

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019917.D
 Acq On : 16 Oct 2024 15:52
 Operator : SY/MD
 Sample : VY1016SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:54:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	197092	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	346384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	298551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139987	57.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.360%	
35) Dibromofluoromethane	7.634	113	126573	55.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.740%	
50) Toluene-d8	10.103	98	454528	53.848	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.402	95	163936	53.750	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 107.500%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	43744	23.842	ug/l	93
3) Chloromethane	2.068	50	54595	22.862	ug/l	94
4) Vinyl Chloride	2.208	62	62791	23.895	ug/l	99
5) Bromomethane	2.592	94	40363	24.267	ug/l	94
6) Chloroethane	2.732	64	43454	24.615	ug/l	99
7) Trichlorofluoromethane	3.062	101	99290	25.393	ug/l	98
8) Diethyl Ether	3.458	74	28045	23.599	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	59740	26.266	ug/l	90
10) Methyl Iodide	4.007	142	49242	21.407	ug/l	92
11) Tert butyl alcohol	4.866	59	24083	112.863	ug/l #	97
12) 1,1-Dichloroethene	3.793	96	48771	23.066	ug/l #	79
13) Acrolein	3.659	56	21068	118.147	ug/l	99
14) Allyl chloride	4.385	41	89543	23.471	ug/l #	89
15) Acrylonitrile	5.067	53	63177	116.229	ug/l	96
16) Acetone	3.873	43	75207	119.049	ug/l #	81
17) Carbon Disulfide	4.104	76	105534	18.621	ug/l	97
18) Methyl Acetate	4.391	43	29678	21.808	ug/l #	89
19) Methyl tert-butyl Ether	5.116	73	142943	23.532	ug/l	98
20) Methylene Chloride	4.616	84	62566	26.424	ug/l #	78
21) trans-1,2-Dichloroethene	5.116	96	52218	22.691	ug/l #	78
22) Diisopropyl ether	6.025	45	212897	25.620	ug/l #	92
23) Vinyl Acetate	5.964	43	567965	119.224	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	117021	25.333	ug/l	94
25) 2-Butanone	6.902	43	100628	119.003	ug/l #	79
26) 2,2-Dichloropropane	6.884	77	98925	24.047	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	68766	24.180	ug/l	84
28) Bromochloromethane	7.250	49	54521	26.816	ug/l #	72
29) Tetrahydrofuran	7.262	42	56982	118.021	ug/l #	79
30) Chloroform	7.421	83	121213	25.742	ug/l	95
31) Cyclohexane	7.701	56	93571	23.076	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	101717	24.649	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	80520	24.452	ug/l	93
37) Ethyl Acetate	6.994	43	39945	23.263	ug/l	96
38) Carbon Tetrachloride	7.823	117	87045	24.657	ug/l	97
39) Methylcyclohexane	9.109	83	96544	23.268	ug/l #	88
40) Benzene	8.079	78	243274	24.410	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	19247	20.710	ug/l	90
42) 1,2-Dichloroethane	8.158	62	70462	24.610	ug/l	96
43) Isopropyl Acetate	8.201	43	80259	22.919	ug/l #	79
44) Trichloroethene	8.866	130	56619	23.456	ug/l	90
45) 1,2-Dichloropropane	9.140	63	63147	25.315	ug/l	99
46) Dibromomethane	9.231	93	31973	23.460	ug/l	90
47) Bromodichloromethane	9.420	83	88265	24.400	ug/l	99
48) Methyl methacrylate	9.225	41	35936	23.329	ug/l #	79
49) 1,4-Dioxane	9.225	88	7501	491.753	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	208759	116.874	ug/l	89
52) Toluene	10.170	92	150664	24.219	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	74061	22.754	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	87903	22.888	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	43680	24.326	ug/l	93
56) Ethyl methacrylate	10.438	69	59907	23.251	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	76511	24.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	138922	115.823	ug/l	93
59) 2-Hexanone	10.762	43	150475	117.950	ug/l	86
60) Dibromochloromethane	10.908	129	53969	23.417	ug/l	100
61) 1,2-Dibromoethane	11.012	107	39246	24.187	ug/l	97
64) Tetrachloroethene	10.646	164	48644	22.907	ug/l	92
65) Chlorobenzene	11.438	112	164421	24.078	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	54927	23.774	ug/l	98
67) Ethyl Benzene	11.518	91	302257	24.367	ug/l	98
68) m/p-Xylenes	11.627	106	219041	47.813	ug/l	93
69) o-Xylene	11.950	106	106679	24.236	ug/l	94
70) Styrene	11.969	104	181052	24.380	ug/l	95
71) Bromoform	12.133	173	27916	22.571	ug/l #	97
73) Isopropylbenzene	12.255	105	290403	23.293	ug/l	98
74) N-amyl acetate	12.072	43	70435	21.331	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	50707	22.890	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	64521	22.221	ug/l #	100
77) Bromobenzene	12.530	156	57710	21.813	ug/l	82
78) n-propylbenzene	12.590	91	363128	24.105	ug/l	96
79) 2-Chlorotoluene	12.676	91	201259	23.304	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	233679	23.209	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	15177	21.098	ug/l #	84
82) 4-Chlorotoluene	12.773	91	205600	23.283	ug/l	95
83) tert-Butylbenzene	12.993	119	219980	24.389	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	229604	23.001	ug/l	97
85) sec-Butylbenzene	13.176	105	329850	24.476	ug/l	97
86) p-Isopropyltoluene	13.292	119	261791	23.923	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	122747	22.975	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	120813	23.018	ug/l	97
89) n-Butylbenzene	13.615	91	258386	24.181	ug/l	98
90) Hexachloroethane	13.877	117	49196	23.088	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	106694	22.728	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	8034	22.724	ug/l	65
93) 1,2,4-Trichlorobenzene	14.919	180	58749	22.318	ug/l	98
94) Hexachlorobutadiene	15.023	225	34094	23.297	ug/l	95
95) Naphthalene	15.145	128	106648	21.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	50009	22.474	ug/l	98

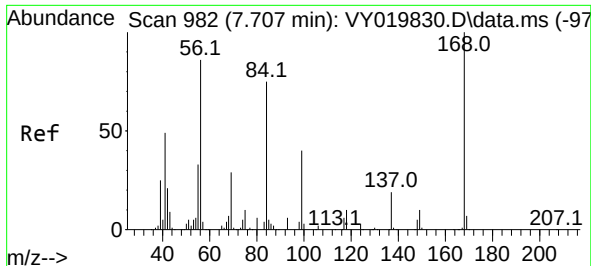
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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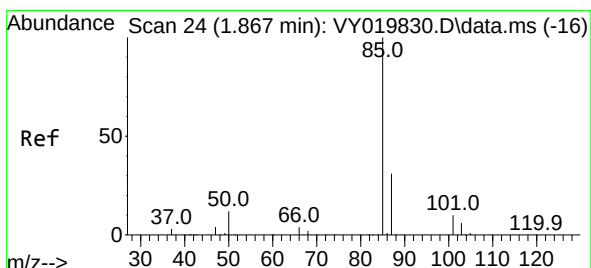
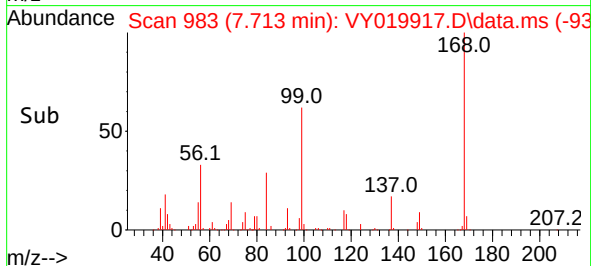
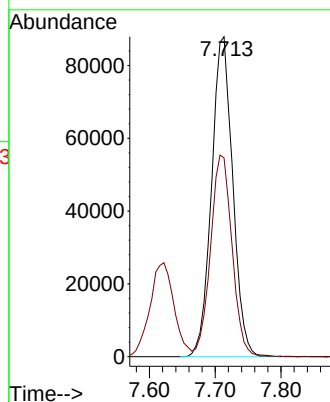
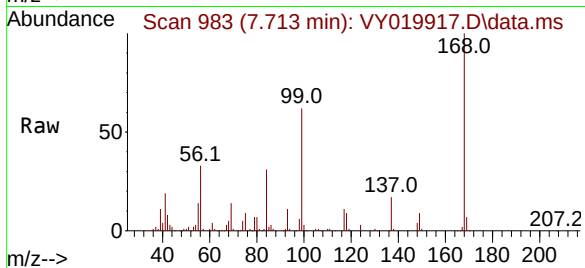
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019917.D
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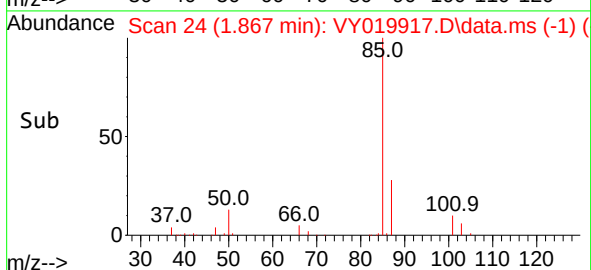
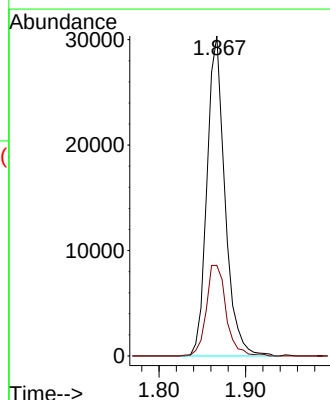
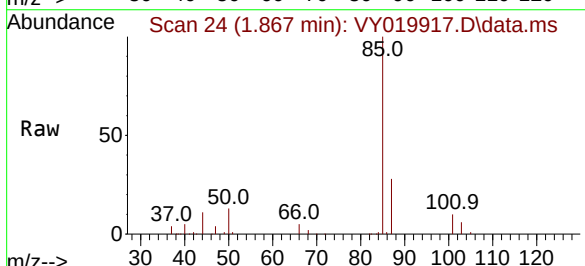
Instrument :
MSVOA_Y
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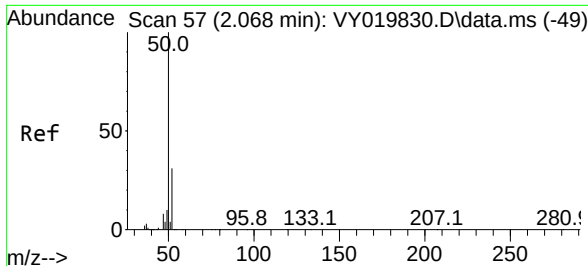
Tgt Ion:168 Resp: 197092
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 23.842 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 85 Resp: 43744
Ion Ratio Lower Upper
85 100
87 28.3 16.0 48.0

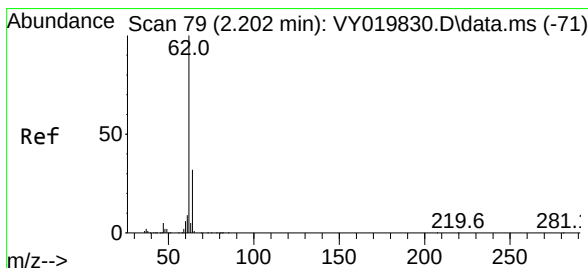
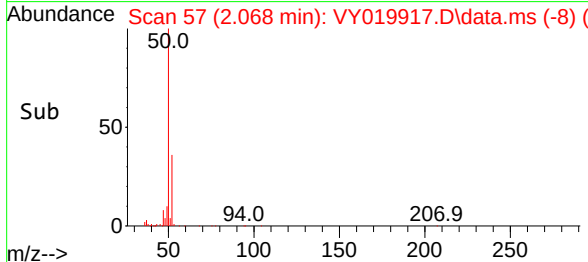
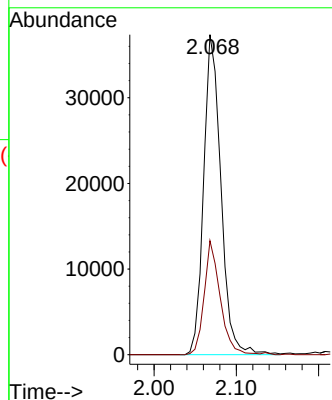
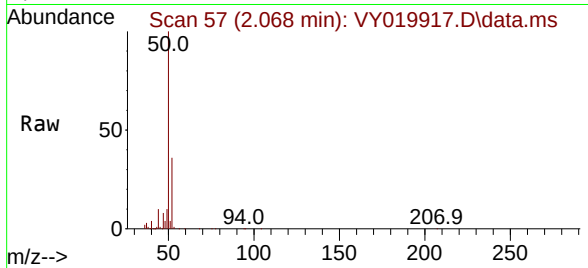




#3
Chloromethane
Concen: 22.862 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

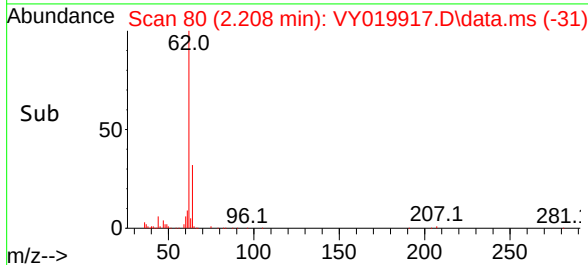
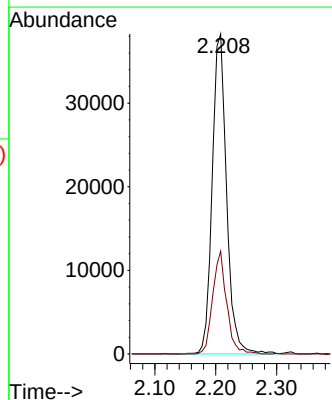
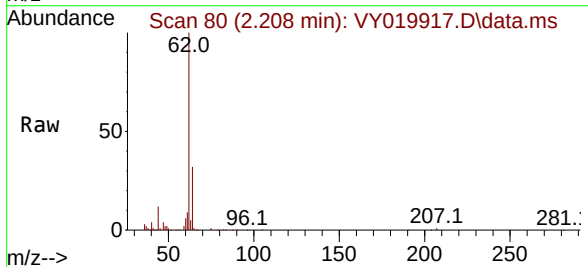
Instrument :
MSVOA_Y
ClientSampleId :

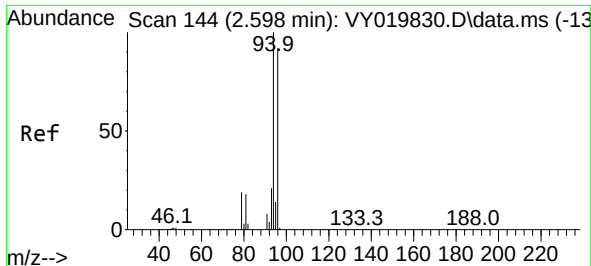
Tgt Ion: 50 Resp: 54595
Ion Ratio Lower Upper
50 100
52 35.6 25.6 38.4



#4
Vinyl Chloride
Concen: 23.895 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 62 Resp: 62791
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

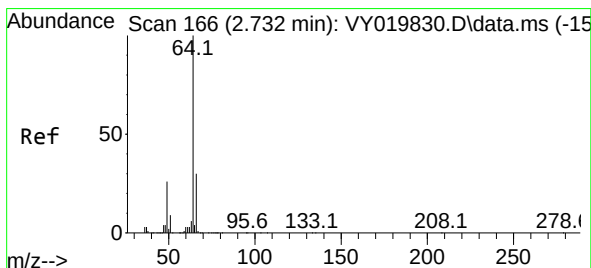
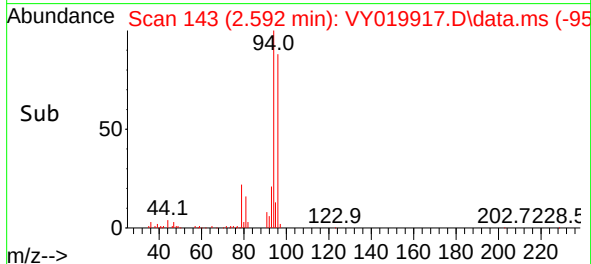
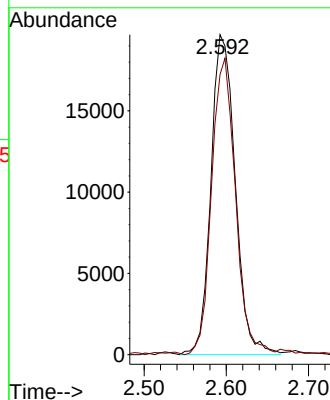
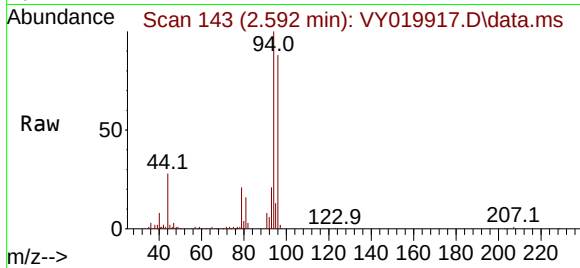




#5
Bromomethane
Concen: 24.267 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

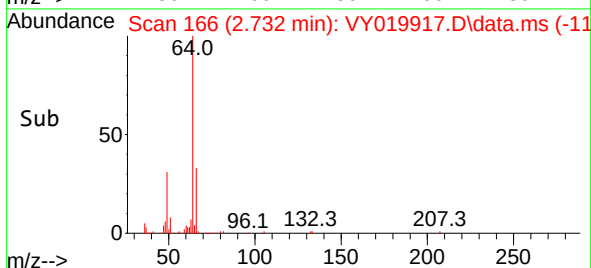
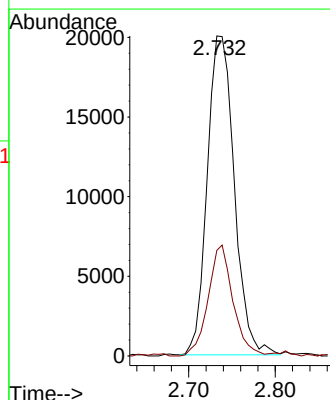
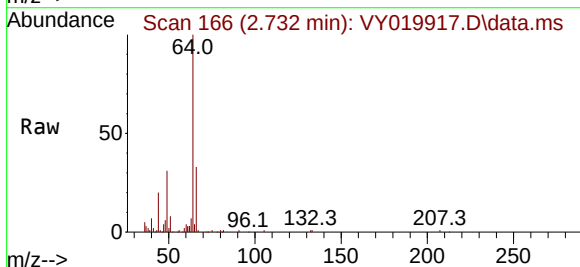
Instrument :
MSVOA_Y
ClientSampleId :

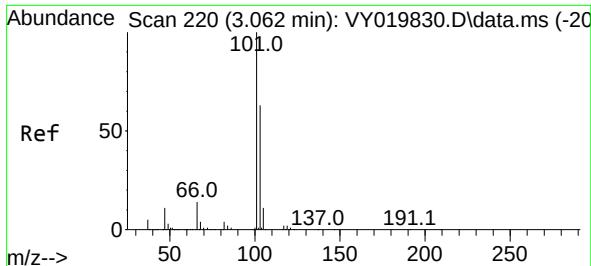
Tgt Ion: 94 Resp: 40363
Ion Ratio Lower Upper
94 100
96 87.2 74.1 111.1



#6
Chloroethane
Concen: 24.615 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 64 Resp: 43454
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

