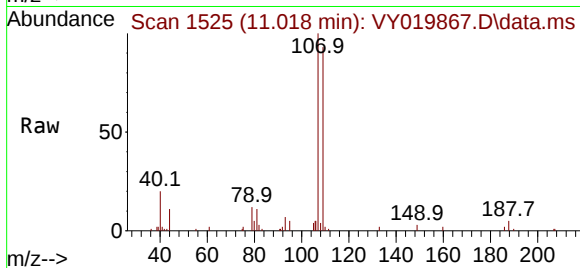
ClientSampleId :

Tgt Ion:107 Resp: 11751

Ion Ratio Lower Upper

107 100

109 96.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.254 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

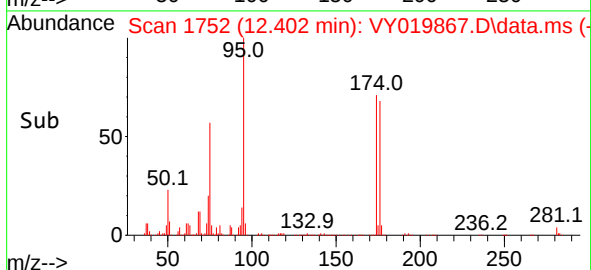
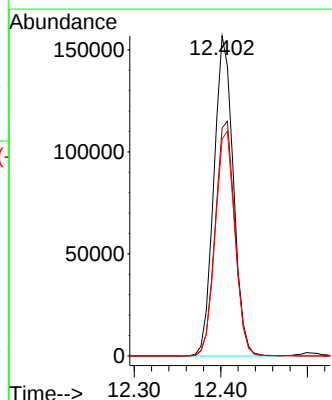
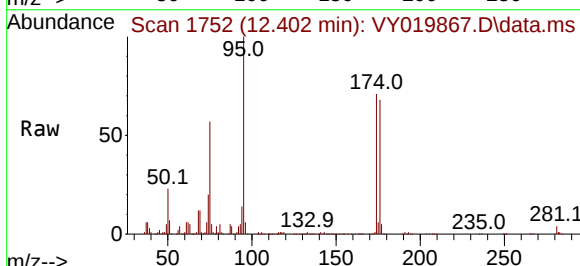
Tgt Ion: 95 Resp: 244063

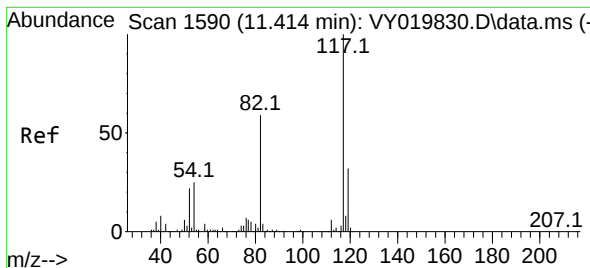
Ion Ratio Lower Upper

95 100

174 74.5 0.0 175.6

176 71.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

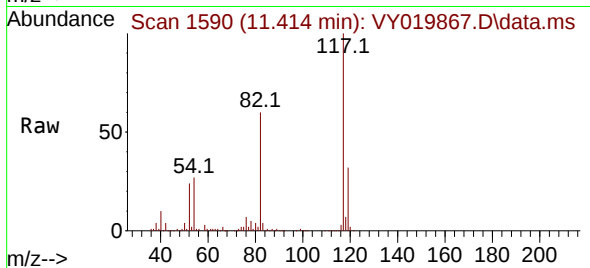
Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :



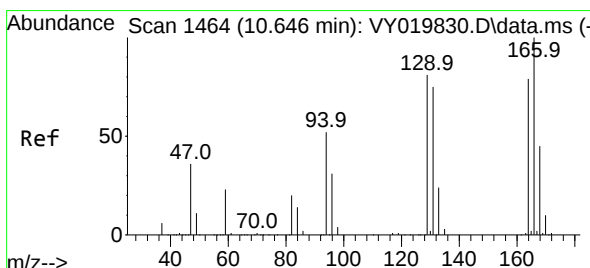
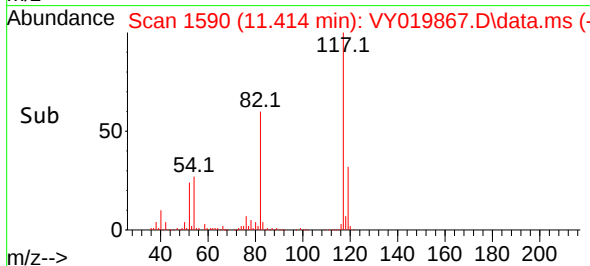
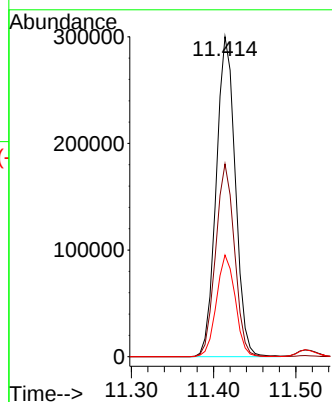
Tgt Ion:117 Resp: 484569

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 4.262 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion:164 Resp: 14688

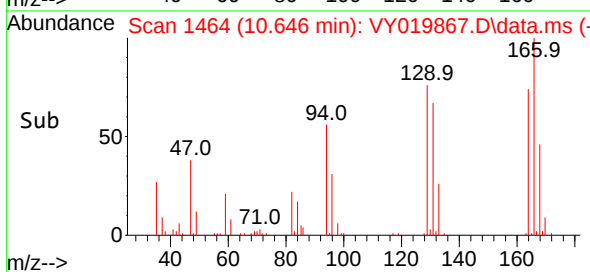
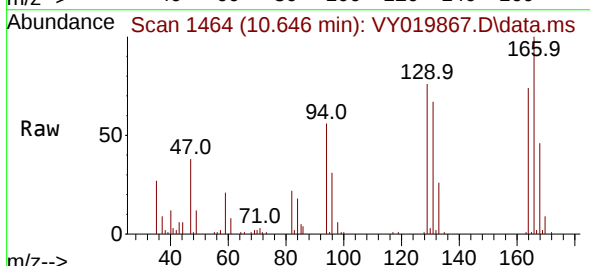
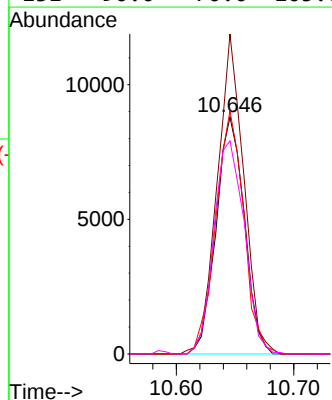
Ion Ratio Lower Upper

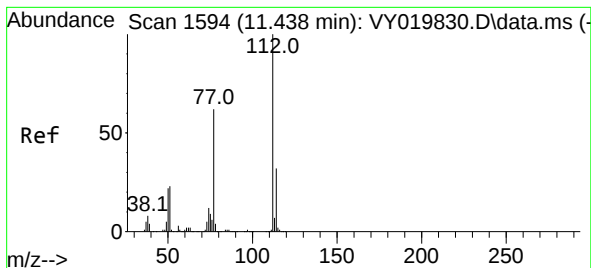
164 100

166 135.1 102.6 154.0

129 102.6 72.0 108.0

131 90.0 70.0 105.0





#65

Chlorobenzene

Concen: 4.214 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

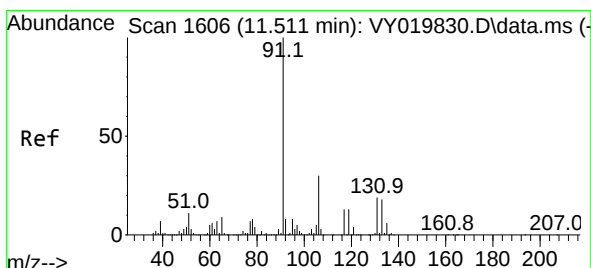
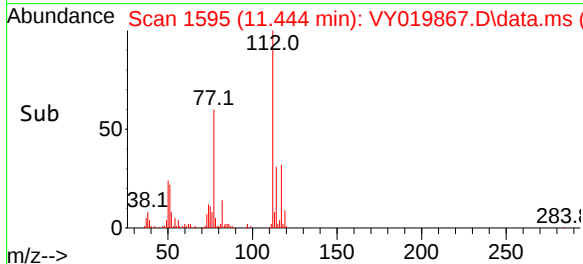
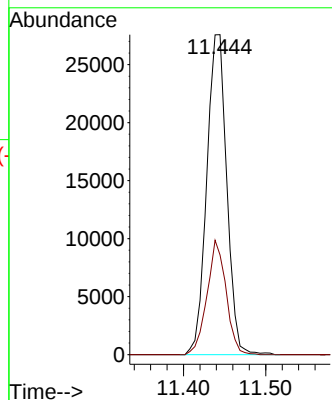
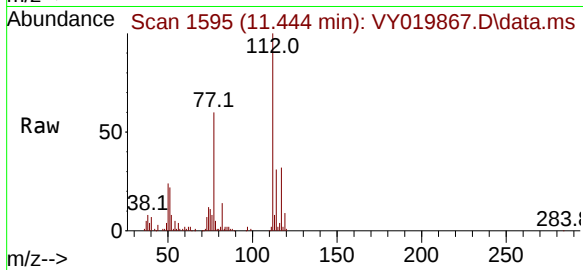
ClientSampleId :

Tgt Ion:112 Resp: 46706

Ion Ratio Lower Upper

112 100

114 31.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 4.004 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

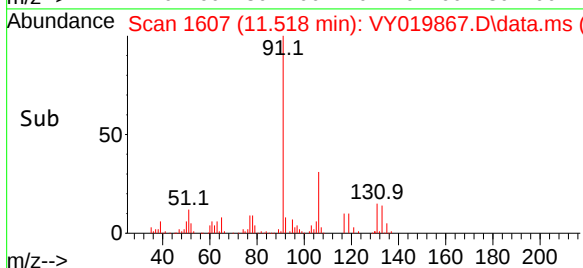
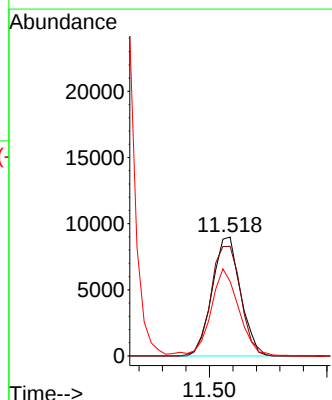
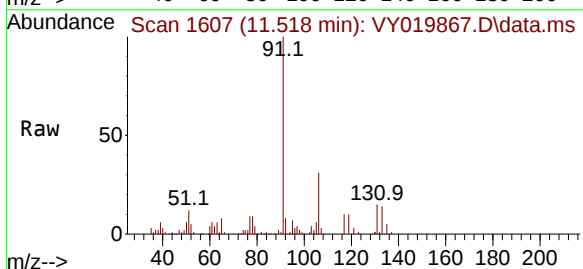
Tgt Ion:131 Resp: 15016

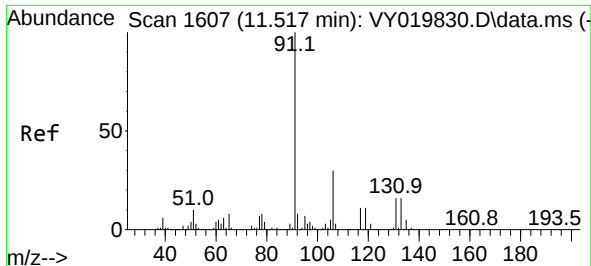
Ion Ratio Lower Upper

131 100

133 97.6 47.8 143.3

119 72.6 34.1 102.2





#67

Ethyl Benzene

Concen: 4.342 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

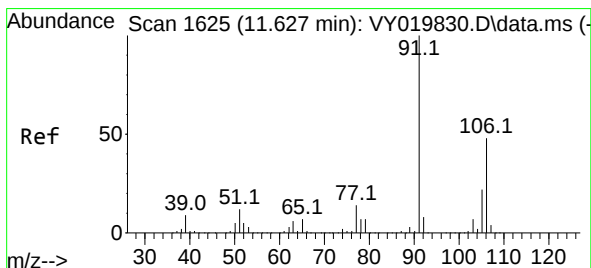
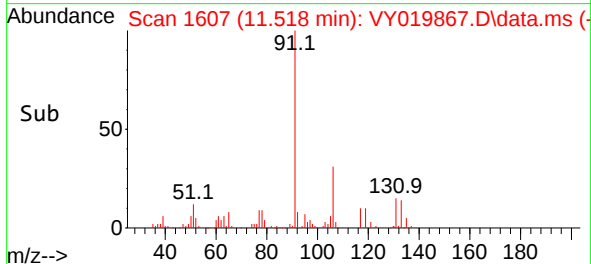
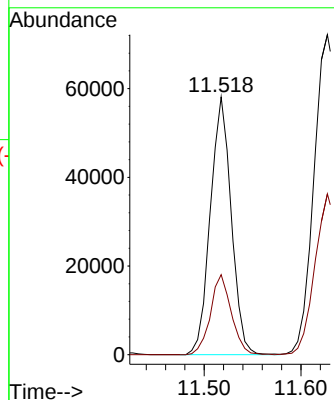
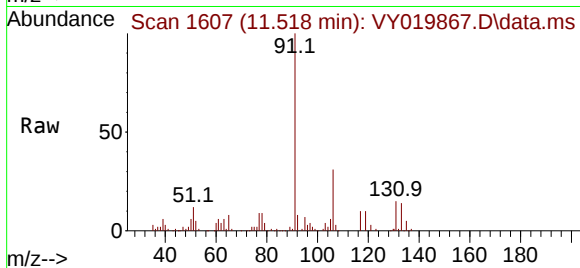
ClientSampleId :

Tgt Ion: 91 Resp: 87418

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 8.545 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019867.D

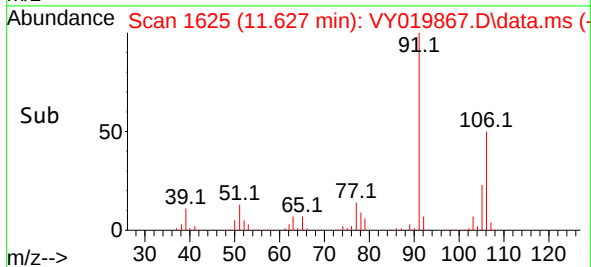
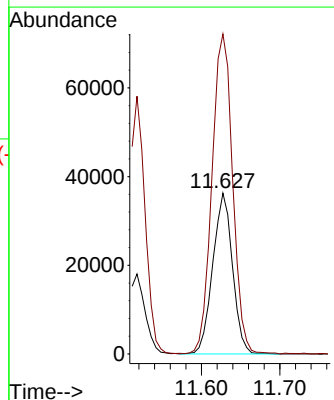
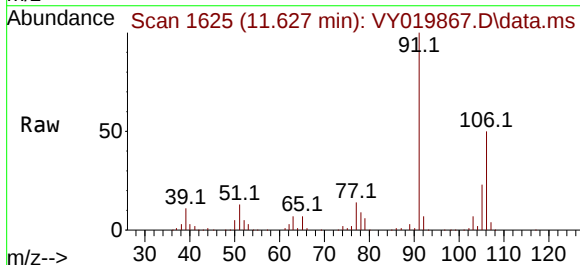
Acq: 11 Oct 2024 12:42

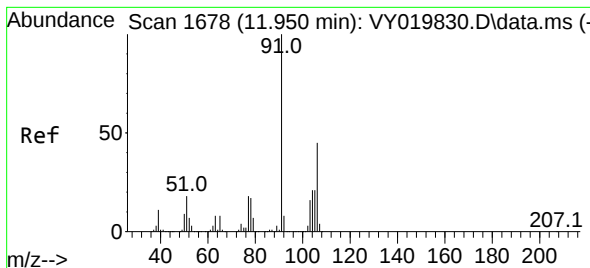
Tgt Ion: 106 Resp: 63535

Ion Ratio Lower Upper

106 100

91 208.5 156.0 234.0





#69

o-Xylene

Concen: 4.263 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

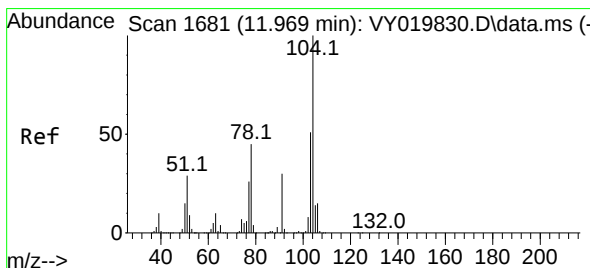
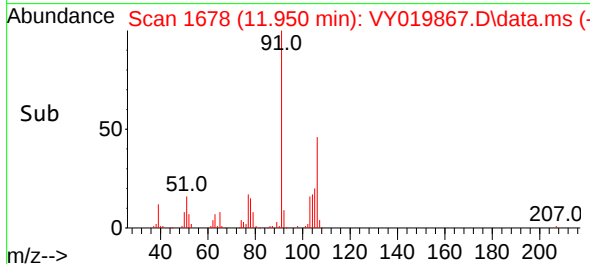
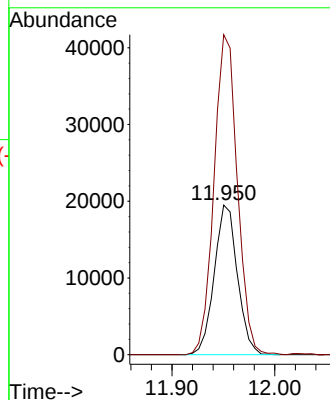
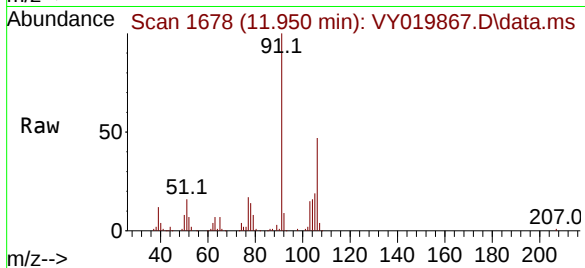
ClientSampleId :