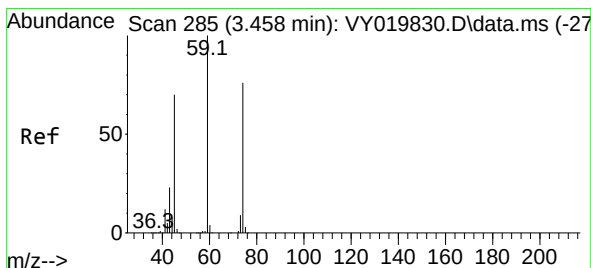
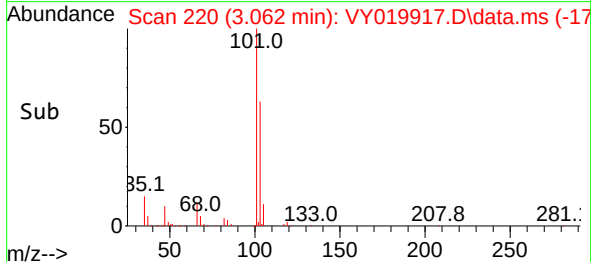
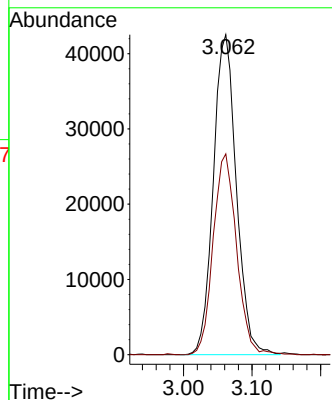
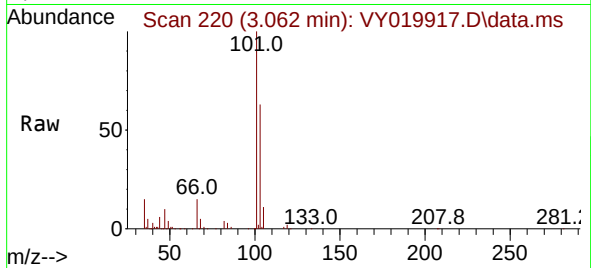




#7
 Trichlorofluoromethane
 Concen: 25.393 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019917.D
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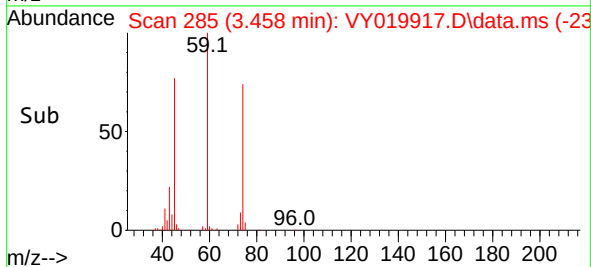
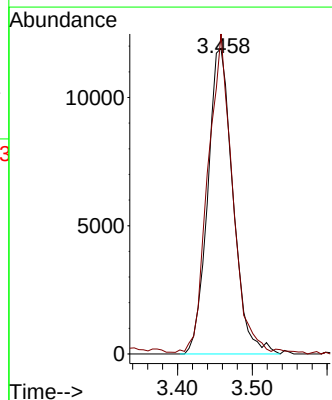
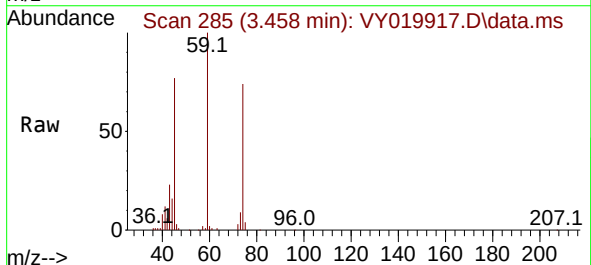
Instrument :
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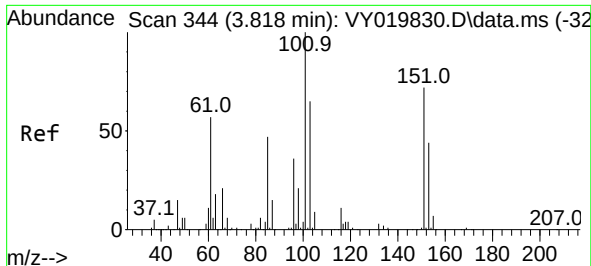
Tgt Ion:101 Resp: 99290
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 23.599 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019917.D
 Acq: 16 Oct 2024 15:52

Tgt Ion: 74 Resp: 28045
 Ion Ratio Lower Upper
 74 100
 45 100.2 41.3 124.1

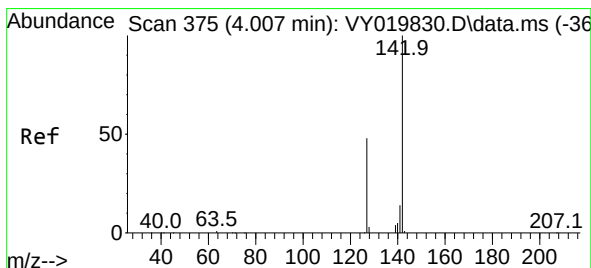
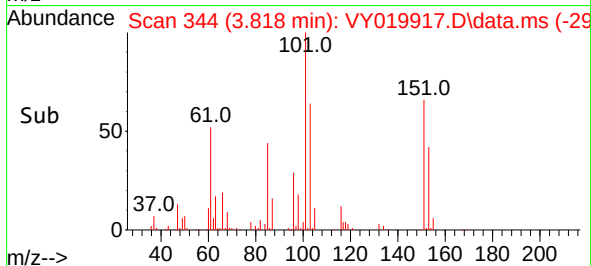
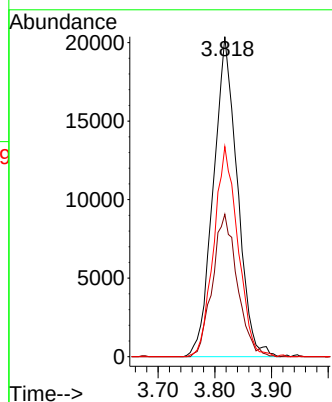
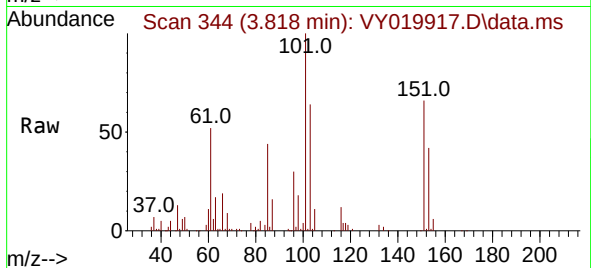




#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.266 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY019917.D
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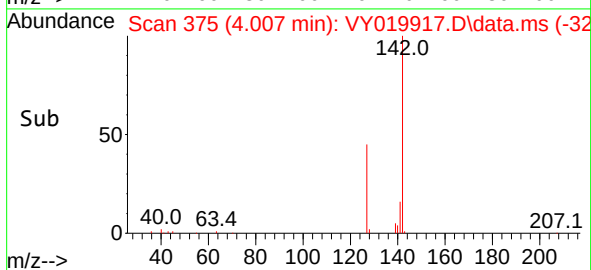
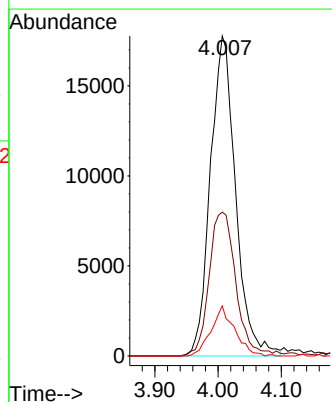
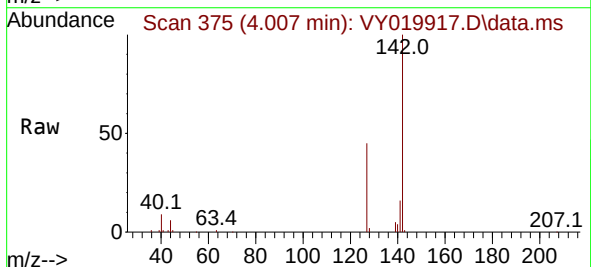
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MSVOA_Y
ClientSampleId :

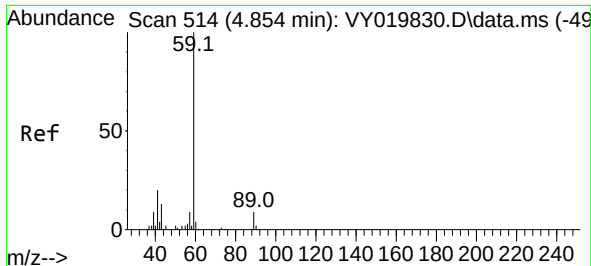
Tgt Ion:101 Resp: 59740
Ion Ratio Lower Upper
101 100
85 46.0 34.5 51.7
151 66.1 61.7 92.5



#10
Methyl Iodide
Concen: 21.407 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion:142 Resp: 49242
Ion Ratio Lower Upper
142 100
127 47.7 32.8 49.2
141 14.6 11.4 17.2

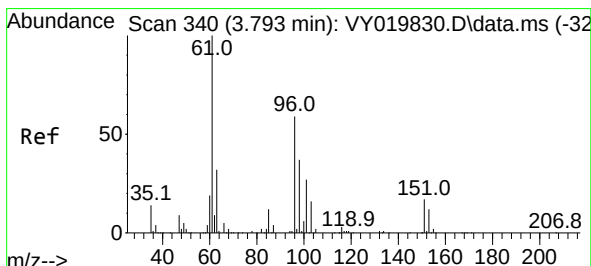
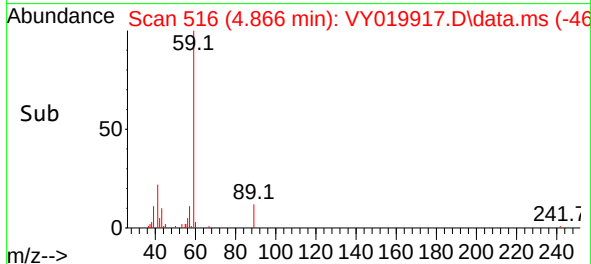
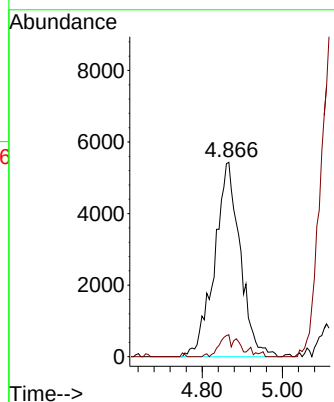
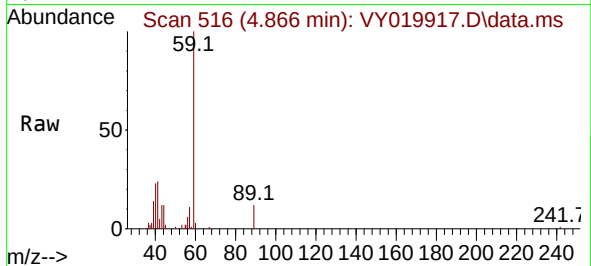




#11
Tert butyl alcohol
Concen: 112.863 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

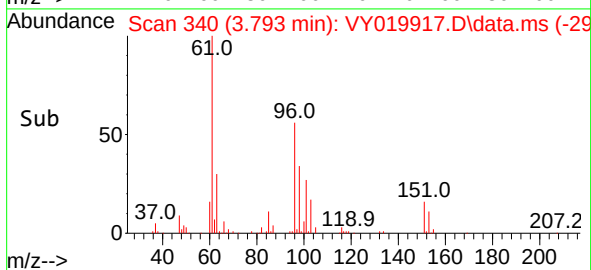
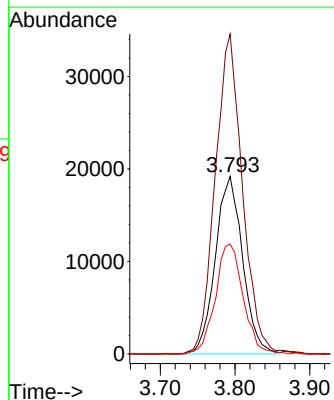
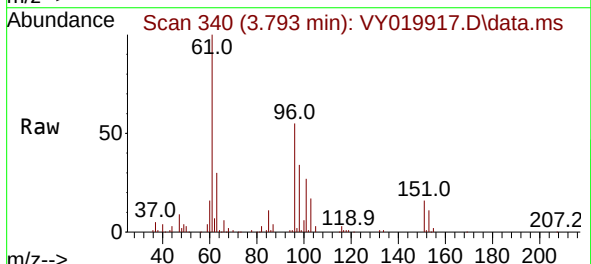
Instrument :
MSVOA_Y
ClientSampleId :

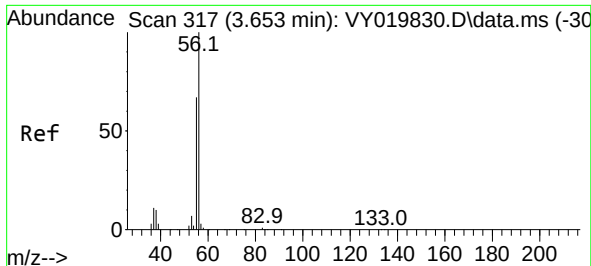
Tgt Ion: 59 Resp: 24083
Ion Ratio Lower Upper
59 100
57 4.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 23.066 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 96 Resp: 48771
Ion Ratio Lower Upper
96 100
61 180.2 114.6 171.8#
98 61.8 50.8 76.2





#13

Acrolein

Concen: 118.147 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

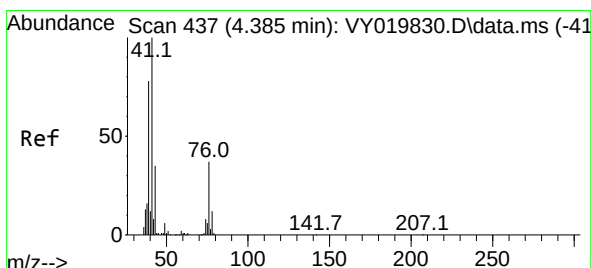
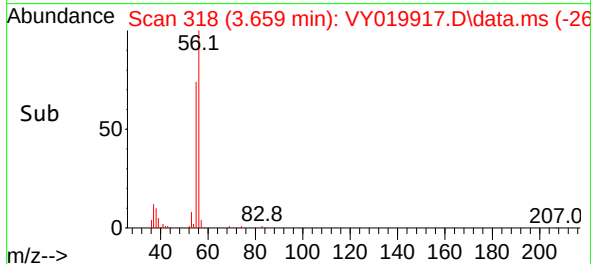
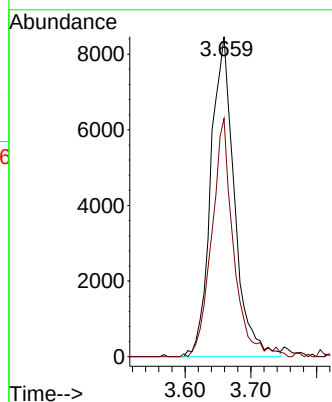
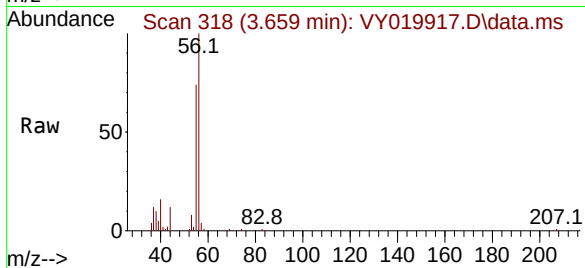
ClientSampleId :

Tgt Ion: 56 Resp: 21068

Ion Ratio Lower Upper

56 100

55 68.9 55.7 83.5



#14

Allyl chloride

Concen: 23.471 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

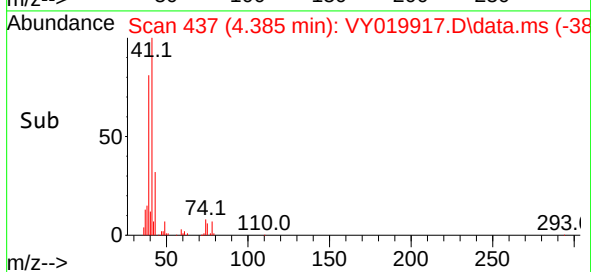
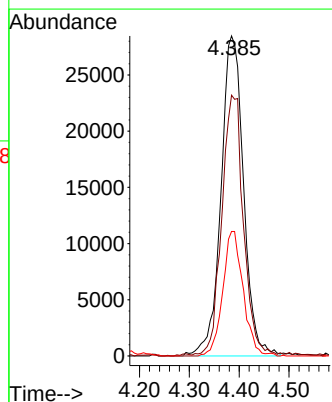
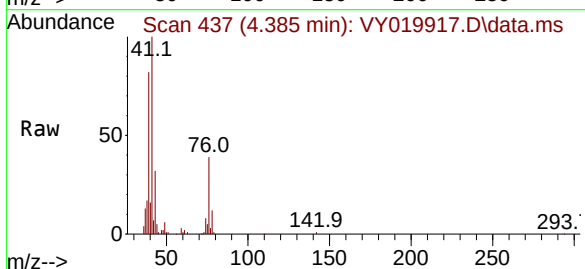
Tgt Ion: 41 Resp: 89543

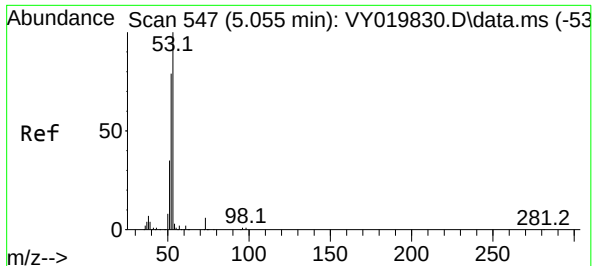
Ion Ratio Lower Upper

41 100

39 77.4 58.3 87.5

76 35.3 39.0 58.6#

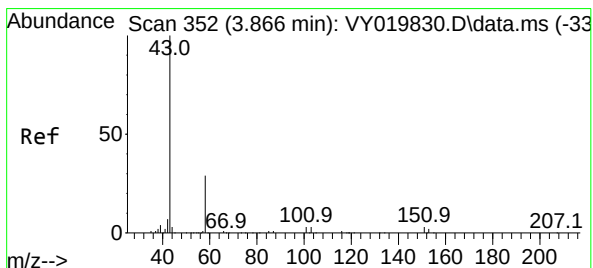
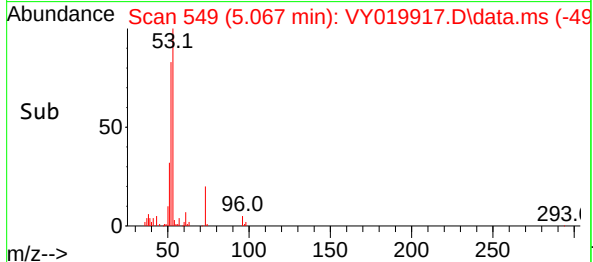
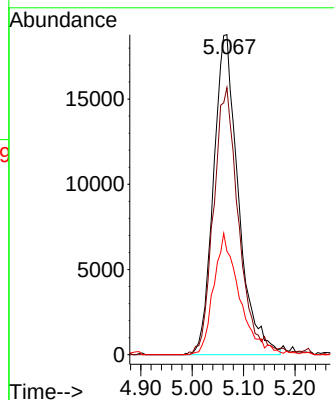
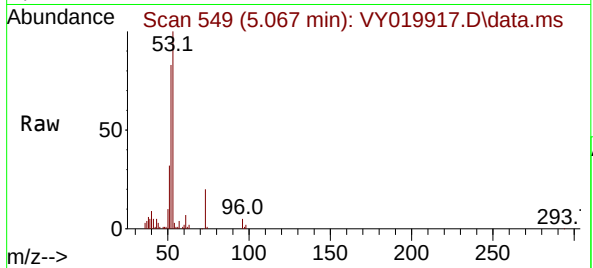




#15
Acrylonitrile
Concen: 116.229 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

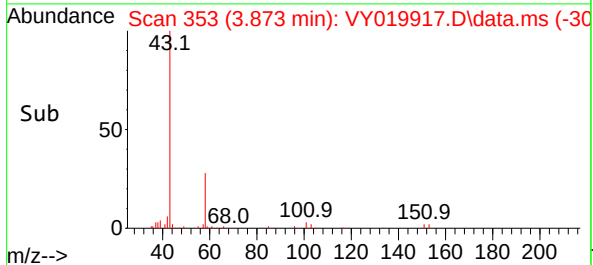
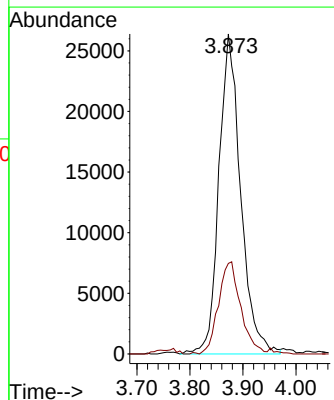
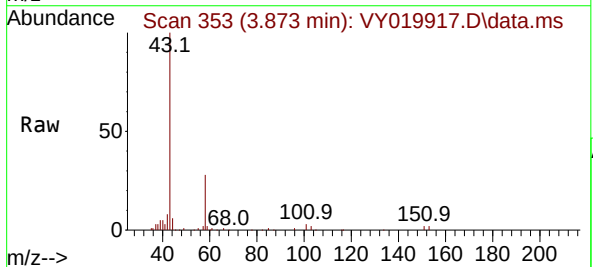
Instrument :
MSVOA_Y
ClientSampleId :

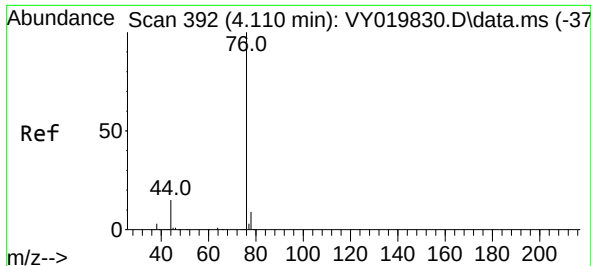
Tgt Ion: 53 Resp: 63177
Ion Ratio Lower Upper
53 100
52 84.2 64.7 97.1
51 39.1 28.4 42.6



#16
Acetone
Concen: 119.049 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 43 Resp: 75207
Ion Ratio Lower Upper
43 100
58 27.8 31.7 47.5#





#17

Carbon Disulfide

Concen: 18.621 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

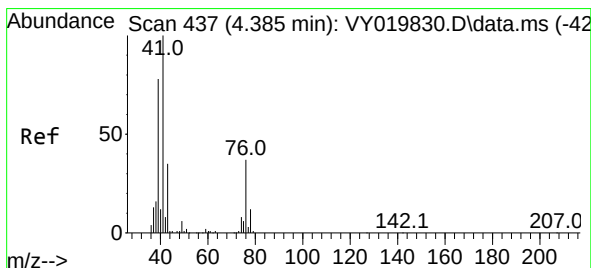
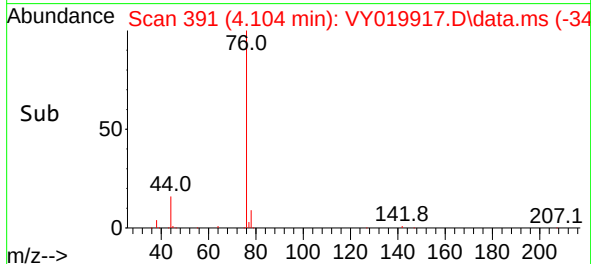
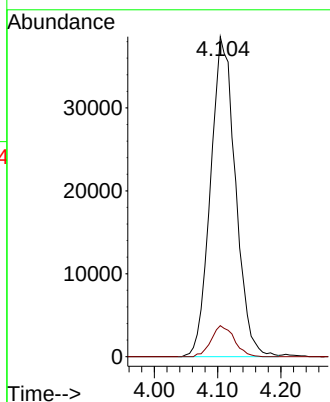
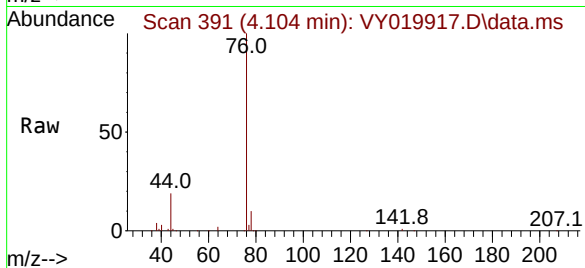
ClientSampleId :

Tgt Ion: 76 Resp: 105534

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2



#18

Methyl Acetate

Concen: 21.808 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019917.D

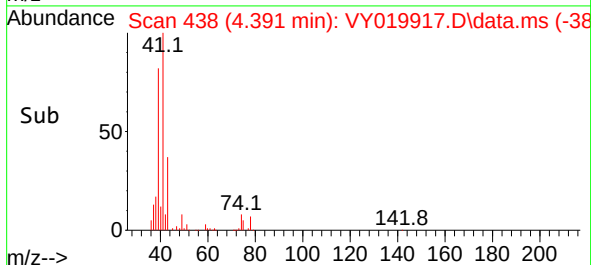
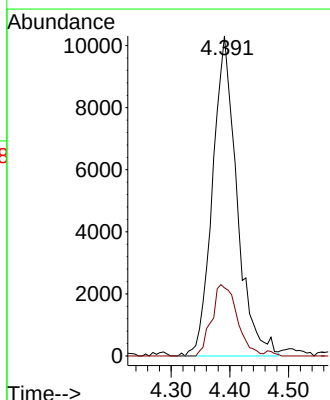
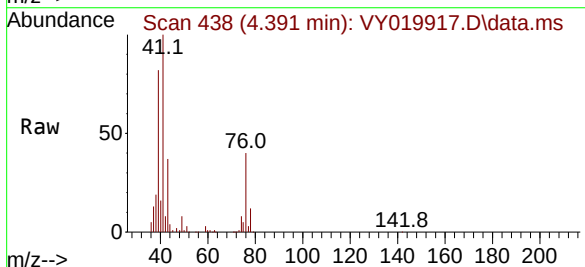
Acq: 16 Oct 2024 15:52

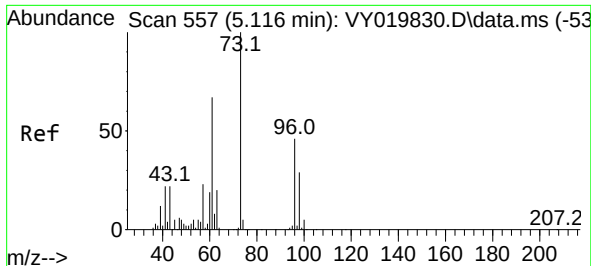
Tgt Ion: 43 Resp: 29678

Ion Ratio Lower Upper

43 100

74 23.3 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 23.532 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

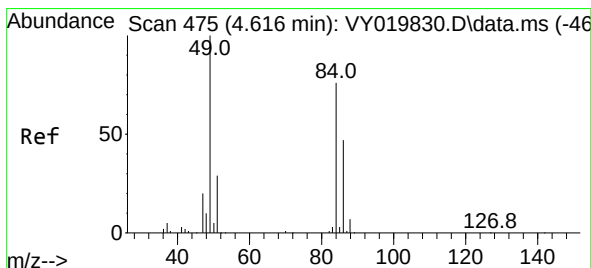
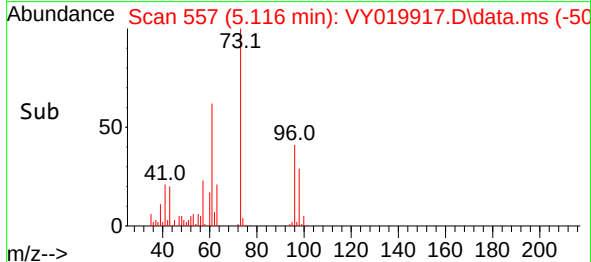
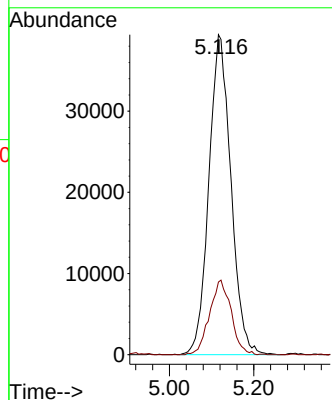
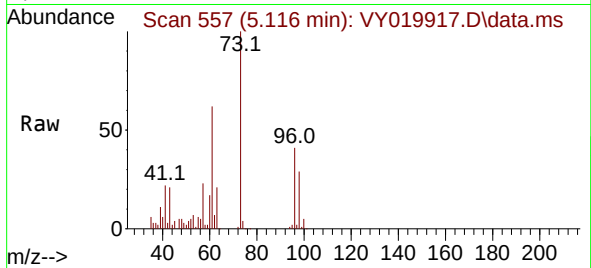
ClientSampleId :

Tgt Ion: 73 Resp: 142943

Ion Ratio Lower Upper

73 100

57 22.7 17.3 25.9



#20

Methylene Chloride

Concen: 26.424 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Tgt Ion: 84 Resp: 62566

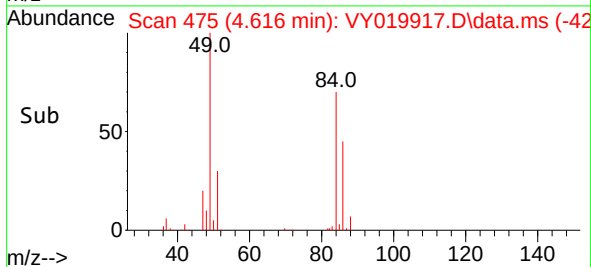
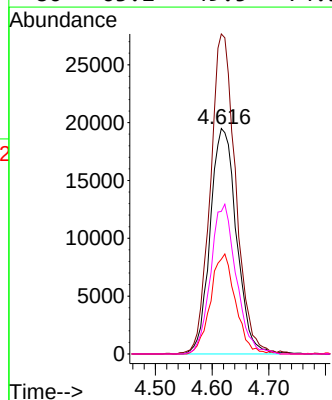
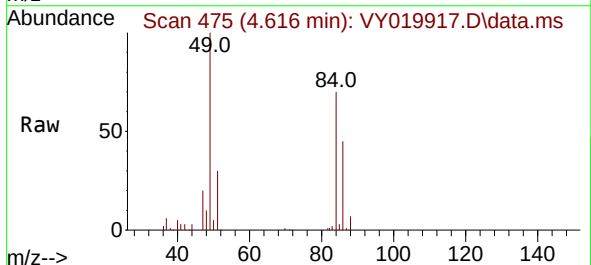
Ion Ratio Lower Upper

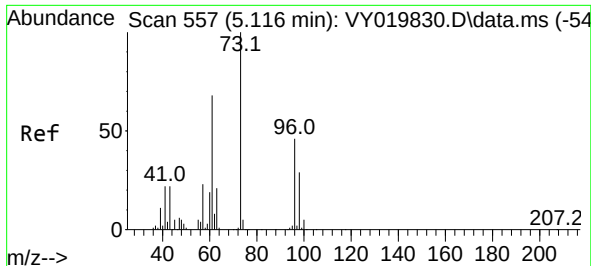
84 100

49 141.3 84.4 126.6#

51 42.0 26.0 39.0#

86 63.2 49.5 74.3

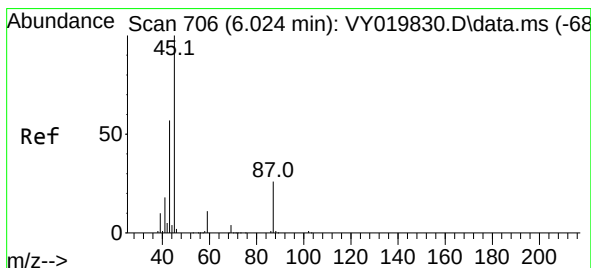
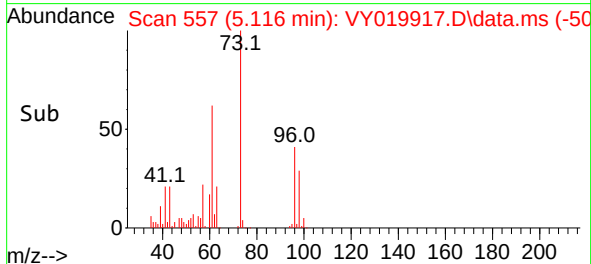
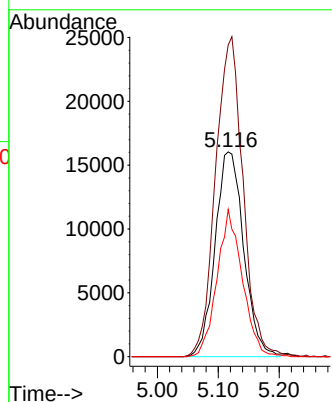
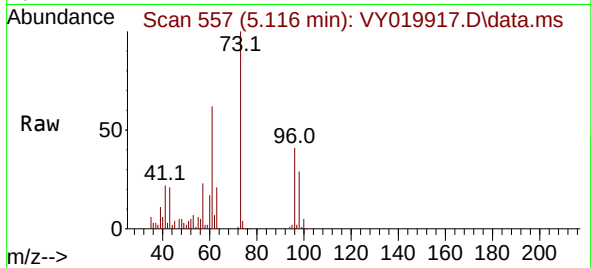




#21
trans-1,2-Dichloroethene
Concen: 22.691 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

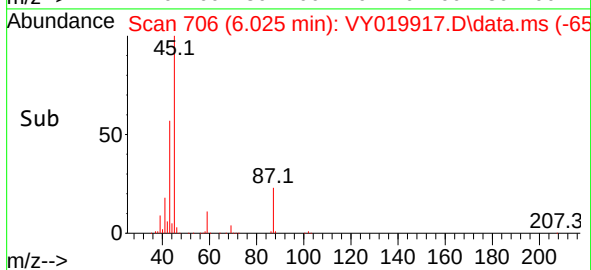
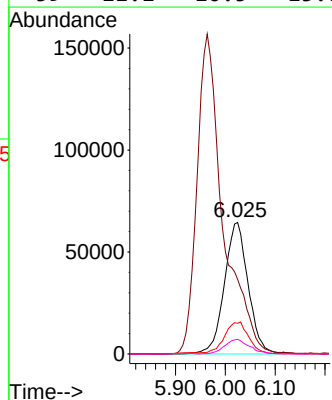
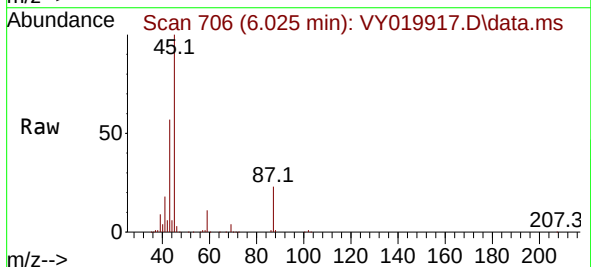
Instrument :
MSVOA_Y
ClientSampleId :

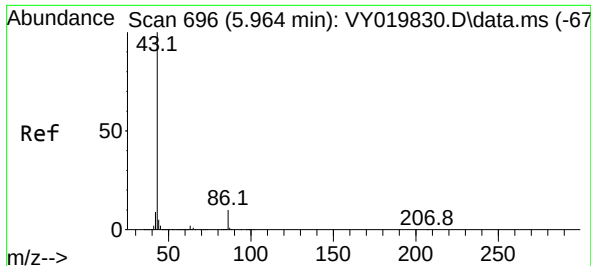
Tgt Ion: 96 Resp: 52218
Ion Ratio Lower Upper
96 100
61 152.2 97.5 146.3#
98 71.8 50.5 75.7



#22
Diisopropyl ether
Concen: 25.620 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 45 Resp: 212897
Ion Ratio Lower Upper
45 100
43 55.5 42.2 63.2
87 23.0 25.0 37.6#
59 11.1 10.5 15.7

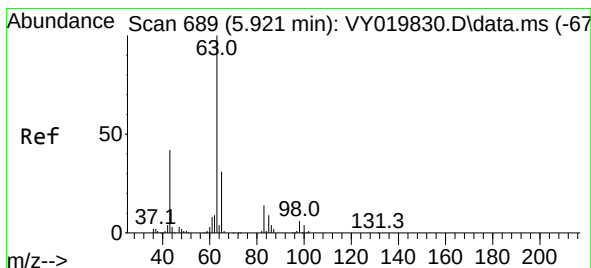
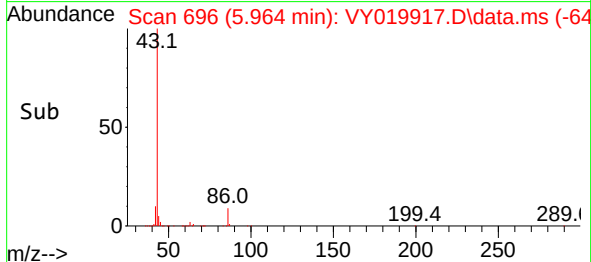
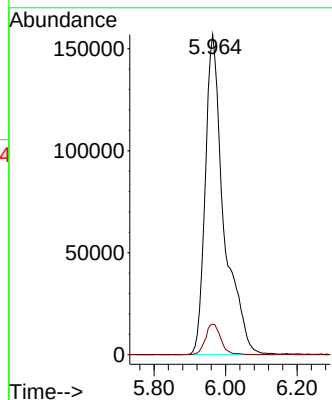
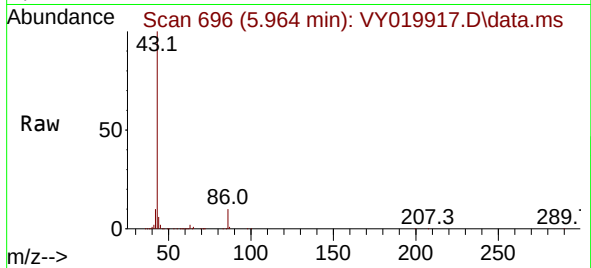




#23
 Vinyl Acetate
 Concen: 119.224 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019917.D
 Acq: 16 Oct 2024 15:52

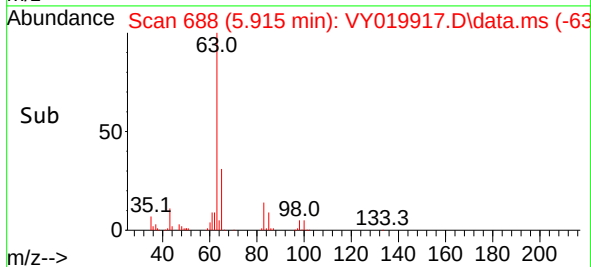
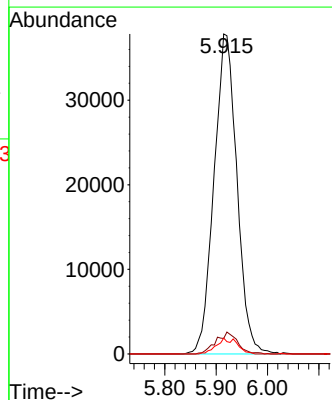
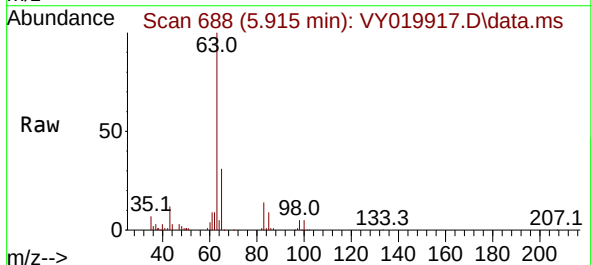
Instrument :
 MSVOA_Y
 ClientSampleId :