Tgt Ion:106 Resp: 30456

Ion Ratio Lower Upper

106 100

91 215.9 103.6 310.8



#70

Styrene

Concen: 3.941 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

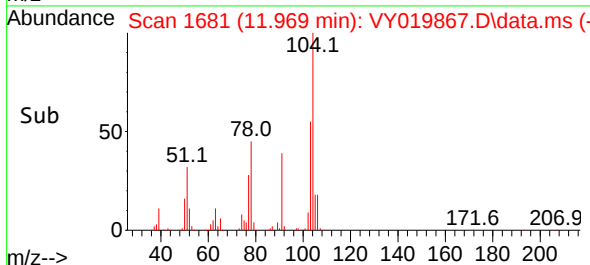
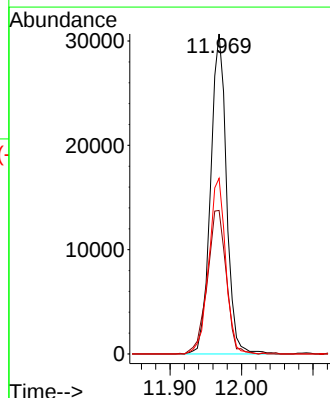
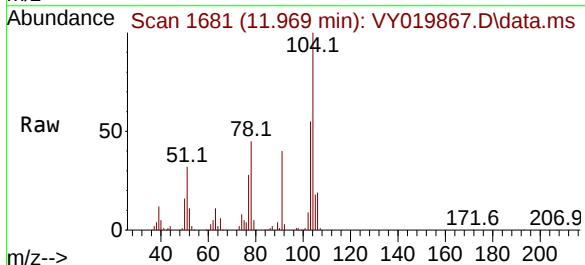
Tgt Ion:104 Resp: 47505

Ion Ratio Lower Upper

104 100

78 53.2 37.0 55.4

103 58.1 44.2 66.2





#71

Bromoform

Concen: 3.882 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

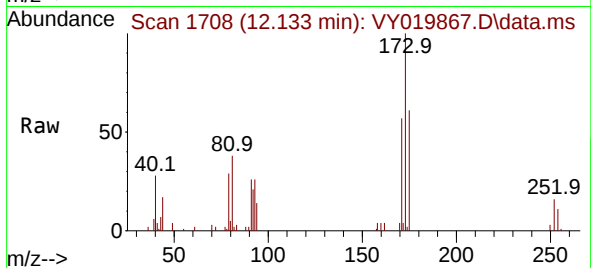
Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :



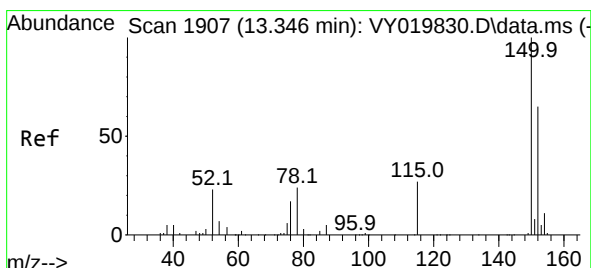
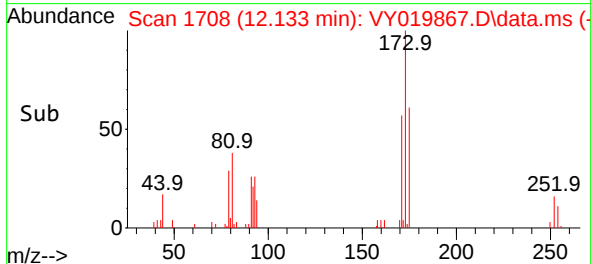
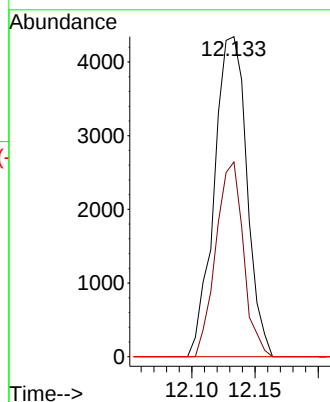
Tgt Ion:173 Resp: 7793

Ion Ratio Lower Upper

173 100

175 51.3 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: VY019867.D

Acq: 11 Oct 2024 12:42

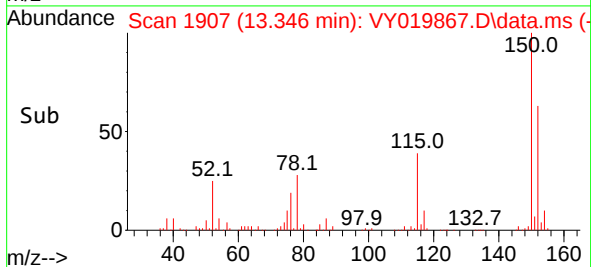
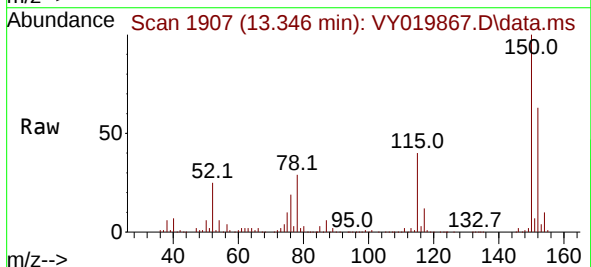
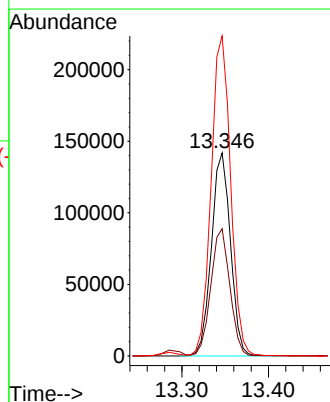
Tgt Ion:152 Resp: 216698

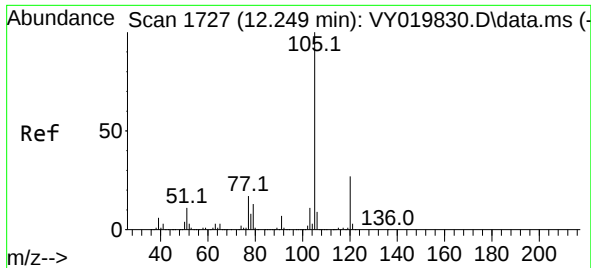
Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 160.9 0.0 345.6

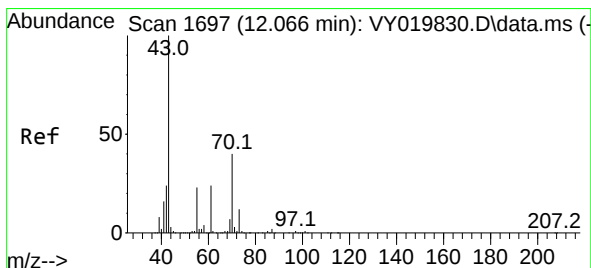
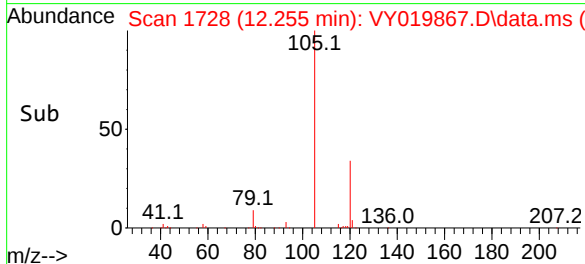
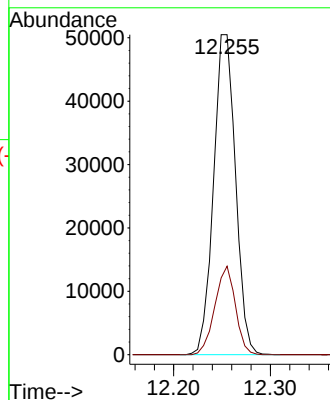
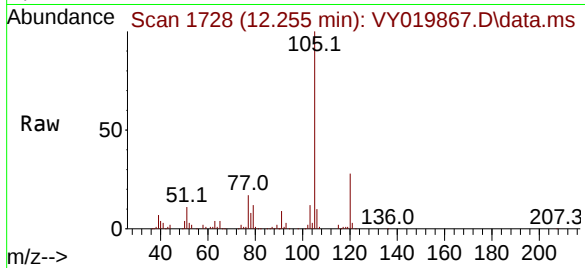




#73
Isopropylbenzene
Concen: 4.368 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

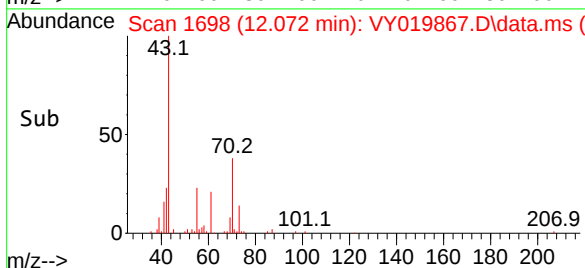
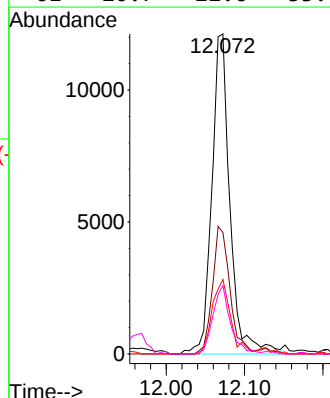
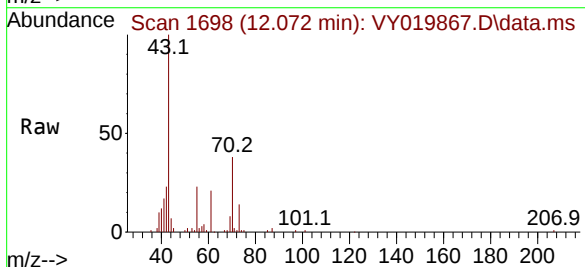
Instrument :
MSVOA_Y
ClientSampleId :