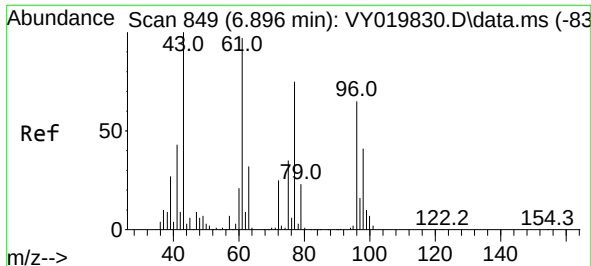
Tgt Ion: 43 Resp: 567965
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 25.333 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019917.D
 Acq: 16 Oct 2024 15:52

Tgt Ion: 63 Resp: 117021
 Ion Ratio Lower Upper
 63 100
 98 4.8 4.0 12.2
 100 5.0 2.6 8.0

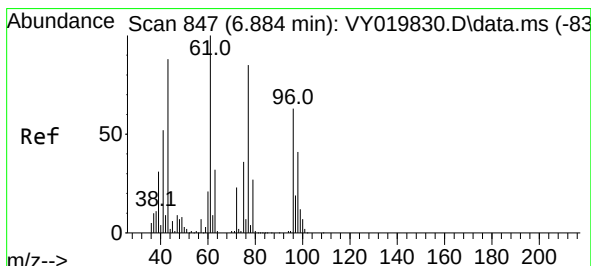
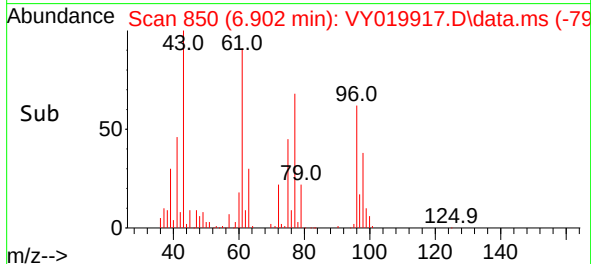
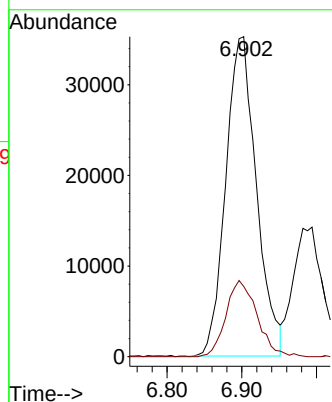
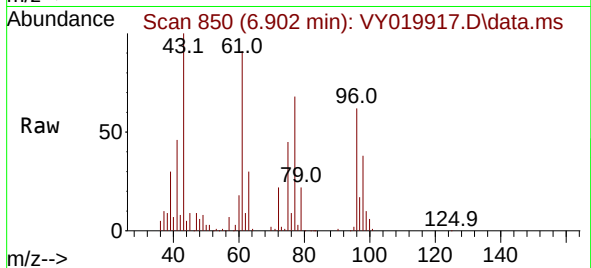




#25
2-Butanone
Concen: 119.003 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

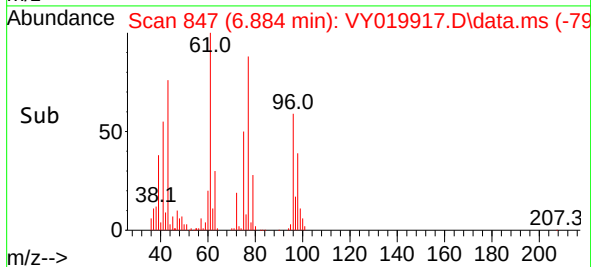
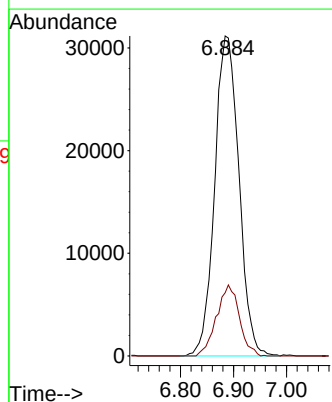
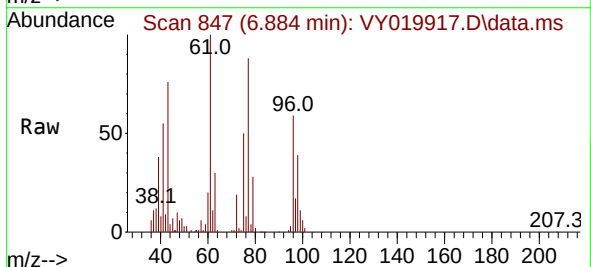
Instrument :
MSVOA_Y
ClientSampleId :

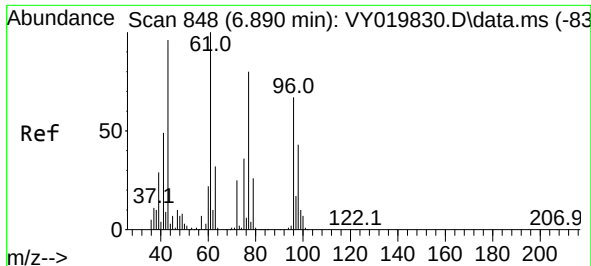
Tgt Ion: 43 Resp: 100628
Ion Ratio Lower Upper
43 100
72 22.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 24.047 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

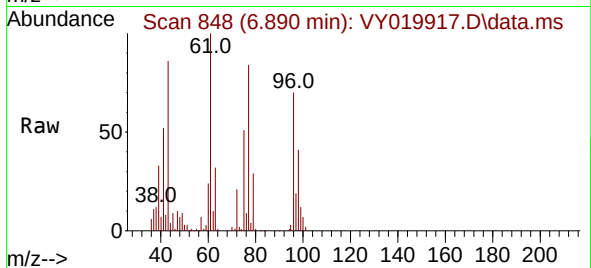
Tgt Ion: 77 Resp: 98925
Ion Ratio Lower Upper
77 100
97 20.9 12.0 36.1



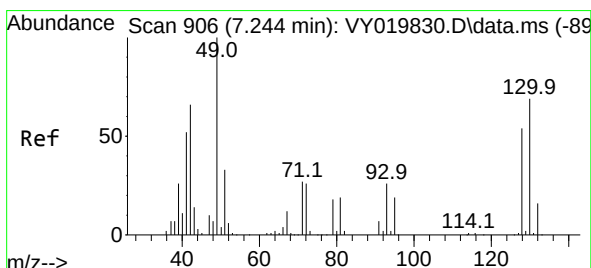
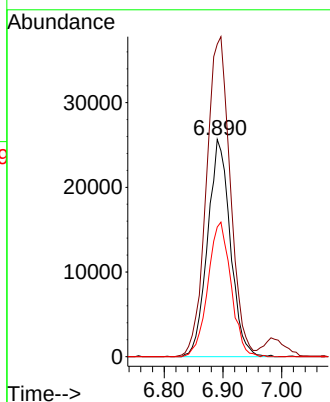
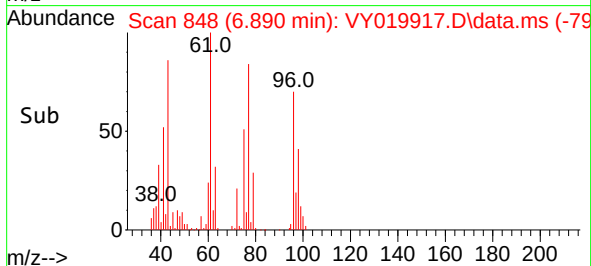


#27
 cis-1,2-Dichloroethene
 Concen: 24.180 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019917.D
 Acq: 16 Oct 2024 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :

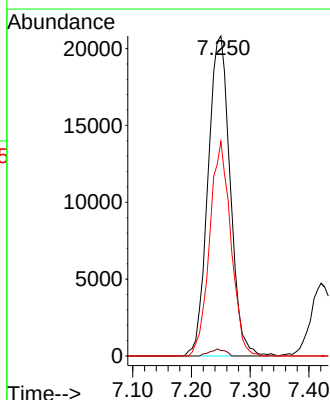
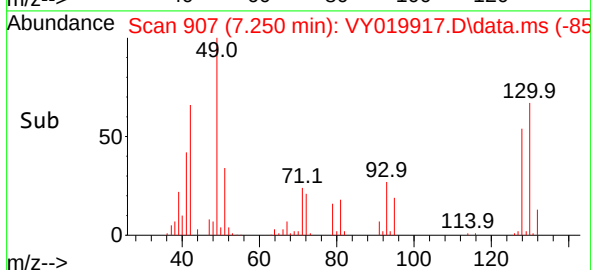
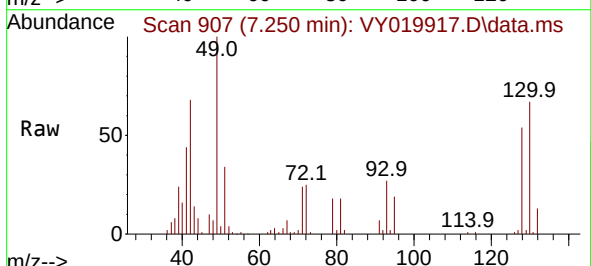


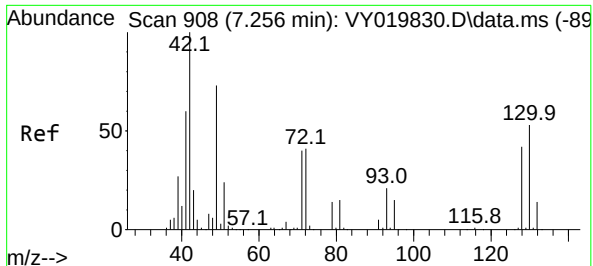
Tgt Ion: 96 Resp: 68766
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 256.2
 98 62.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 26.816 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019917.D
 Acq: 16 Oct 2024 15:52

Tgt Ion: 49 Resp: 54521
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 64.2 72.7 109.1#

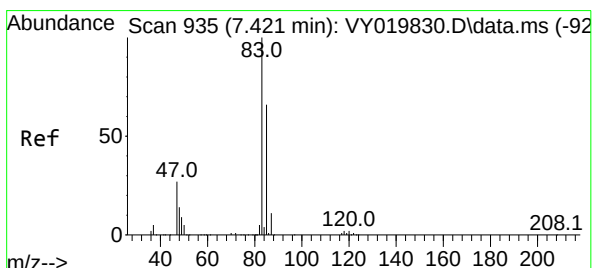
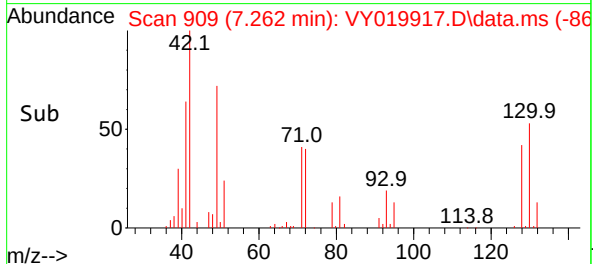
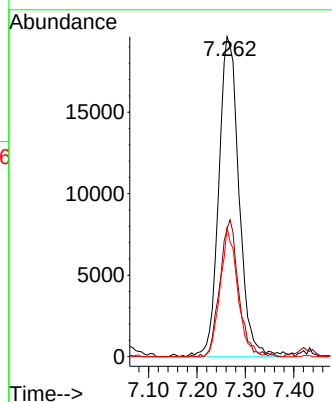
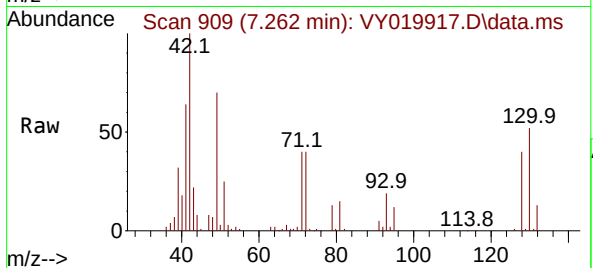




#29
Tetrahydrofuran
Concen: 118.021 ug/l
RT: 7.262 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

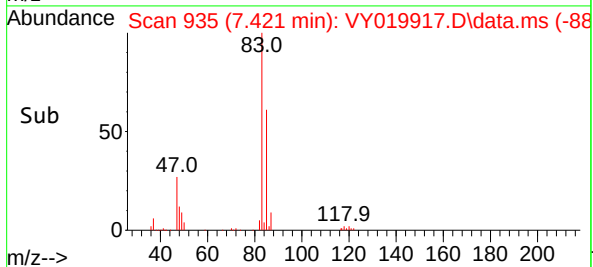
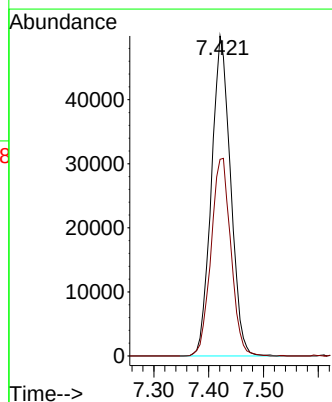
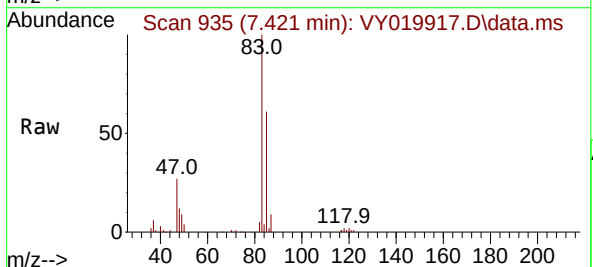
Instrument :
MSVOA_Y
ClientSampleId :

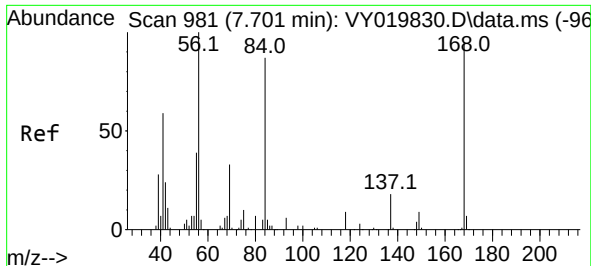
Tgt Ion: 42 Resp: 56982
Ion Ratio Lower Upper
42 100
72 39.5 43.0 64.4#
71 34.9 40.8 61.2#



#30
Chloroform
Concen: 25.742 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 83 Resp: 121213
Ion Ratio Lower Upper
83 100
85 61.5 52.2 78.4

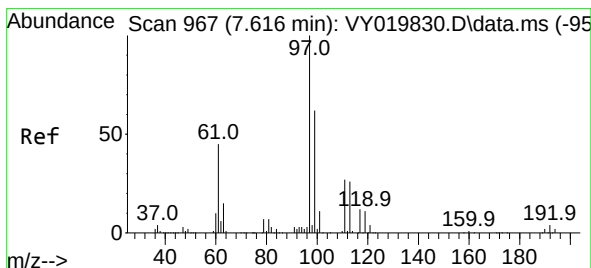
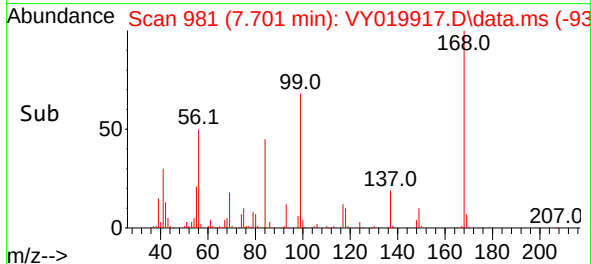
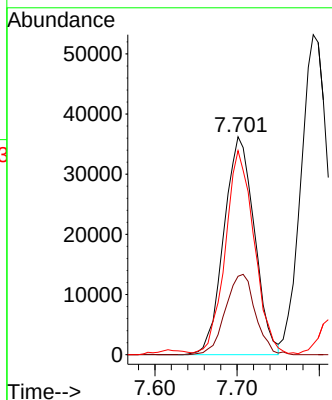
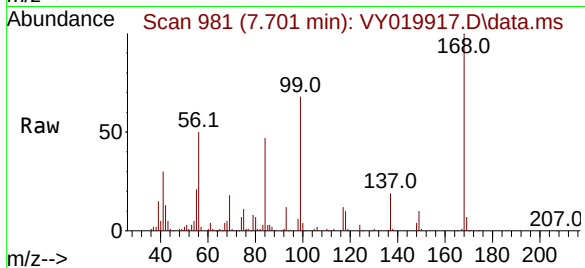




#31
Cyclohexane
Concen: 23.076 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

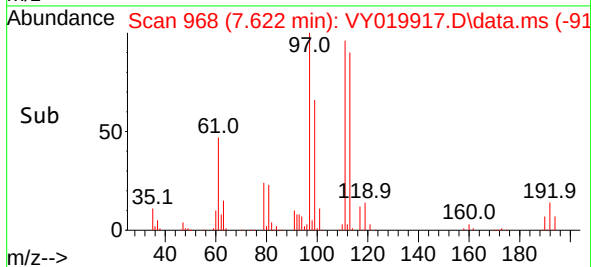
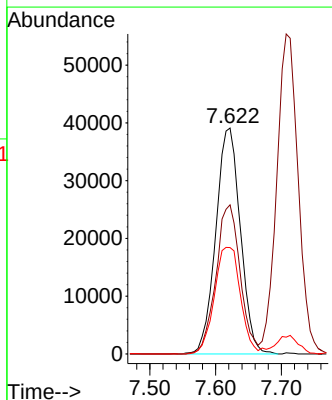
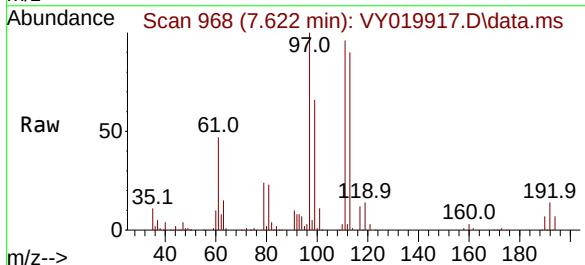
Instrument :
MSVOA_Y
ClientSampleId :

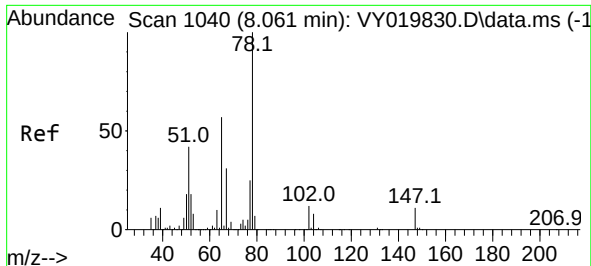
Tgt Ion: 56 Resp: 93571
Ion Ratio Lower Upper
56 100
69 36.0 28.7 43.1
84 91.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 24.649 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 97 Resp: 101717
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 49.8 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 57.684 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