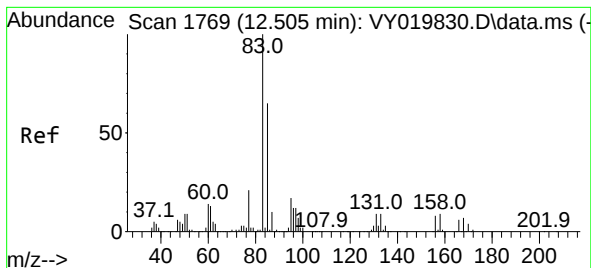
Tgt Ion:105 Resp: 79613
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 4.039 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 43 Resp: 19499
Ion Ratio Lower Upper
43 100
70 38.4 41.4 62.2#
55 23.4 23.3 34.9
61 20.7 22.6 33.8#





#75

1,1,2-Tetrachloroethane

Concen: 4.631 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

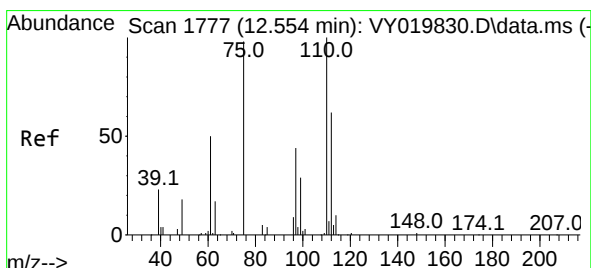
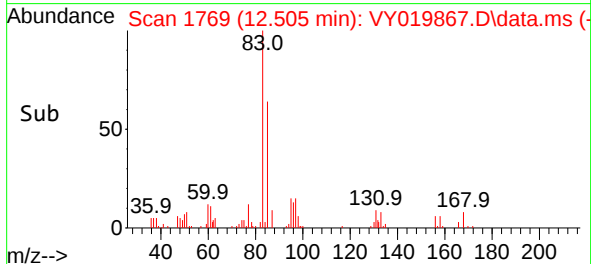
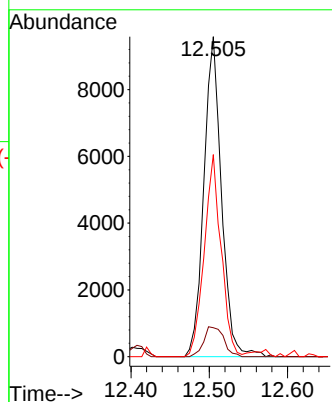
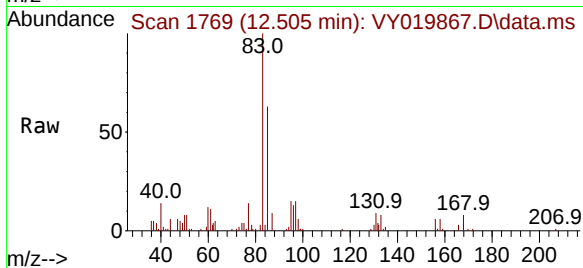
Tgt Ion: 83 Resp: 14999

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 60.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 4.310 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019867.D

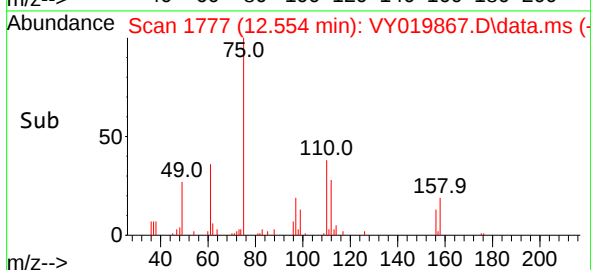
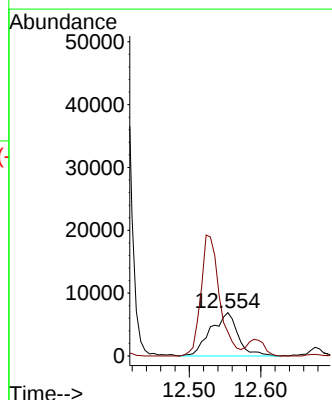
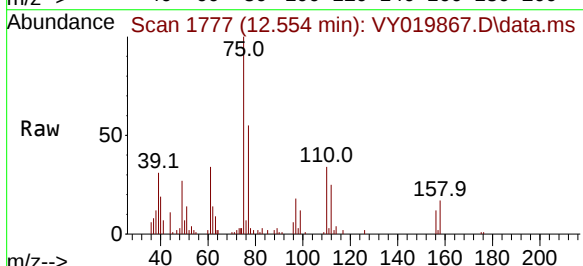
Acq: 11 Oct 2024 12:42

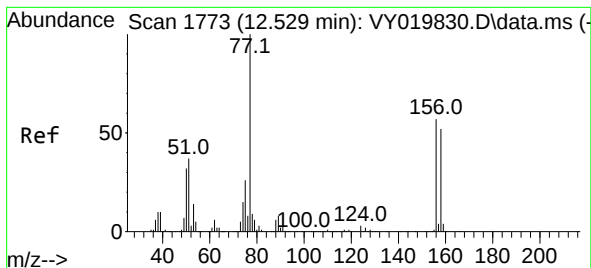
Tgt Ion: 75 Resp: 18296

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.483 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

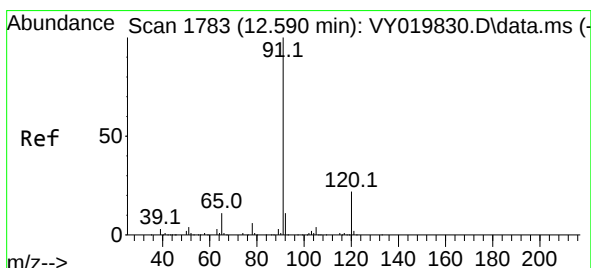
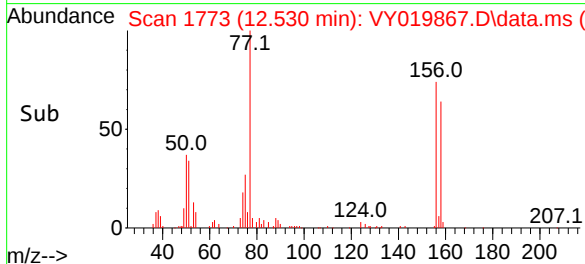
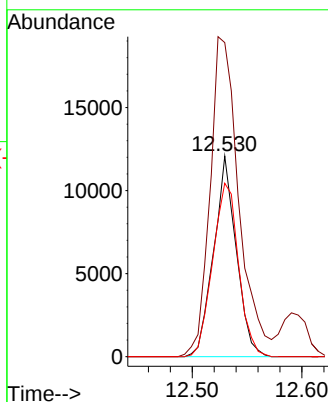
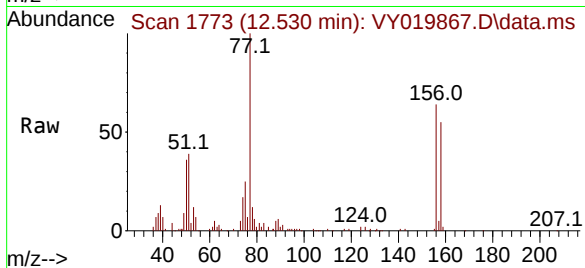
Tgt Ion:156 Resp: 17341

Ion Ratio Lower Upper

156 100

77 202.7 87.1 261.3

158 98.7 48.6 145.9



#78

n-propylbenzene

Concen: 4.443 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019867.D

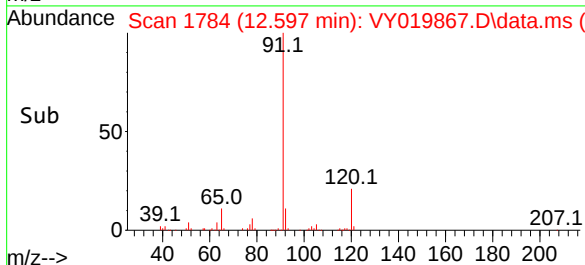
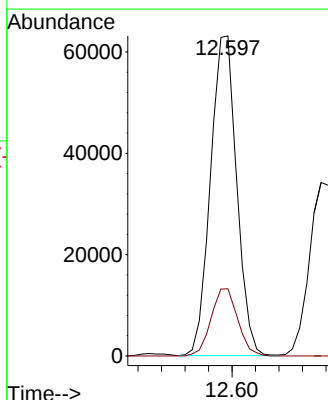
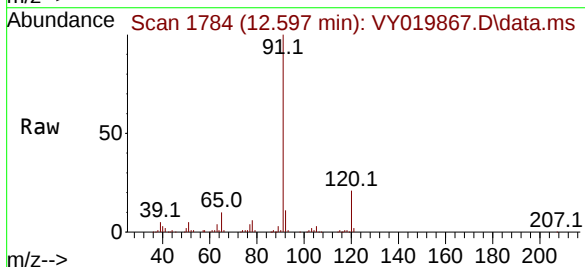
Acq: 11 Oct 2024 12:42