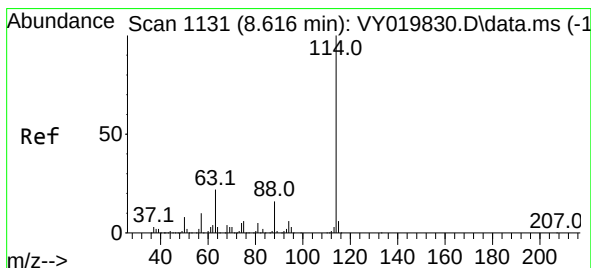
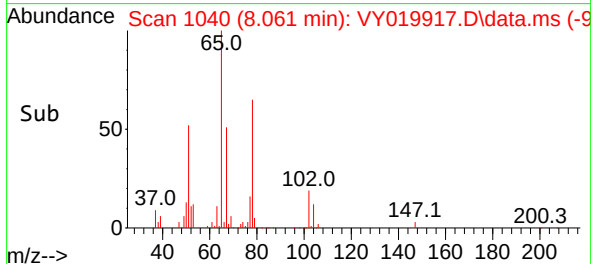
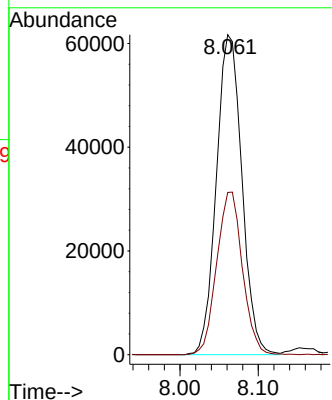
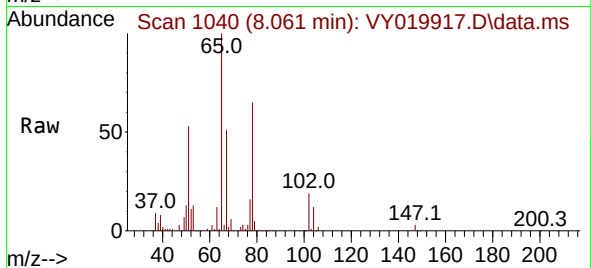
ClientSampleId :

Tgt Ion: 65 Resp: 139987

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

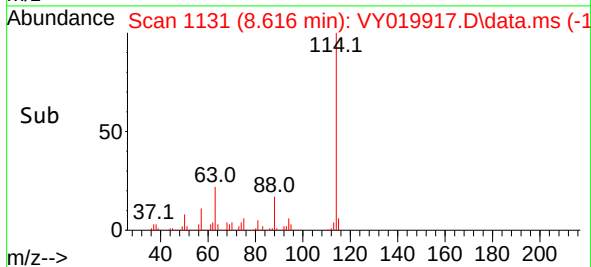
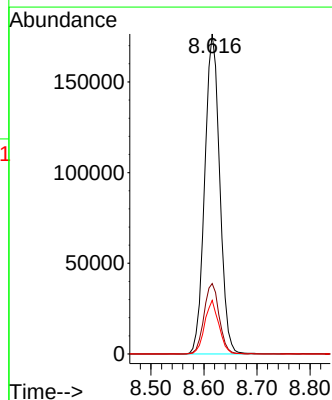
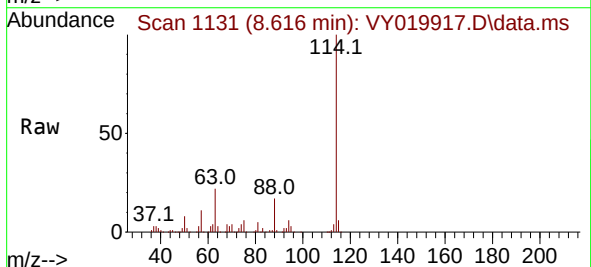
Tgt Ion: 114 Resp: 346384

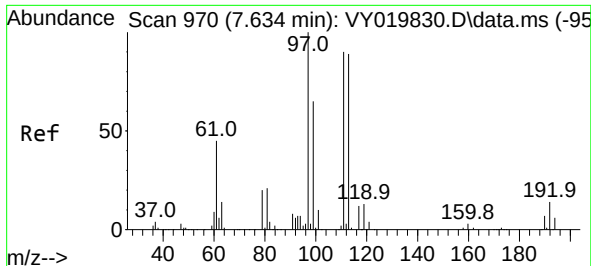
Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.0

88 16.7 0.0 27.2

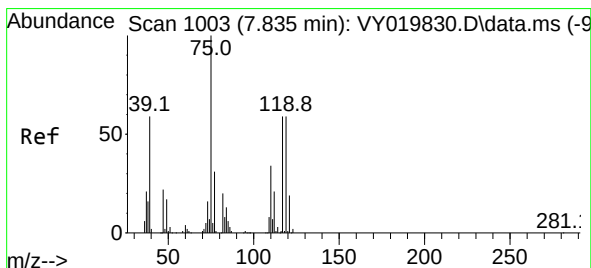
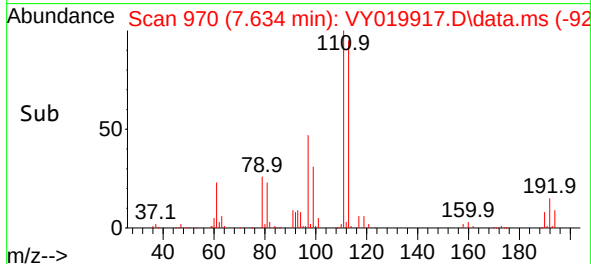
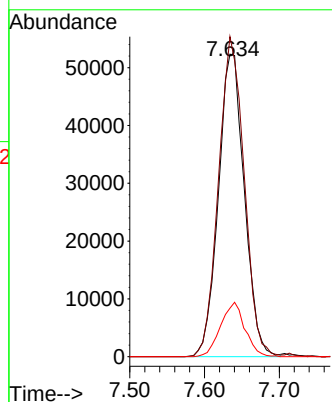
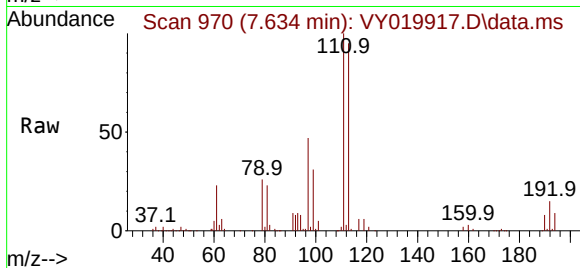




#35
Dibromofluoromethane
Concen: 55.375 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

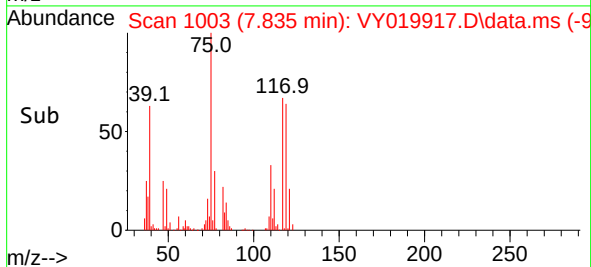
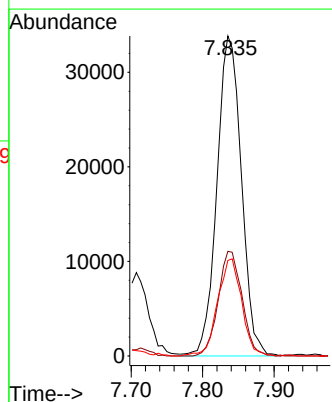
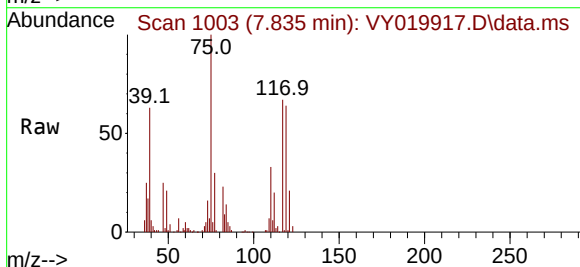
Instrument :
MSVOA_Y
ClientSampleId :

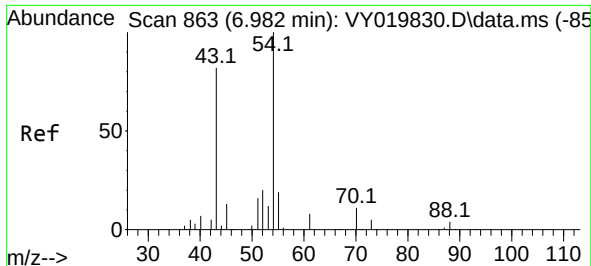
Tgt Ion:113 Resp: 126573
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 16.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 24.452 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 75 Resp: 80520
Ion Ratio Lower Upper
75 100
110 31.8 19.0 57.0
77 29.8 25.3 37.9





#37

Ethyl Acetate

Concen: 23.263 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.013 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

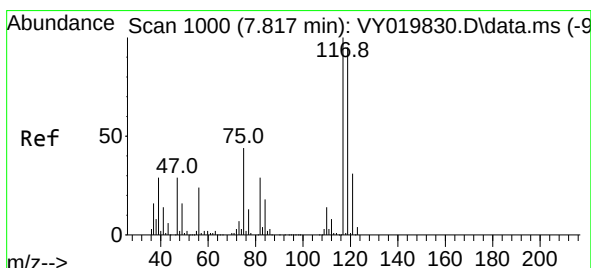
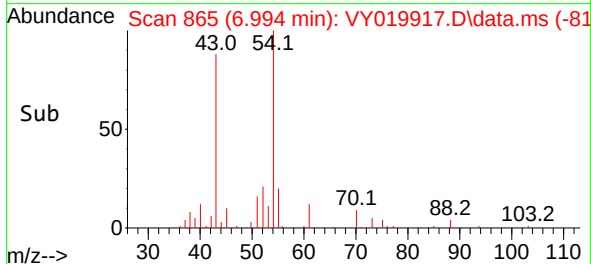
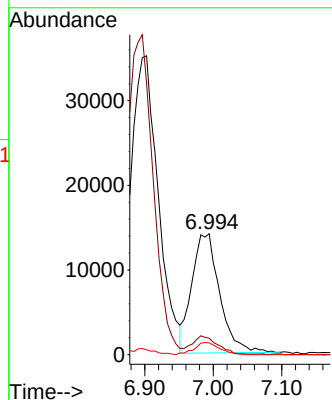
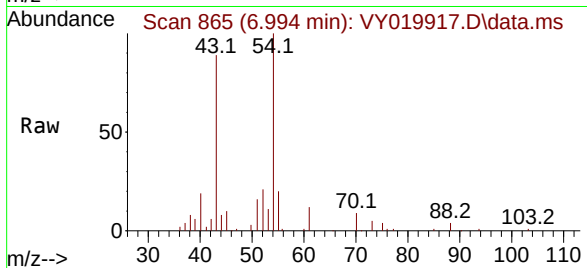
Tgt Ion: 43 Resp: 39945

Ion Ratio Lower Upper

43 100

61 13.4 12.6 19.0

70 9.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 24.657 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

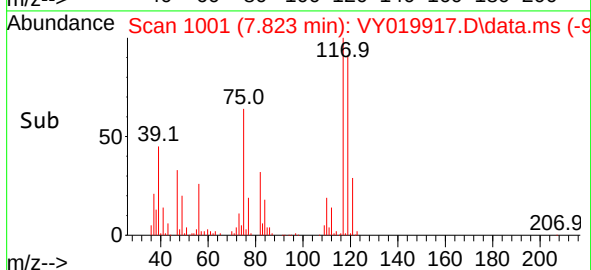
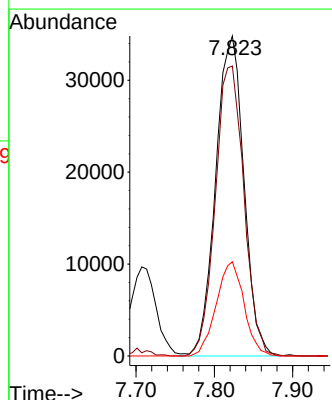
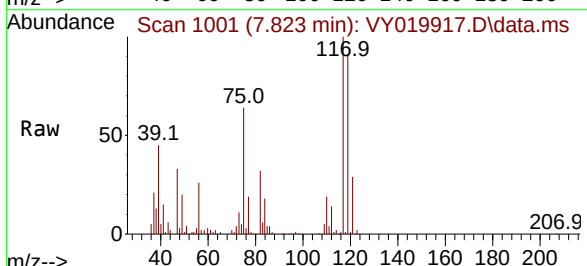
Tgt Ion: 117 Resp: 87045

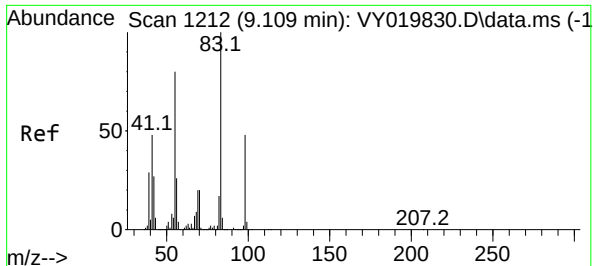
Ion Ratio Lower Upper

117 100

119 90.6 75.8 113.6

121 29.5 24.0 36.0





#39

Methylcyclohexane

Concen: 23.268 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

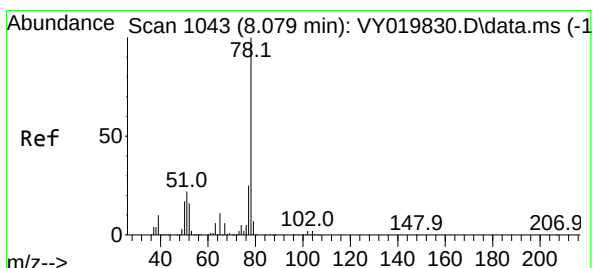
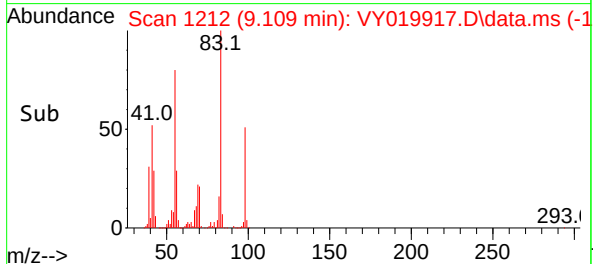
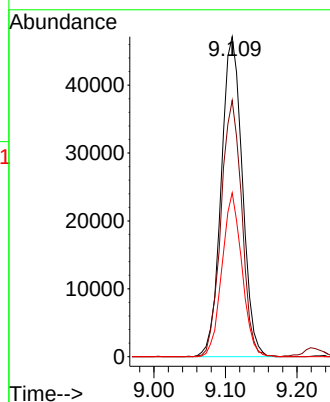
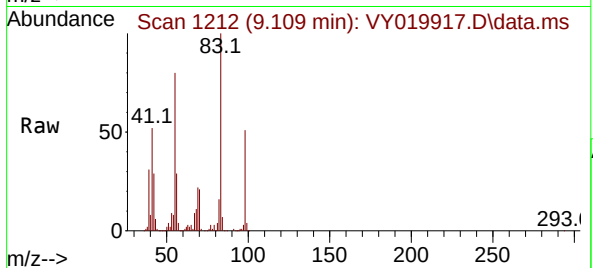
Tgt Ion: 83 Resp: 96544

Ion Ratio Lower Upper

83 100

55 80.1 51.5 77.3#

98 51.2 40.5 60.7



#40

Benzene

Concen: 24.410 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019917.D

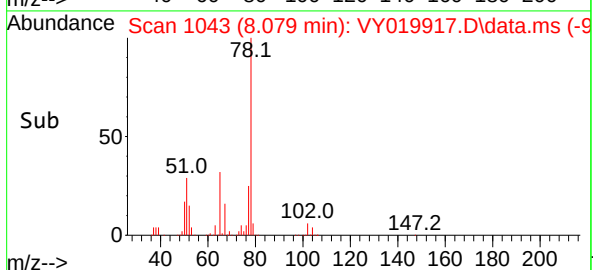
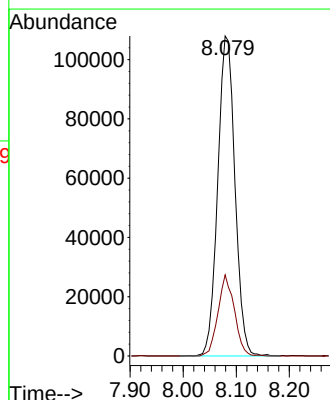
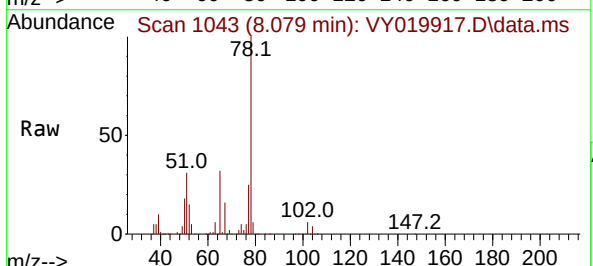
Acq: 16 Oct 2024 15:52

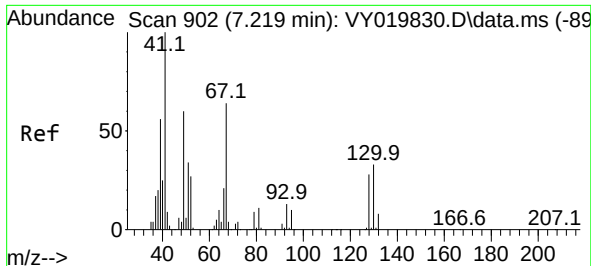
Tgt Ion: 78 Resp: 243274

Ion Ratio Lower Upper

78 100

77 25.4 19.5 29.3

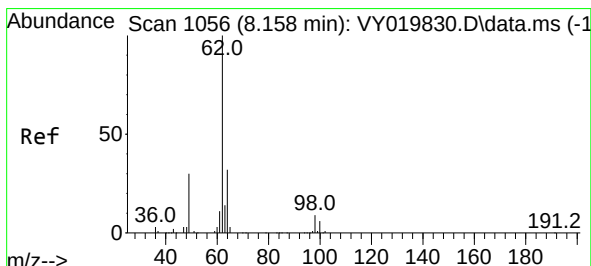
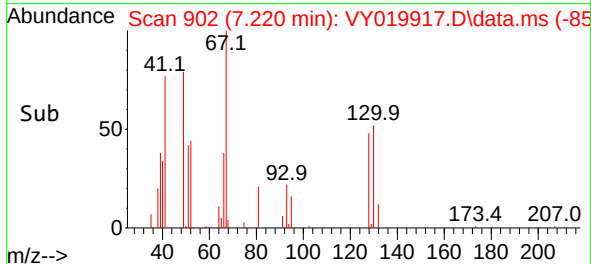
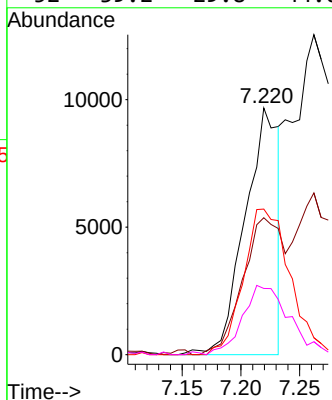
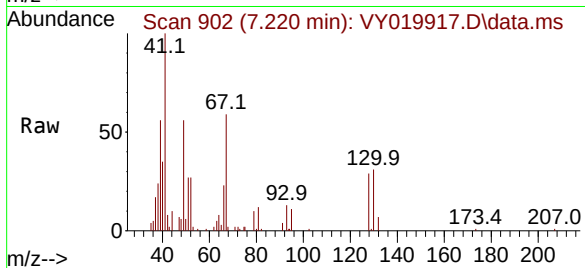




#41
Methacrylonitrile
Concen: 20.710 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

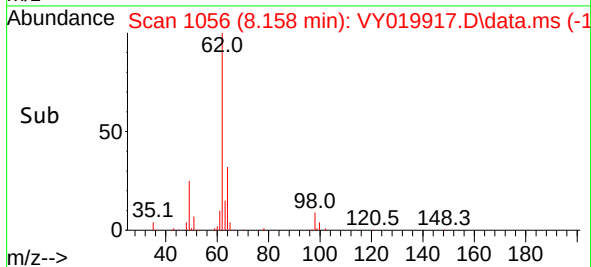
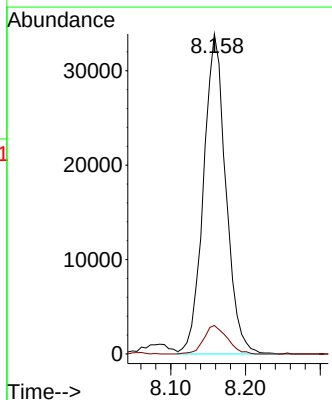
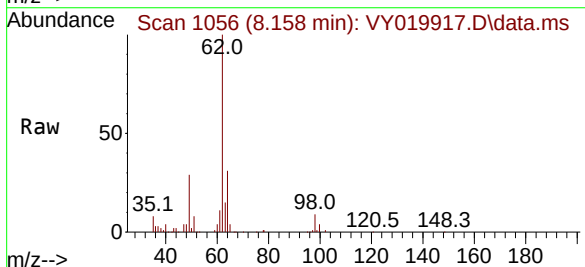
Instrument :
MSVOA_Y
ClientSampleId :

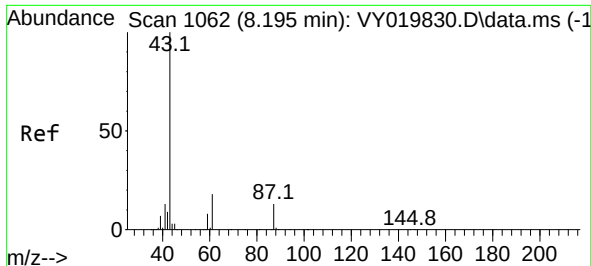
Tgt Ion:	41	Resp:	19247
Ion	Ratio	Lower	Upper
41	100		
39	66.5	48.0	72.0
67	81.5	75.1	112.7
52	39.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 24.610 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion:	62	Resp:	70462
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 22.919 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

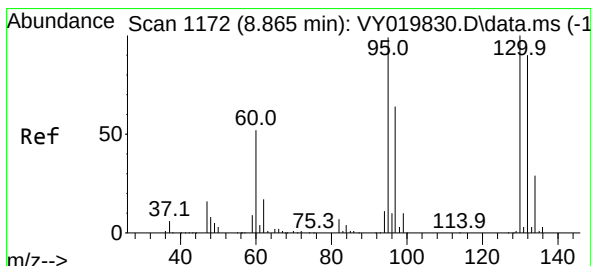
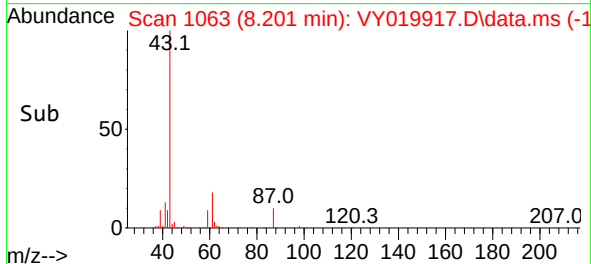
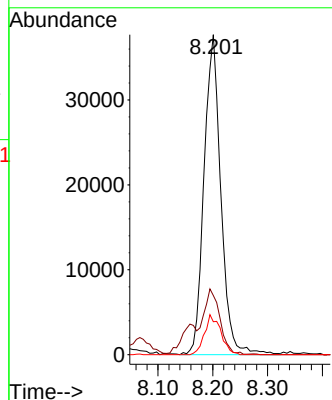
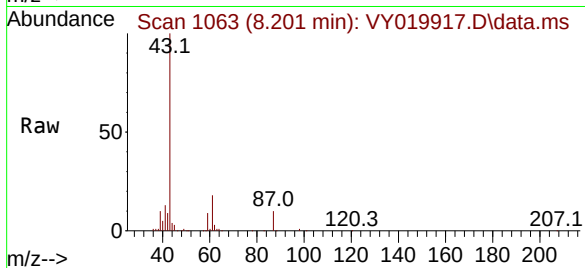
Tgt Ion: 43 Resp: 80259

Ion Ratio Lower Upper

43 100

61 19.8 27.9 41.9#

87 12.0 13.1 19.7#



#44

Trichloroethene

Concen: 23.456 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019917.D

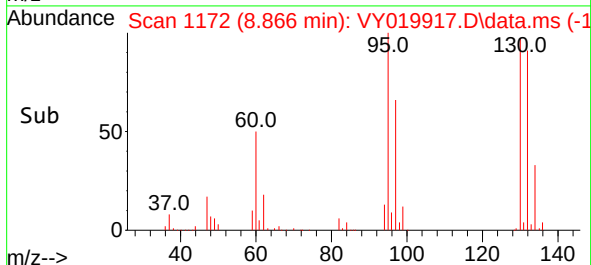
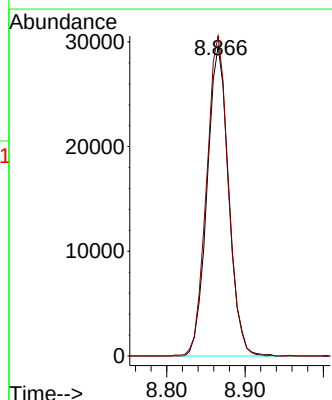
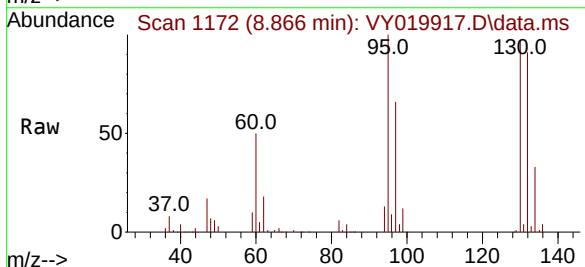
Acq: 16 Oct 2024 15:52

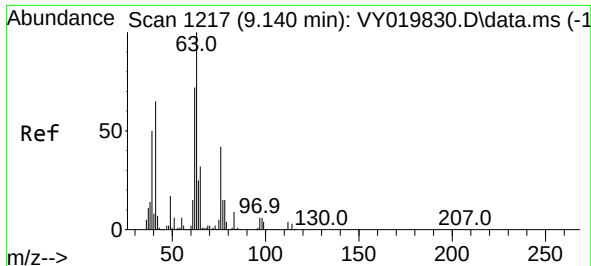
Tgt Ion:130 Resp: 56619

Ion Ratio Lower Upper

130 100

95 103.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 25.315 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

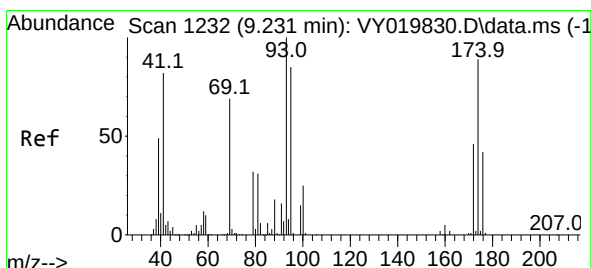
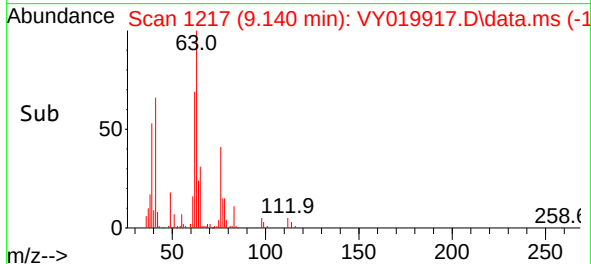
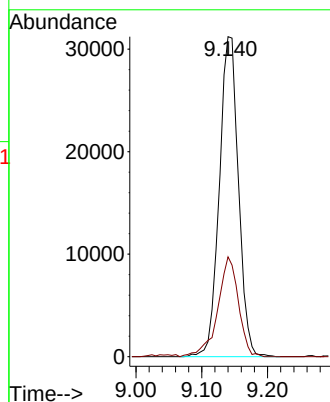
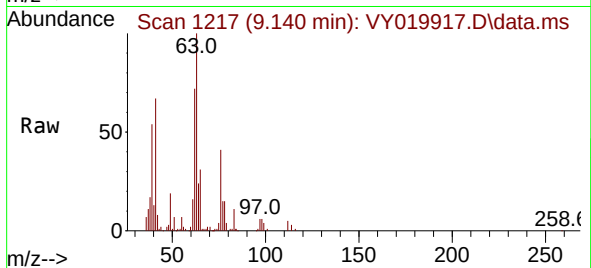
ClientSampleId :

Tgt Ion: 63 Resp: 63147

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 23.460 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

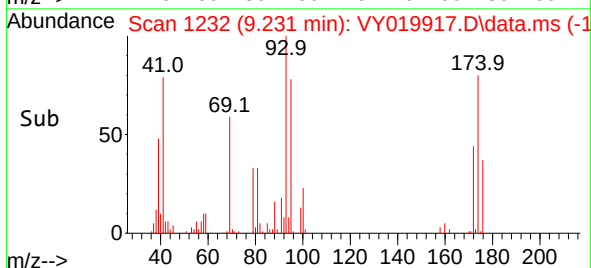
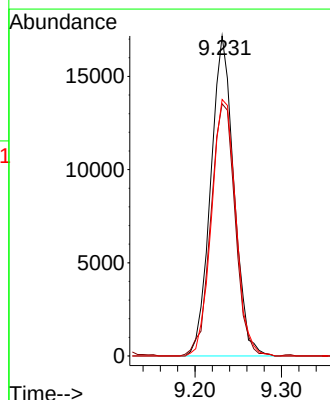
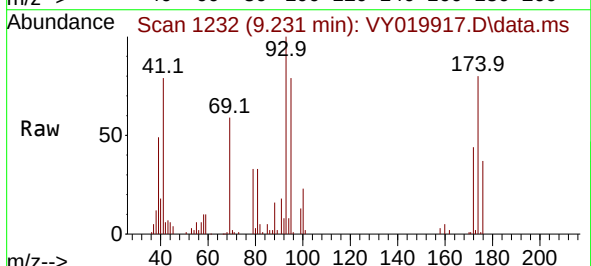
Tgt Ion: 93 Resp: 31973

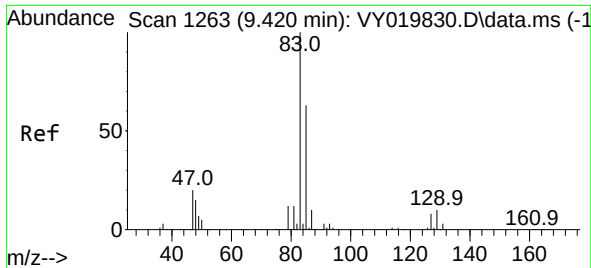
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 83.7 80.9 121.3

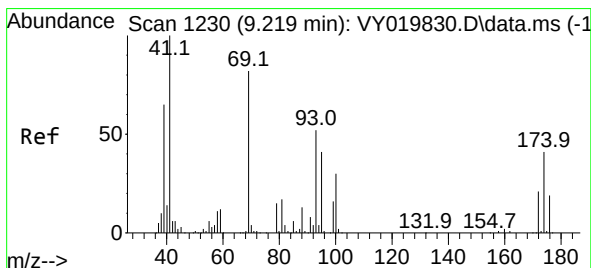
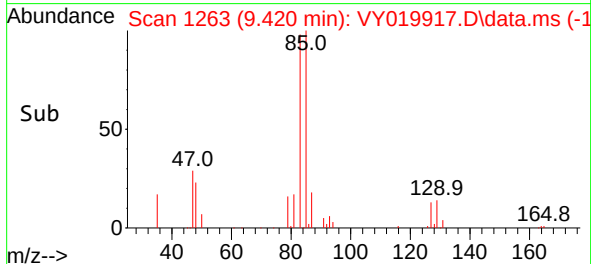
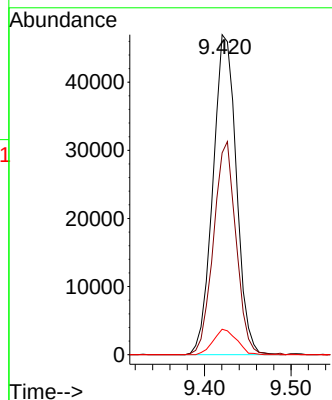
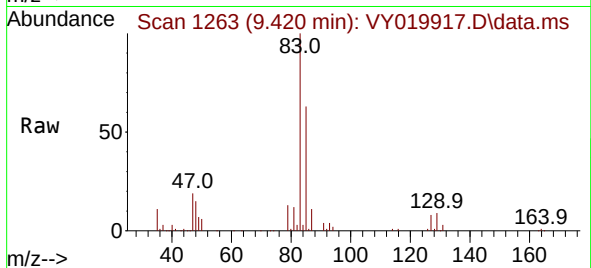




#47
Bromodichloromethane
Concen: 24.400 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

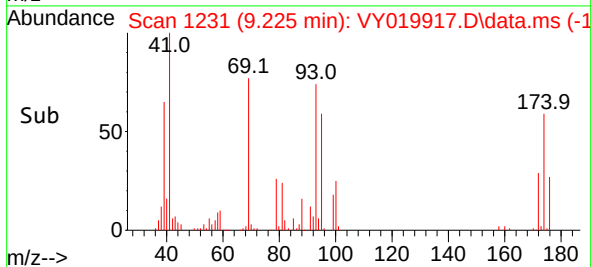
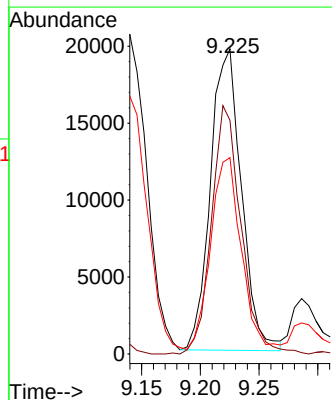
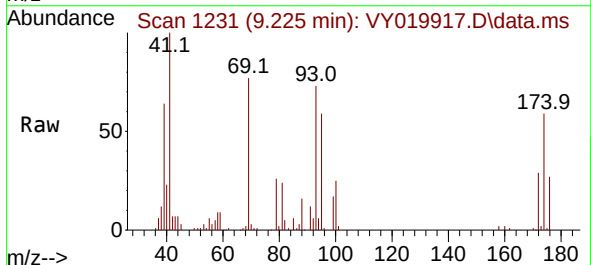
Instrument :
MSVOA_Y
ClientSampleId :

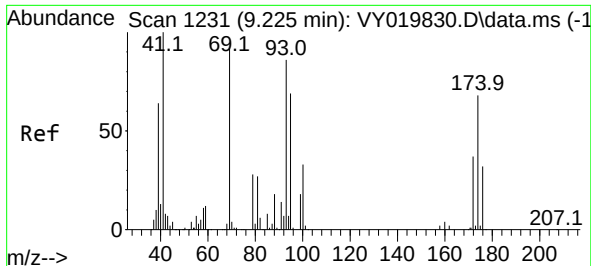
Tgt Ion: 83 Resp: 88265
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 23.329 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

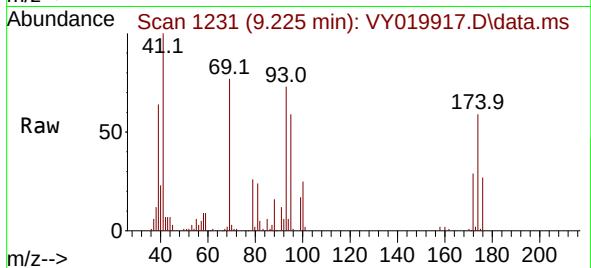
Tgt Ion: 41 Resp: 35936
Ion Ratio Lower Upper
41 100
69 78.7 84.1 126.1#
39 63.1 43.6 65.4



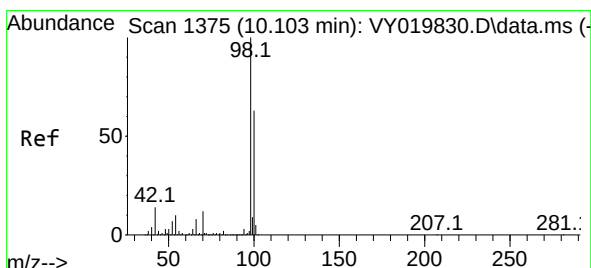
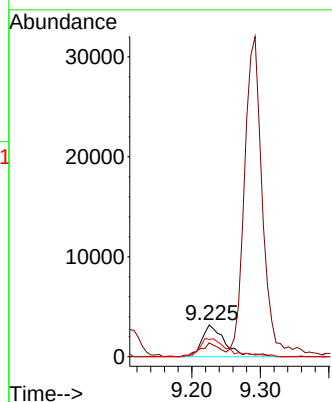
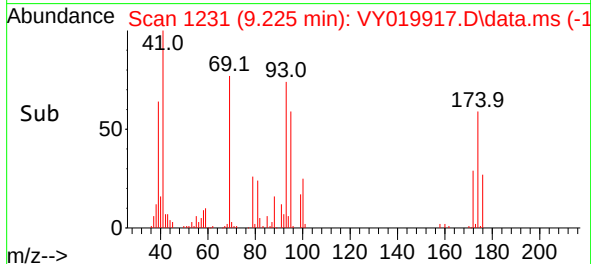


#49
1,4-Dioxane
Concen: 491.753 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

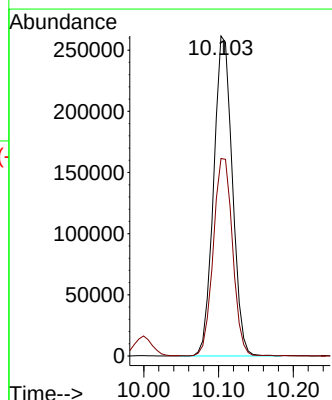
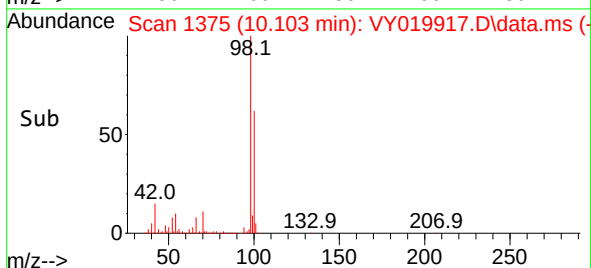
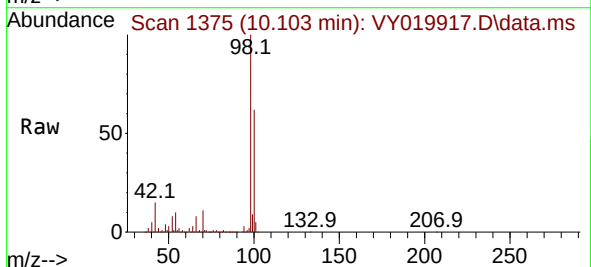


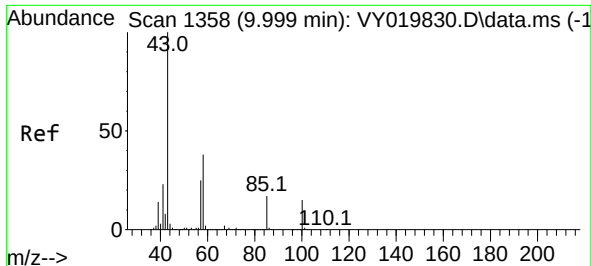
Tgt Ion: 88 Resp: 7501
Ion Ratio Lower Upper
88 100
43 35.9 0.0 0.0#
58 69.7 49.3 73.9



#50
Toluene-d8
Concen: 53.848 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 98 Resp: 454528
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 116.874 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