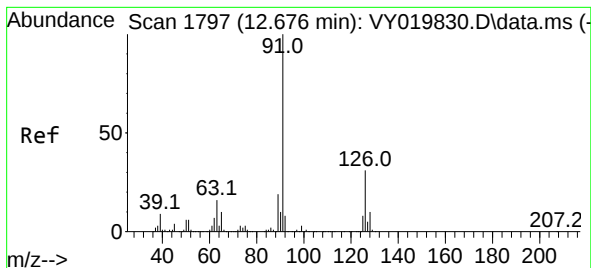
Tgt Ion: 91 Resp: 97843

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4

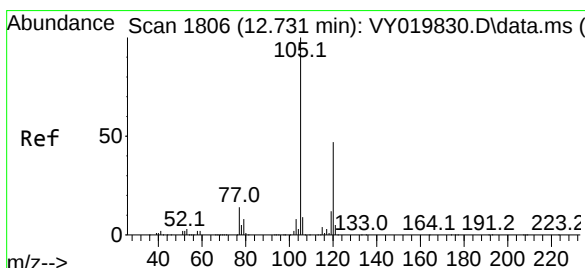
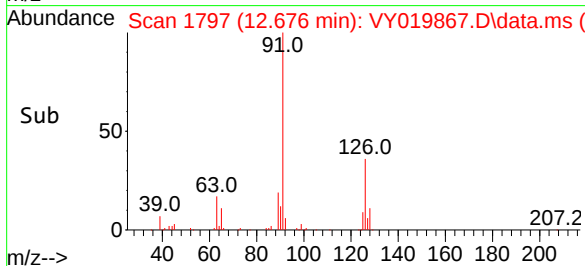
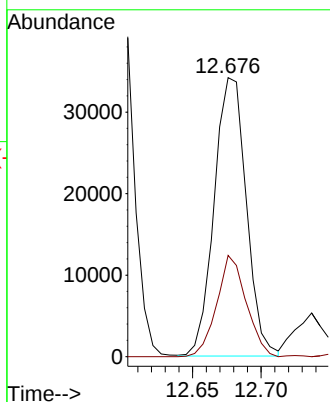
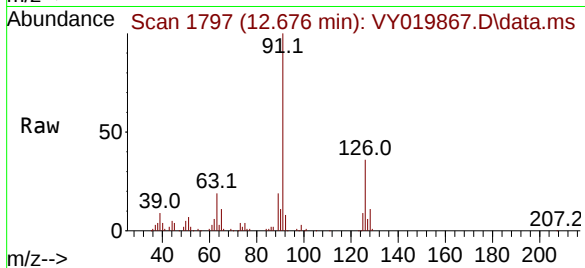




#79
2-Chlorotoluene
Concen: 4.412 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

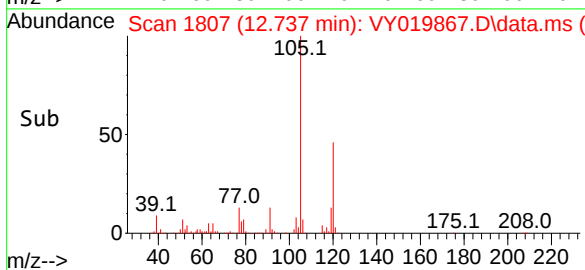
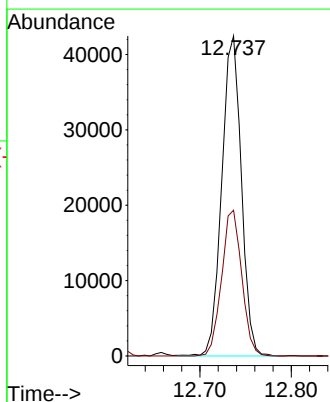
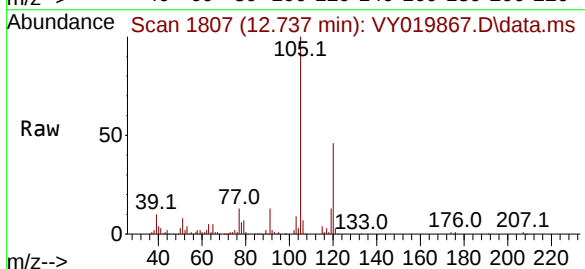
Instrument :
MSVOA_Y
ClientSampleId :

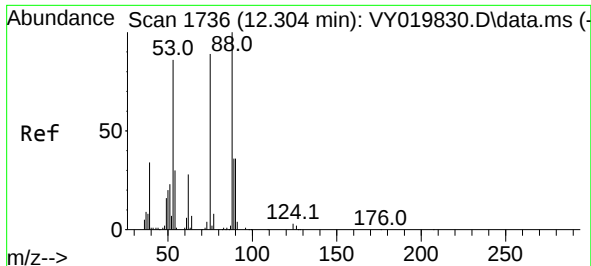
Tgt Ion: 91 Resp: 55708
Ion Ratio Lower Upper
91 100
126 33.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 4.296 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:105 Resp: 63237
Ion Ratio Lower Upper
105 100
120 46.8 25.1 75.2

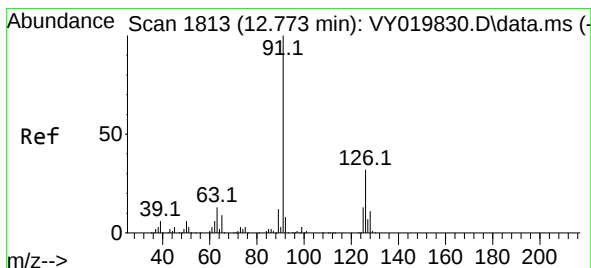
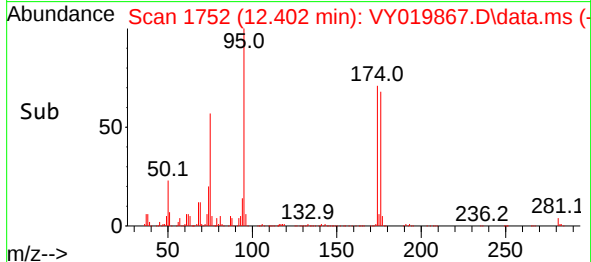
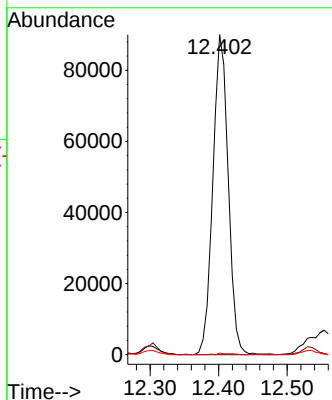
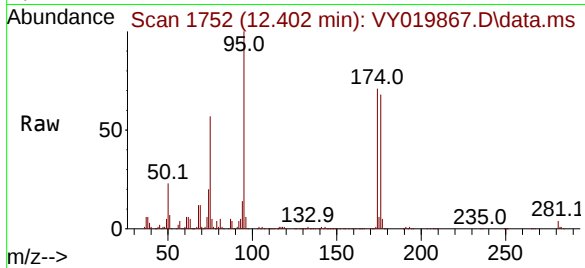




#81
trans-1,4-Dichloro-2-butene
Concen: 132.925 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

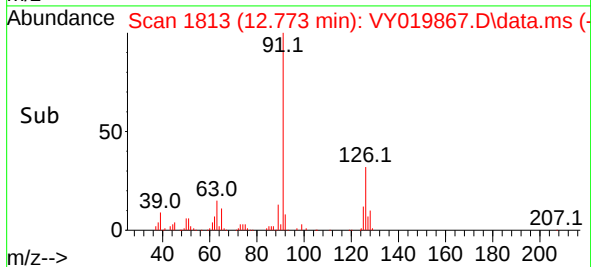
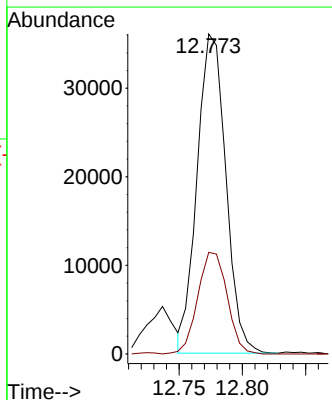
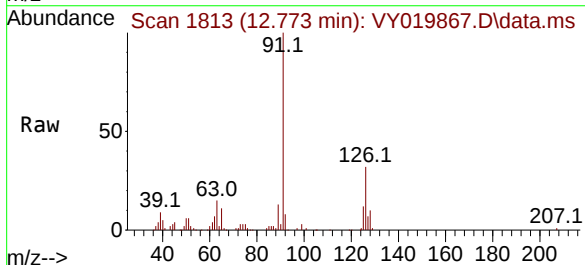
Instrument :
MSVOA_Y
ClientSampleId :

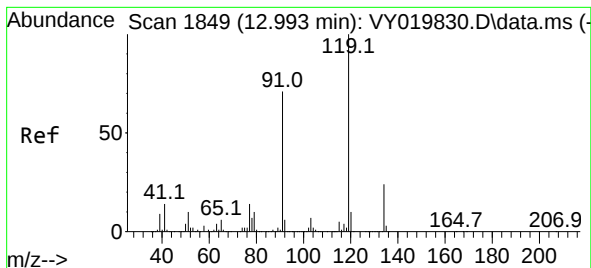
Tgt Ion: 75 Resp: 139798
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.4 35.8 53.6#



#82
4-Chlorotoluene
Concen: 4.420 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 91 Resp: 57069
Ion Ratio Lower Upper
91 100
126 32.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 4.272 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

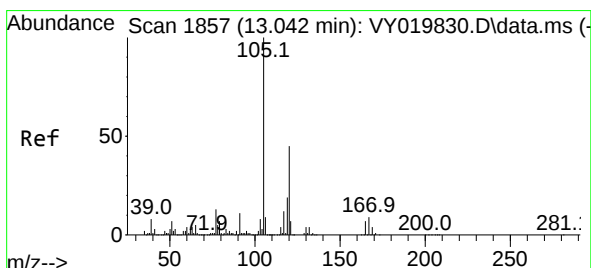
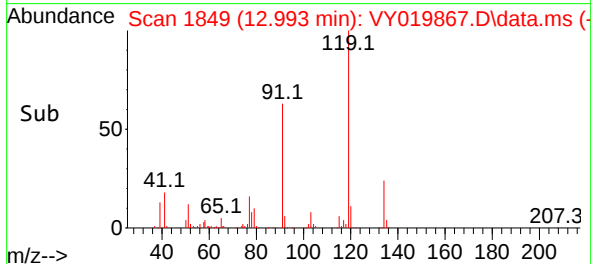
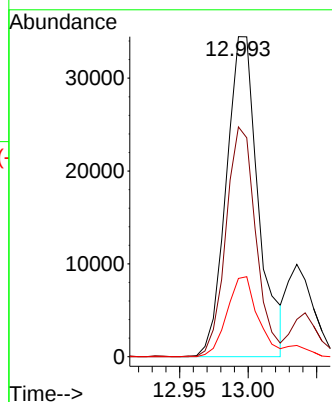
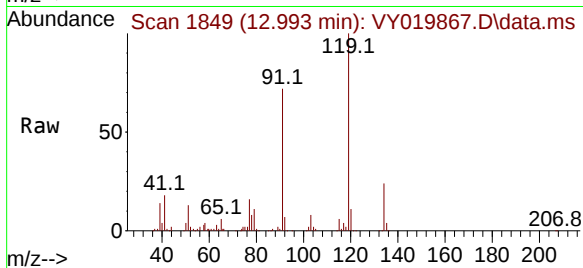
Tgt Ion:119 Resp: 56330

Ion Ratio Lower Upper

119 100

91 67.0 31.3 93.8

134 24.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 4.282 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019867.D

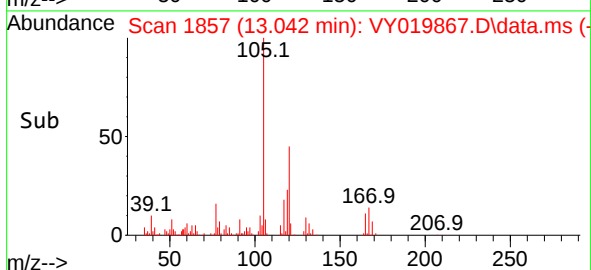
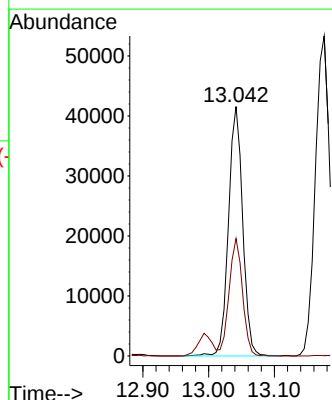
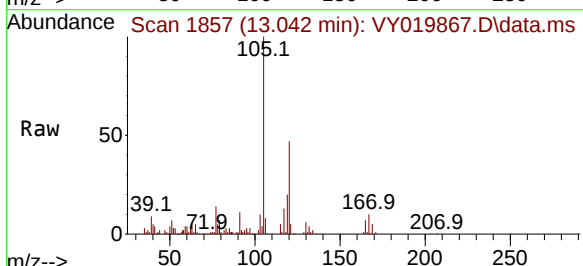
Acq: 11 Oct 2024 12:42

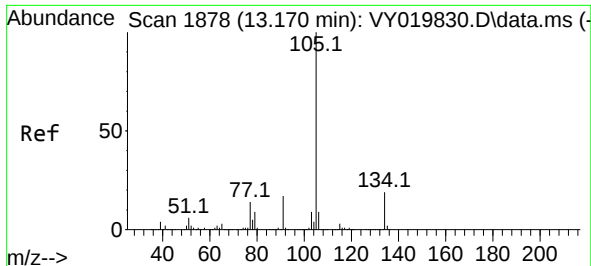
Tgt Ion:105 Resp: 62487

Ion Ratio Lower Upper

105 100

120 44.6 23.2 69.6

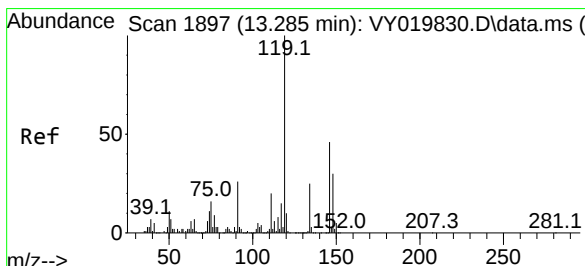
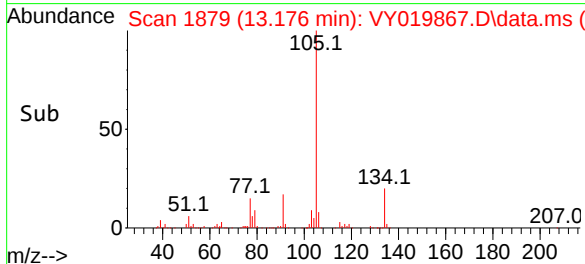
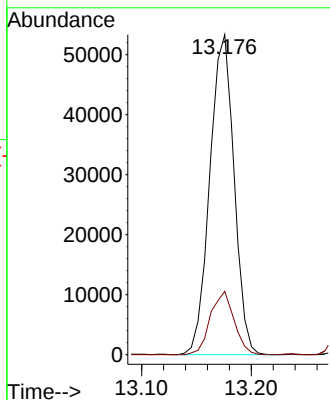
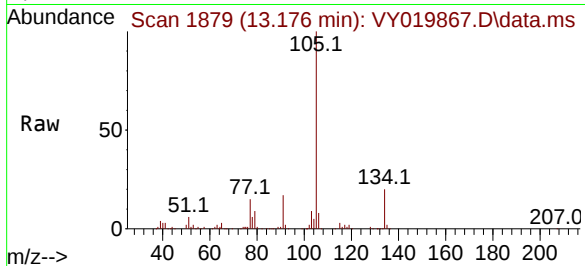




#85
 sec-Butylbenzene
 Concen: 4.166 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

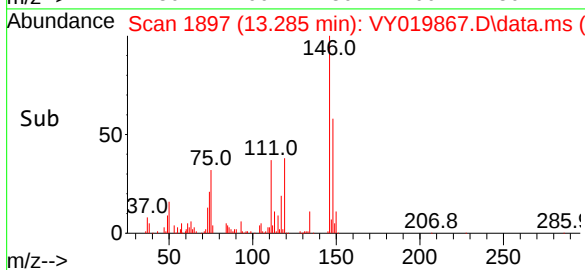
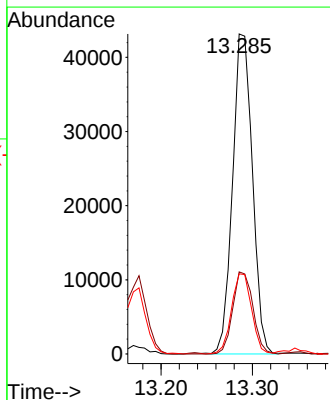
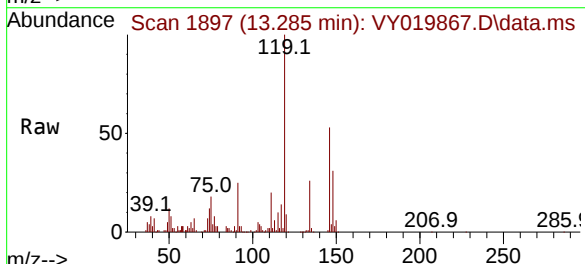
Instrument :
 MSVOA_Y
 ClientSampleId :

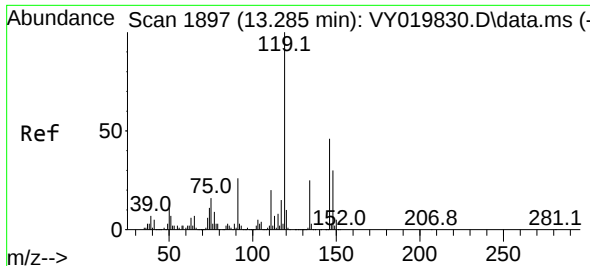
Tgt Ion:105 Resp: 82088
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 4.080 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

Tgt Ion:119 Resp: 65277
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 25.2 10.7 32.1

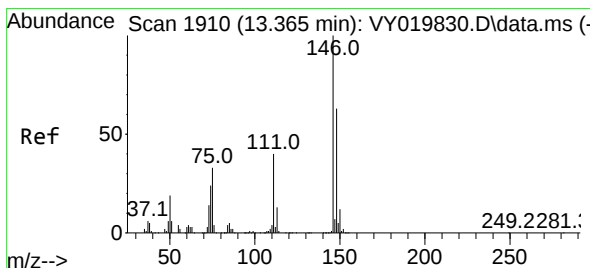
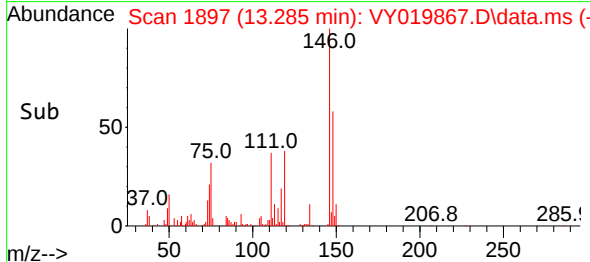
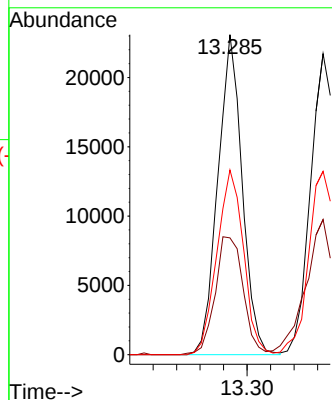
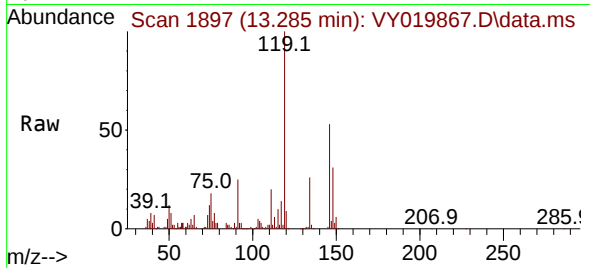