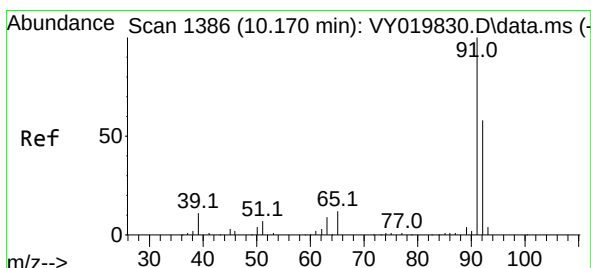
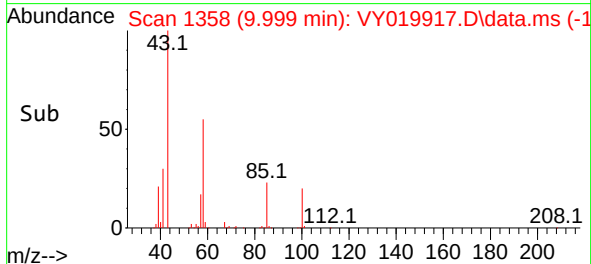
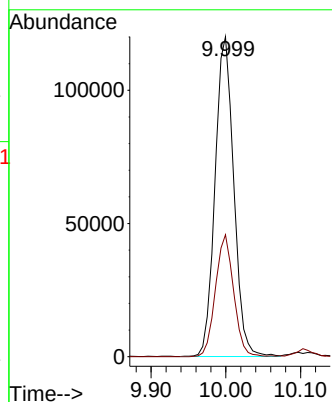
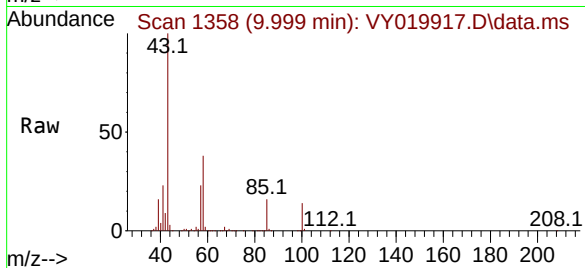
ClientSampleId :

Tgt Ion: 43 Resp: 208759

Ion Ratio Lower Upper

43 100

58 37.1 35.7 53.5



#52

Toluene

Concen: 24.219 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019917.D

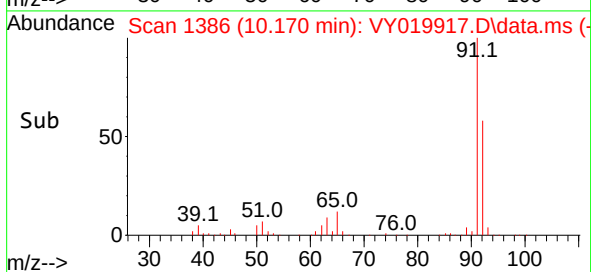
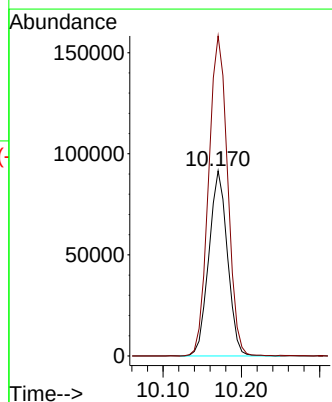
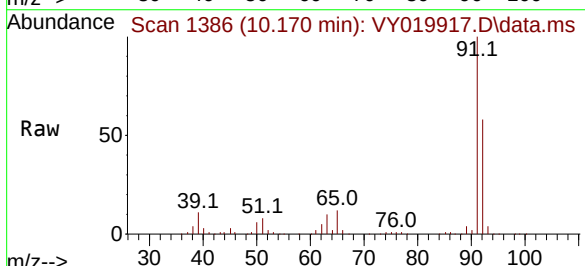
Acq: 16 Oct 2024 15:52

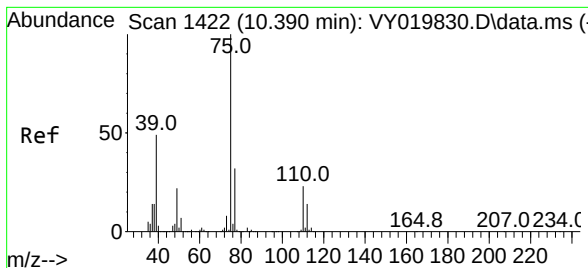
Tgt Ion: 92 Resp: 150664

Ion Ratio Lower Upper

92 100

91 177.1 139.0 208.6

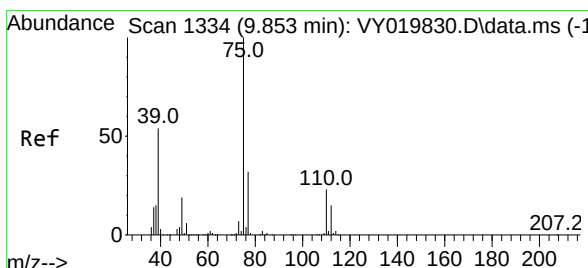
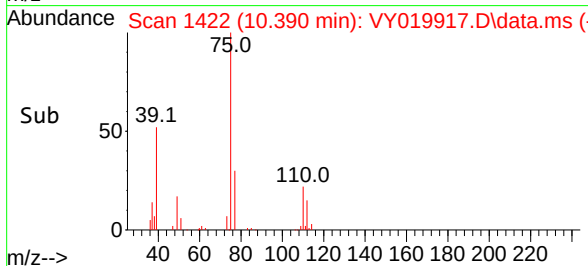
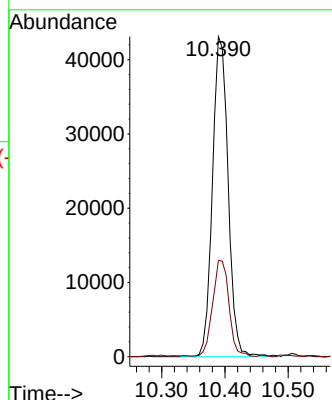
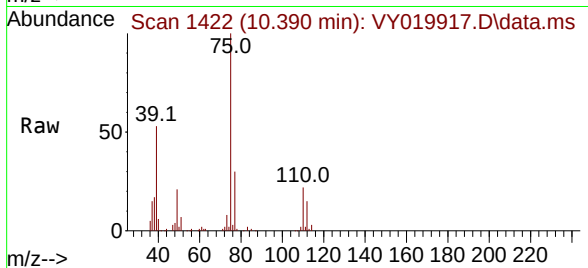




#53
t-1,3-Dichloropropene
Concen: 22.754 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

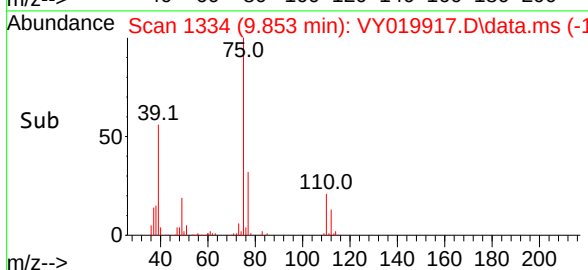
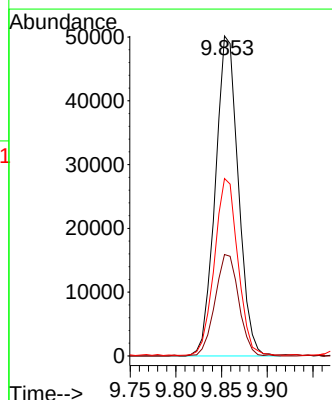
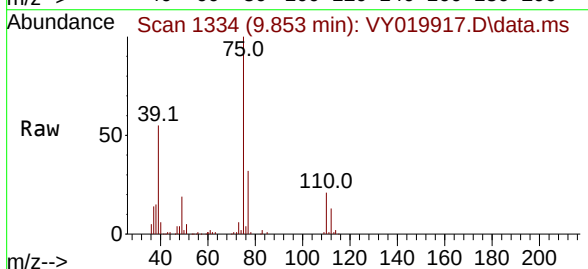
Instrument :
MSVOA_Y
ClientSampleId :

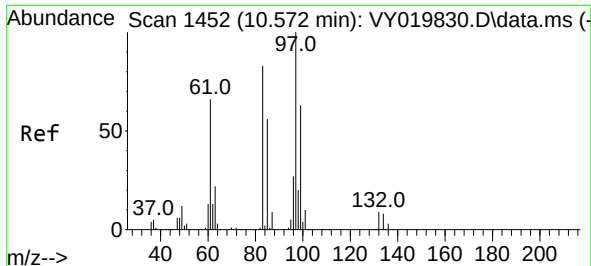
Tgt Ion: 75 Resp: 74061
Ion Ratio Lower Upper
75 100
77 29.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 22.888 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 75 Resp: 87903
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 55.3 29.8 44.6#

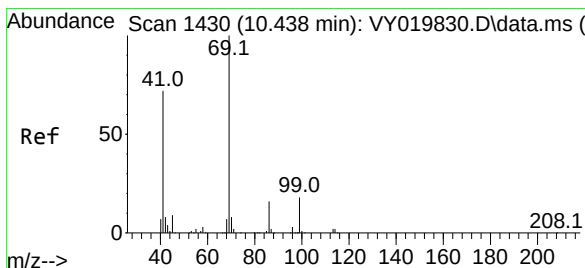
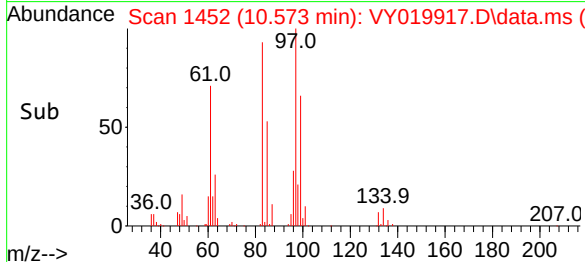
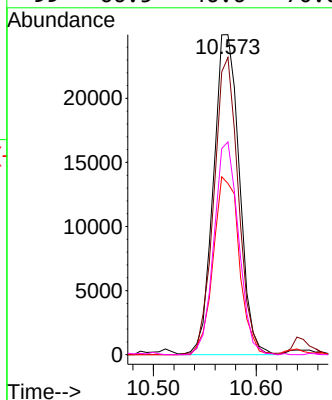
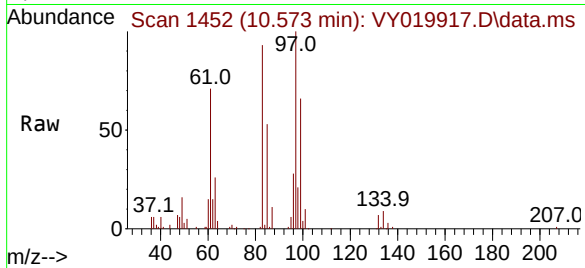




#55
 1,1,2-Trichloroethane
 Concen: 24.326 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY019917.D
 Acq: 16 Oct 2024 15:52

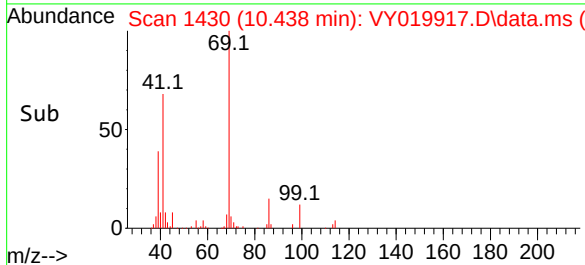
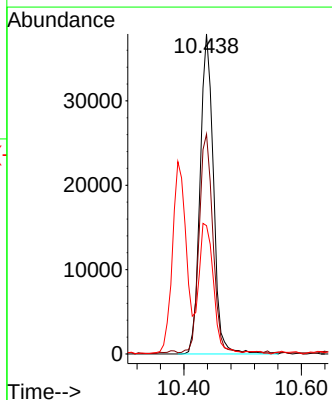
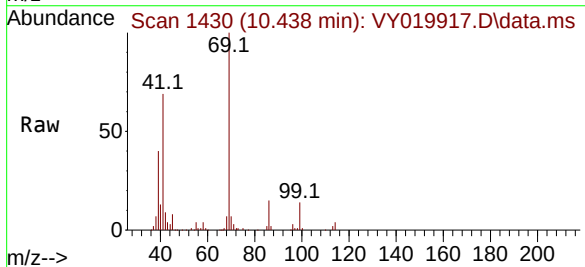
Instrument :
 MSVOA_Y
 ClientSampleId :

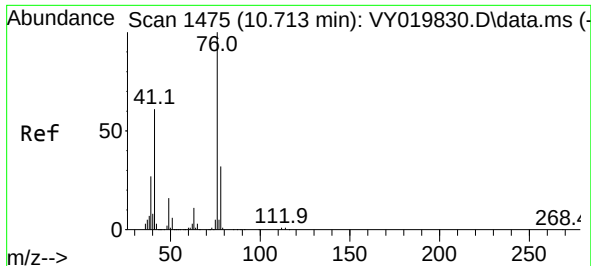
Tgt Ion:	97	Resp:	43680
Ion	Ratio	Lower	Upper
97	100		
83	92.9	67.5	101.3
85	53.5	42.9	64.3
99	66.5	46.6	70.0



#56
 Ethyl methacrylate
 Concen: 23.251 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY019917.D
 Acq: 16 Oct 2024 15:52

Tgt Ion:	69	Resp:	59907
Ion	Ratio	Lower	Upper
69	100		
41	69.9	42.3	63.5#
39	43.6	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 24.264 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

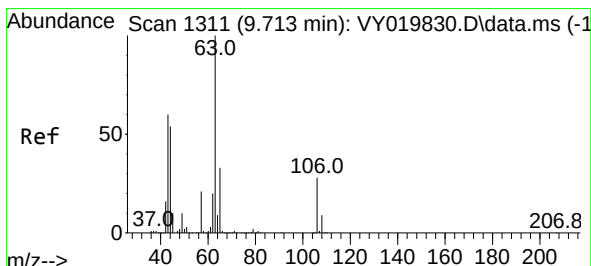
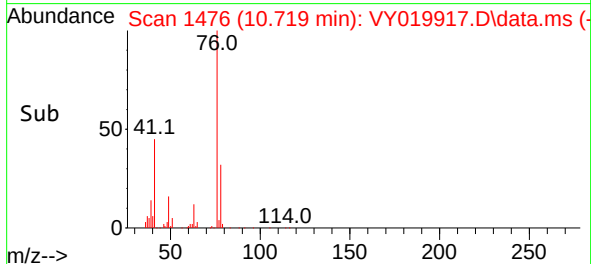
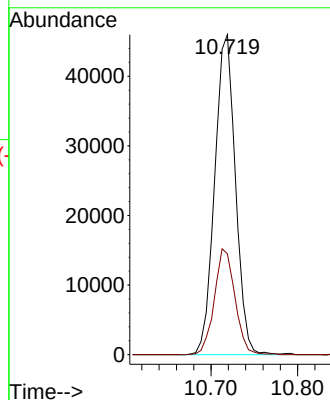
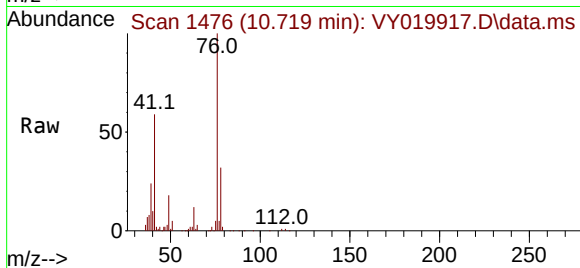
ClientSampleId :

Tgt Ion: 76 Resp: 76511

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 115.823 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019917.D

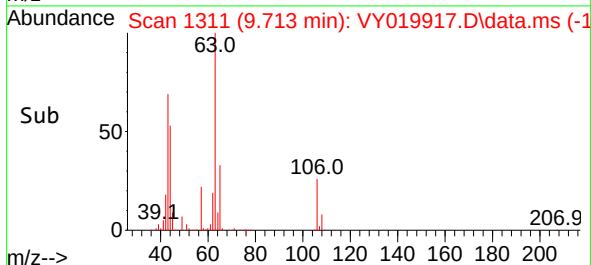
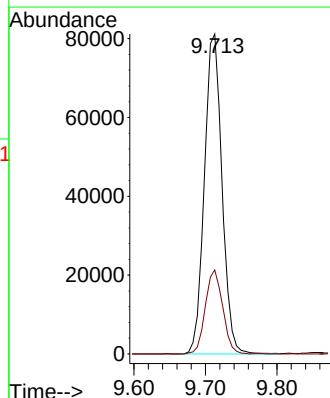
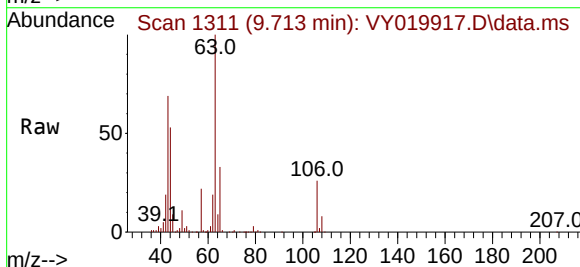
Acq: 16 Oct 2024 15:52

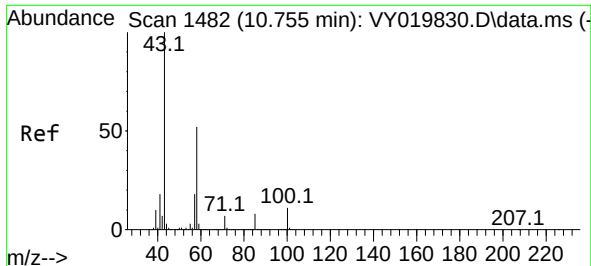
Tgt Ion: 63 Resp: 138922

Ion Ratio Lower Upper

63 100

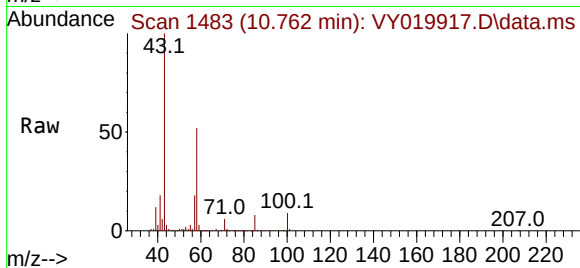
106 25.9 23.7 35.5



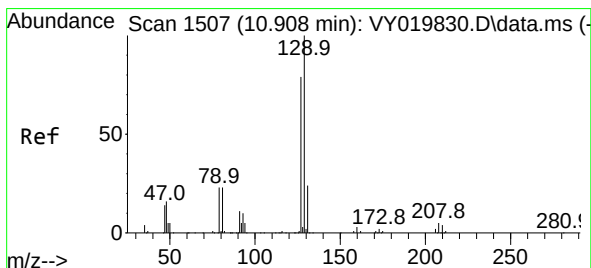
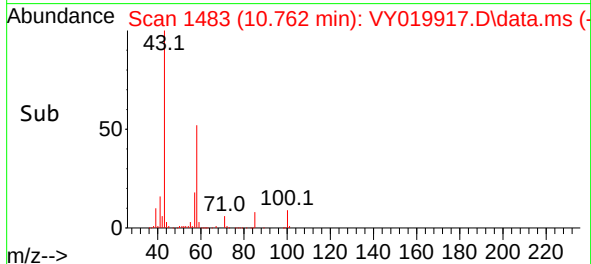
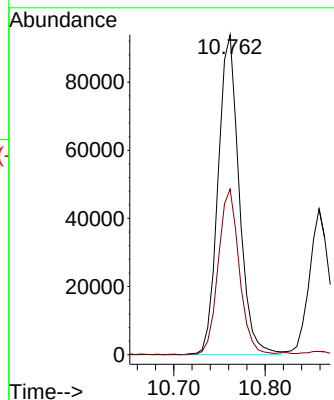


#59
2-Hexanone
Concen: 117.950 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