#87
1,3-Dichlorobenzene
Concen: 4.262 ug/l
RT: 13.285 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

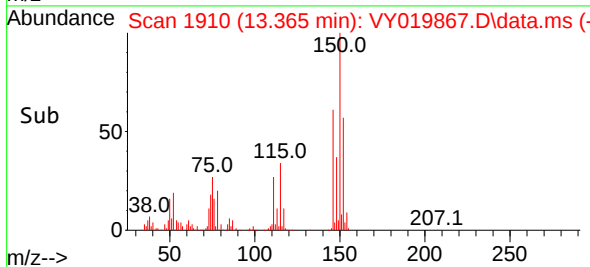
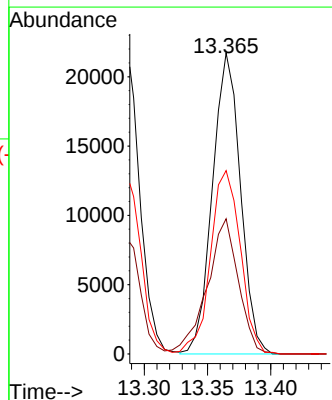
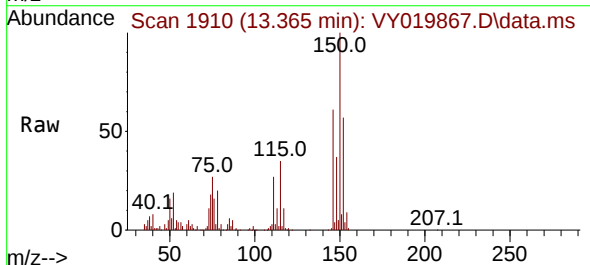
Instrument :
MSVOA_Y
ClientSampleId :

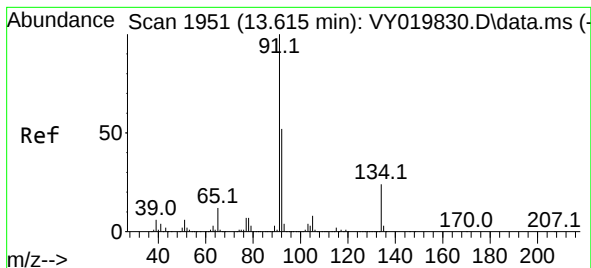
Tgt Ion:146 Resp: 33287
Ion Ratio Lower Upper
146 100
111 42.2 19.0 57.0
148 62.9 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 4.352 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:146 Resp: 33399
Ion Ratio Lower Upper
146 100
111 50.4 18.4 55.4
148 65.3 32.4 97.2





#89

n-Butylbenzene

Concen: 4.031 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019867.D

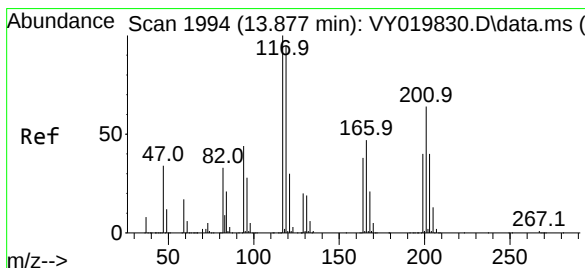
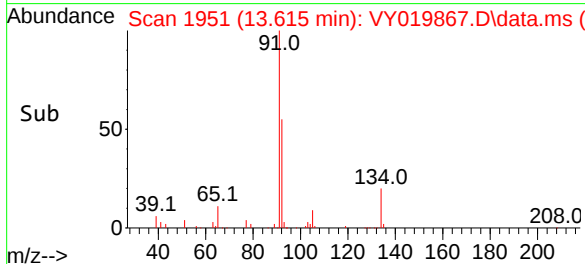
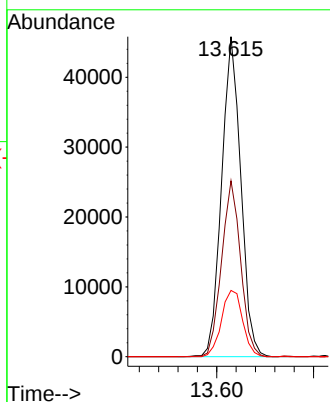
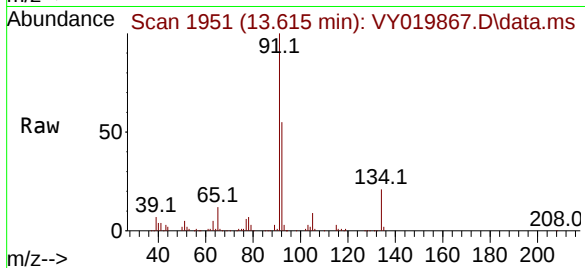
Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 62972
Ion Ratio	Lower Upper
91	100
92	54.5 26.6 79.7
134	22.9 12.9 38.7



#90

Hexachloroethane

Concen: 4.078 ug/l

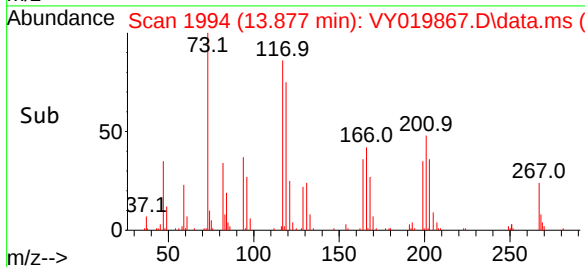
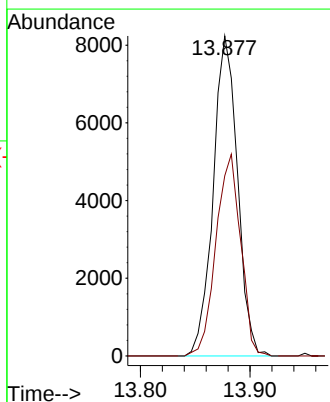
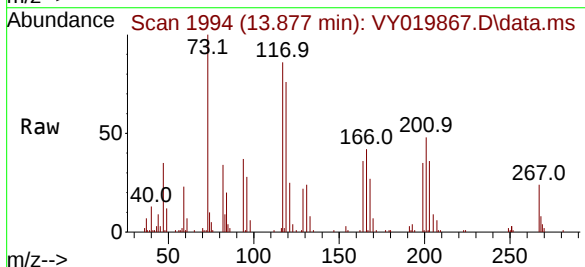
RT: 13.877 min Scan# 1994

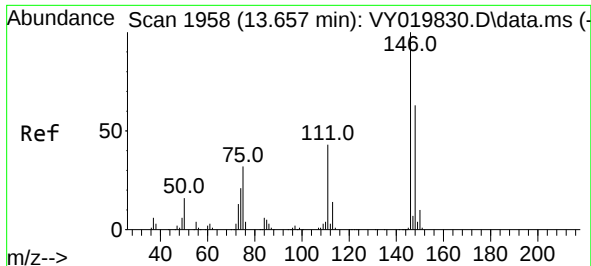
Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion: 117	Resp: 12704
Ion Ratio	Lower Upper
117	100
201	64.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 4.167 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019867.D

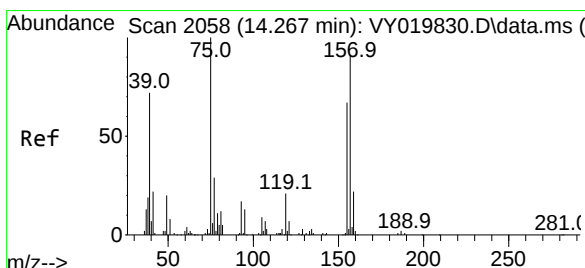
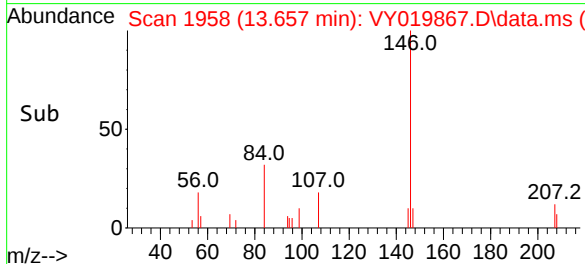
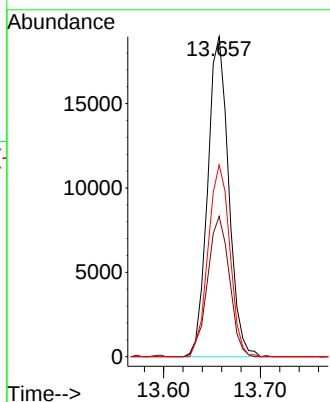
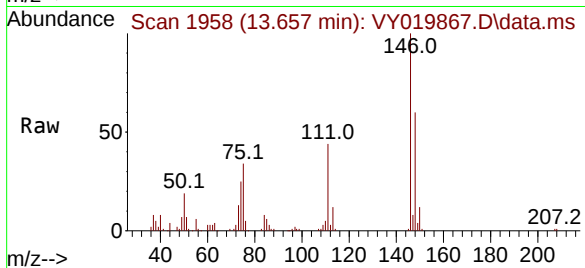
Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	28598
Ion Ratio	Lower	Upper
146	100	
111	45.7	19.9 59.7
148	62.0	31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.167 ug/l

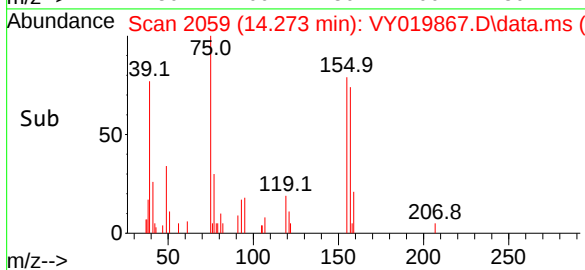
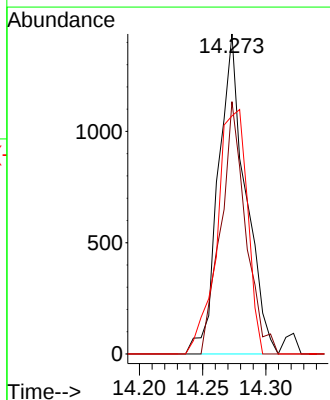
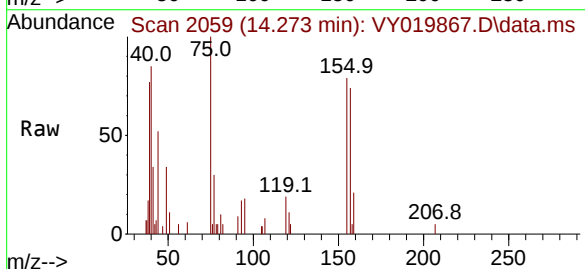
RT: 14.273 min Scan# 2059

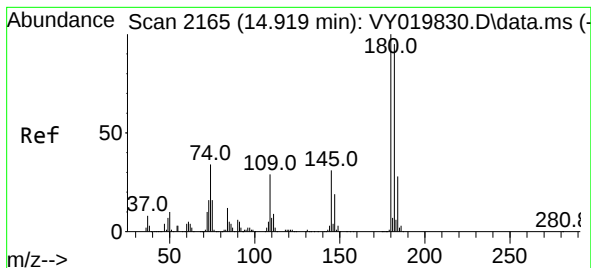
Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion: 75	Resp:	2154
Ion Ratio	Lower	Upper
75	100	
155	72.3	48.6 145.8
157	85.1	62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 3.902 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

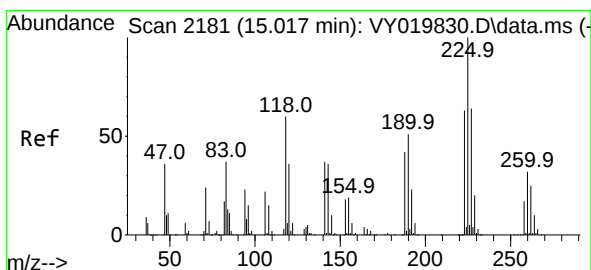
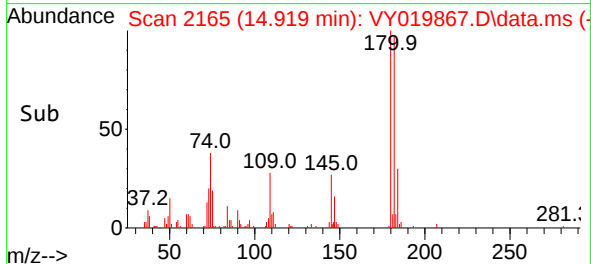
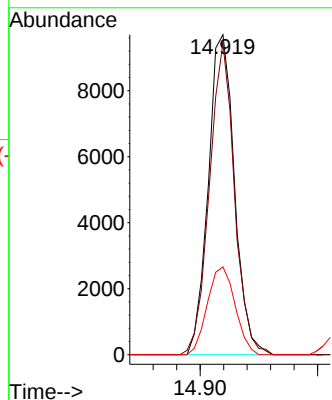
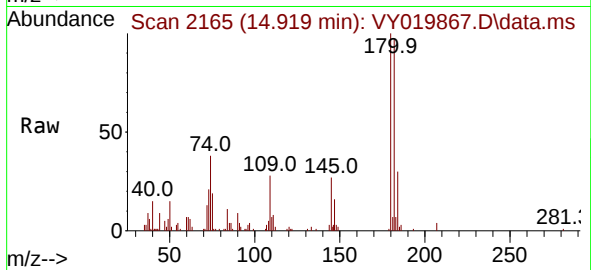
Tgt Ion:180 Resp: 15015

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.8

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 3.834 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

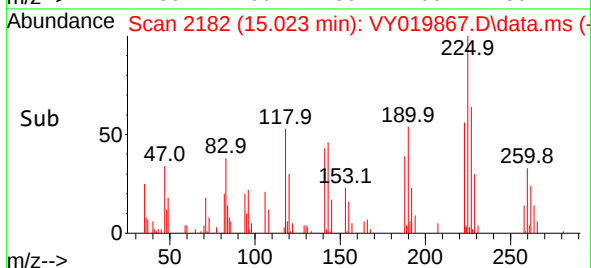
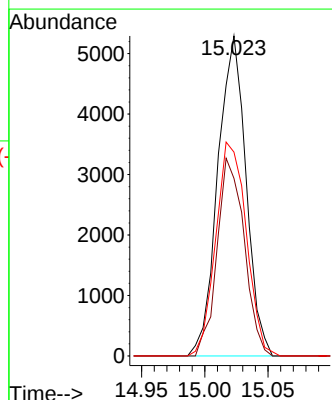
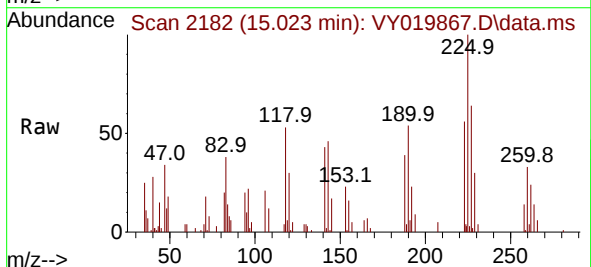
Tgt Ion:225 Resp: 8203

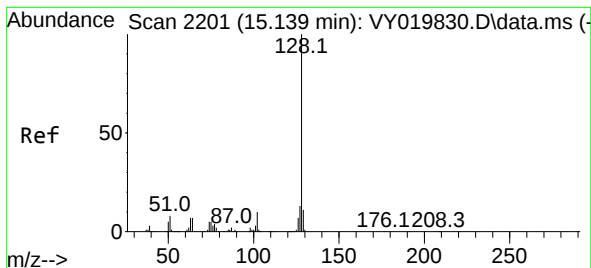
Ion Ratio Lower Upper

225 100

223 59.3 30.4 91.2

227 72.1 31.9 95.9





#95

Naphthalene

Concen: 3.444 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

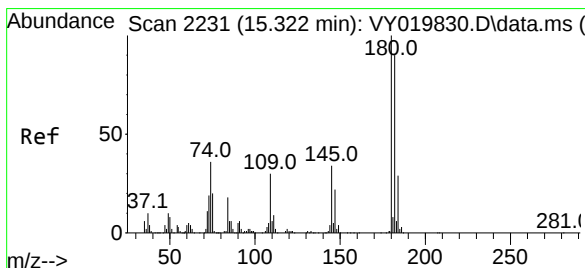
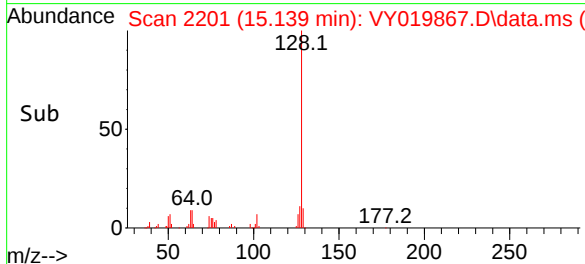
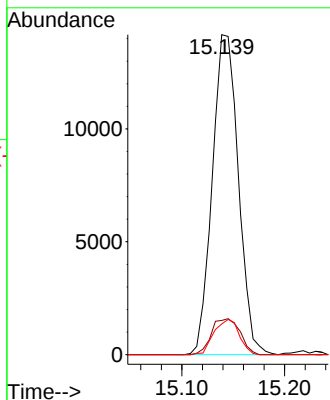
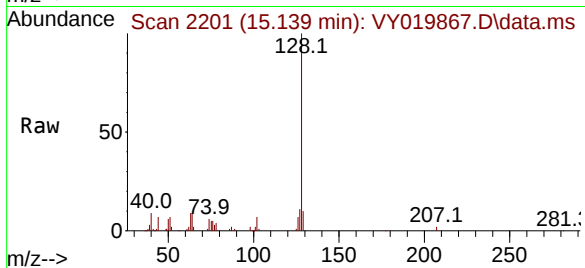
Tgt Ion:128 Resp: 25000

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.520 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion:180 Resp: 11452

Ion Ratio Lower Upper

180 100

182 102.8 47.6 142.9

145 34.6 15.4 46.1