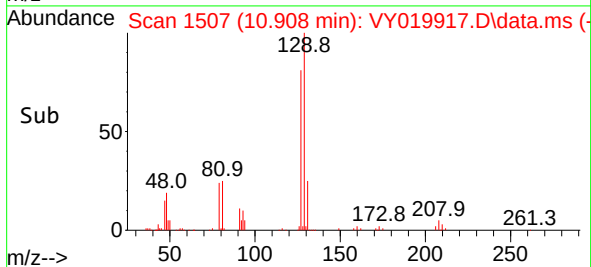
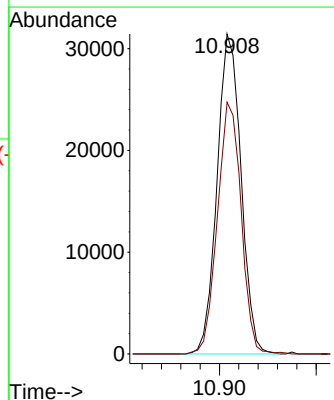
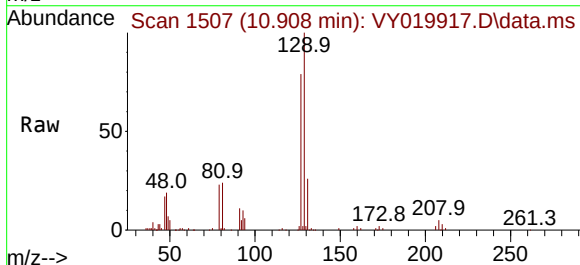


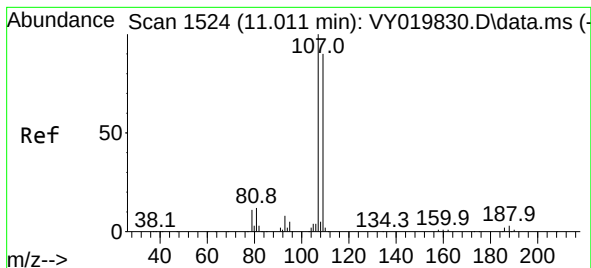
Tgt Ion: 43 Resp: 150475
Ion Ratio Lower Upper
43 100
58 51.6 31.4 94.0



#60
Dibromochloromethane
Concen: 23.417 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 129 Resp: 53969
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

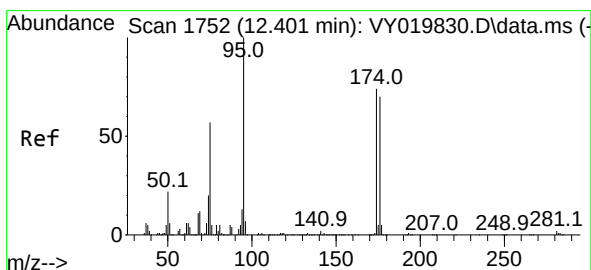
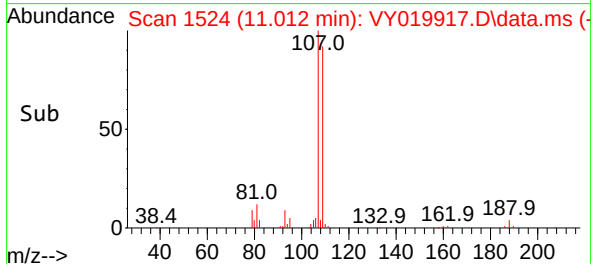
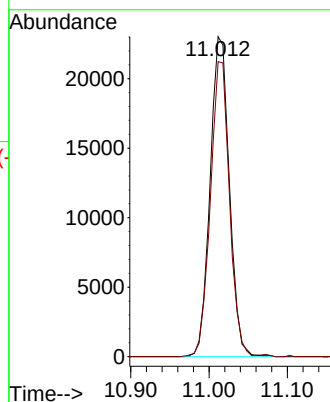
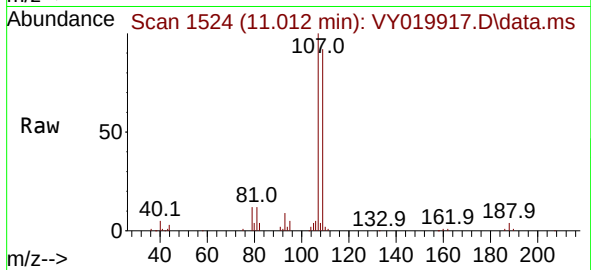




#61
1,2-Dibromoethane
Concen: 24.187 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

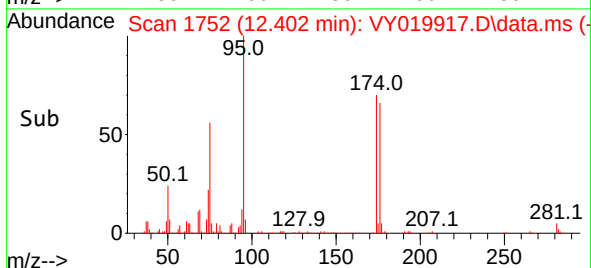
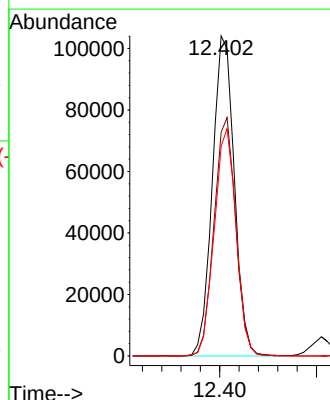
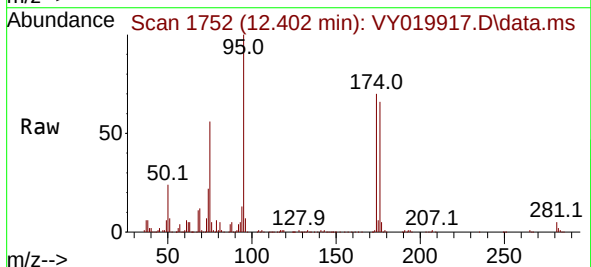
Instrument :
MSVOA_Y
ClientSampleId :

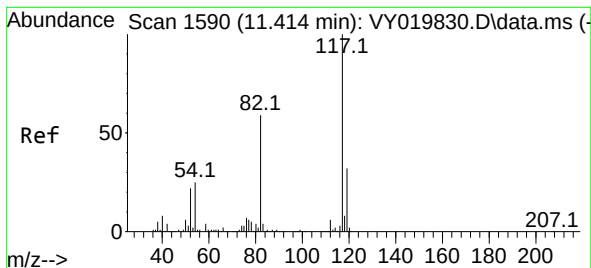
Tgt Ion:107 Resp: 39246
Ion Ratio Lower Upper
107 100
109 91.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.750 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 95 Resp: 163936
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 70.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

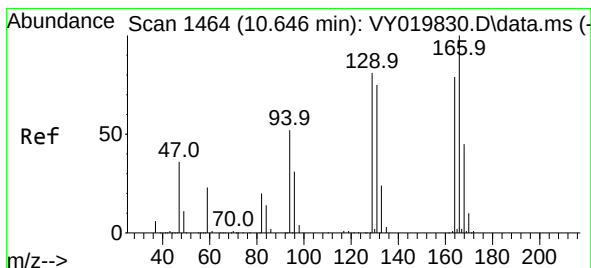
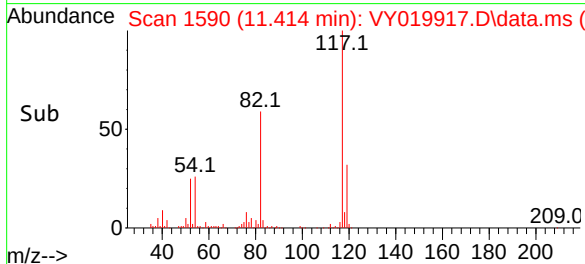
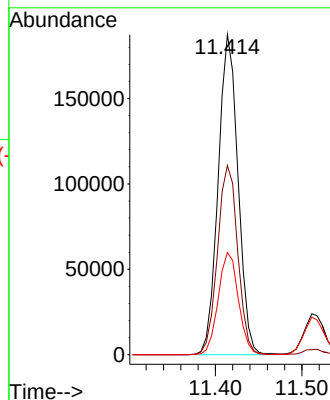
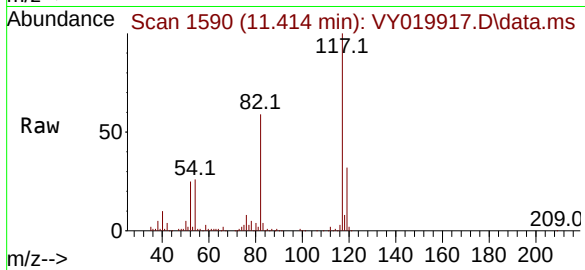
Tgt Ion:117 Resp: 298551

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 22.907 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Tgt Ion:164 Resp: 48644

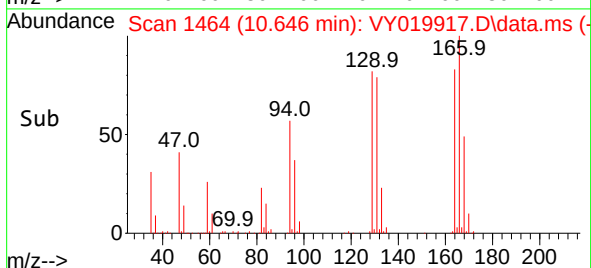
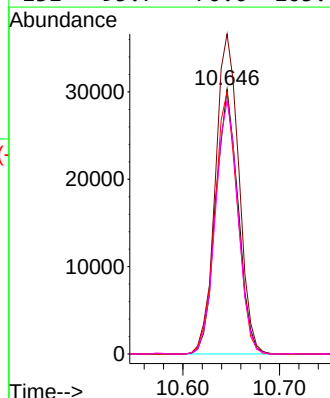
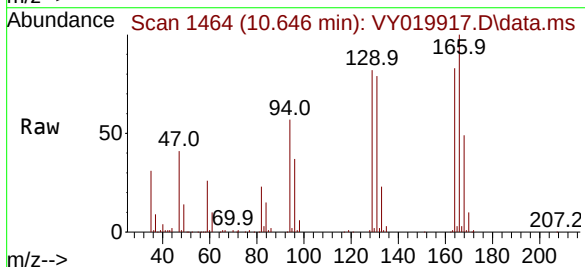
Ion Ratio Lower Upper

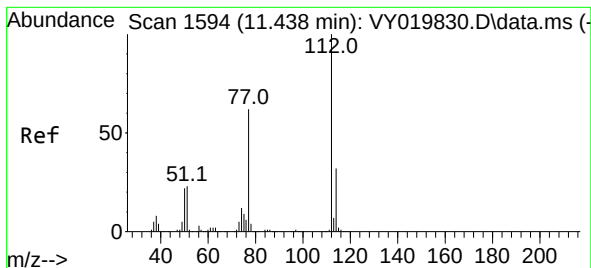
164 100

166 121.0 102.6 154.0

129 99.2 72.0 108.0

131 95.7 70.0 105.0





#65

Chlorobenzene

Concen: 24.078 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

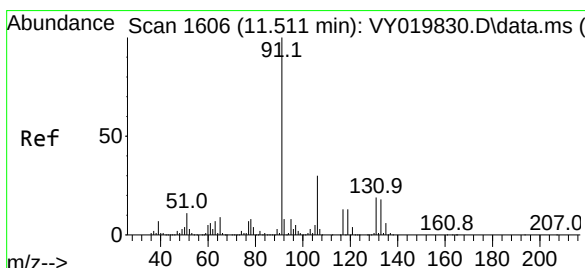
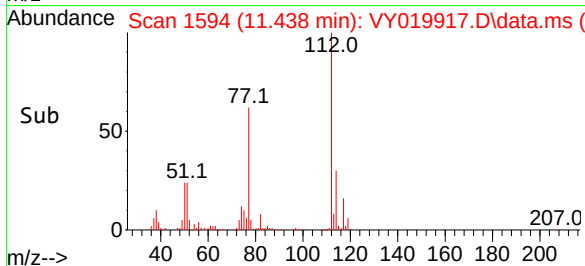
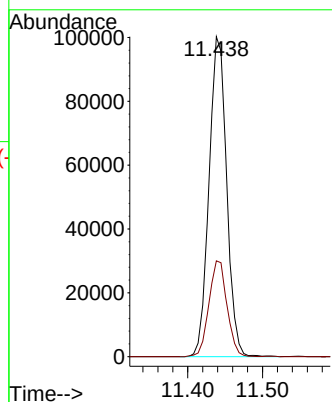
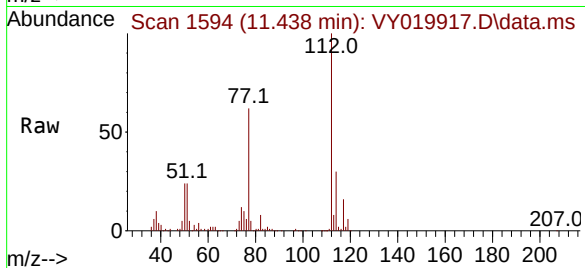
ClientSampleId :

Tgt Ion:112 Resp: 164421

Ion Ratio Lower Upper

112 100

114 29.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 23.774 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

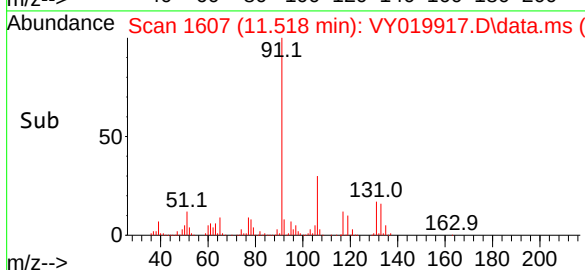
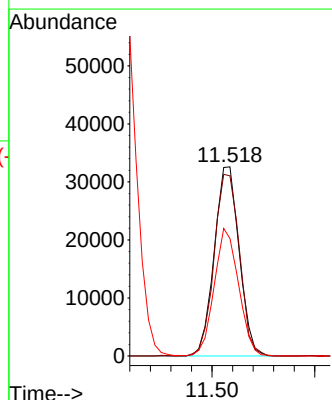
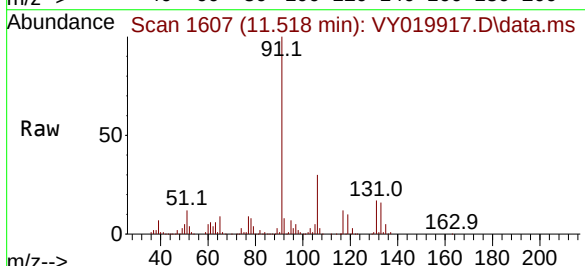
Tgt Ion:131 Resp: 54927

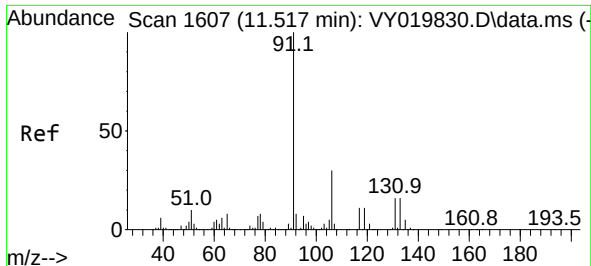
Ion Ratio Lower Upper

131 100

133 97.3 47.8 143.3

119 65.8 34.1 102.2





#67

Ethyl Benzene

Concen: 24.367 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

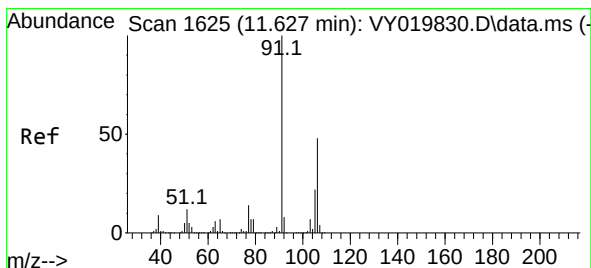
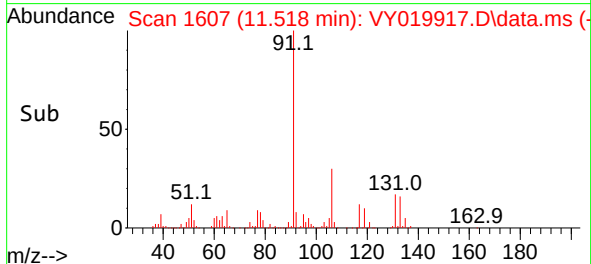
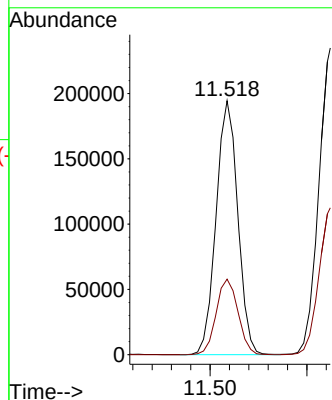
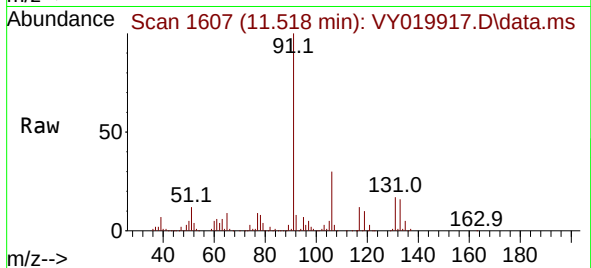
ClientSampleId :

Tgt Ion: 91 Resp: 302257

Ion Ratio Lower Upper

91 100

106 29.8 24.5 36.7



#68

m/p-Xylenes

Concen: 47.813 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019917.D

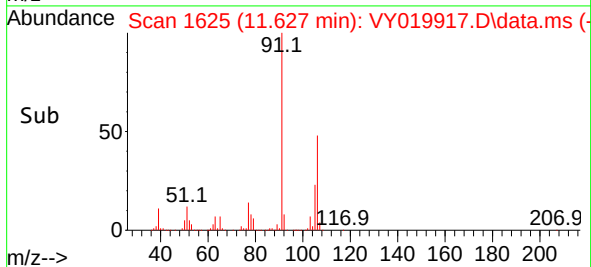
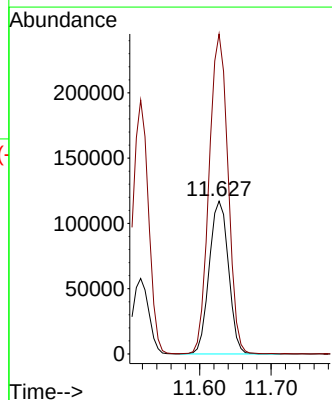
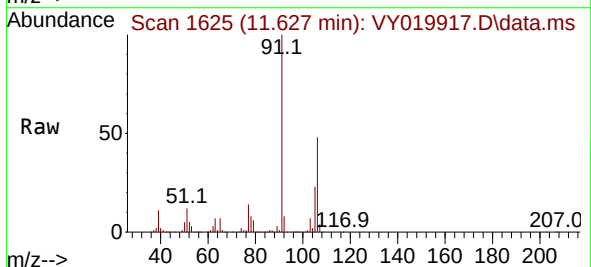
Acq: 16 Oct 2024 15:52

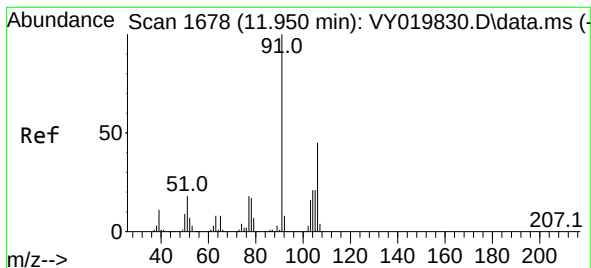
Tgt Ion:106 Resp: 219041

Ion Ratio Lower Upper

106 100

91 205.2 156.0 234.0





#69

o-Xylene

Concen: 24.236 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

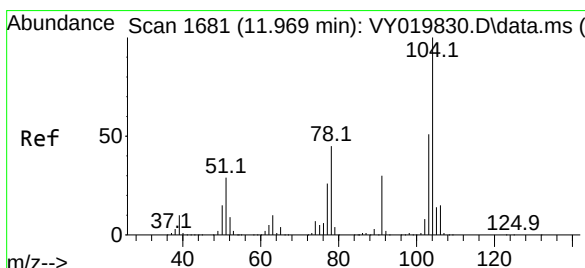
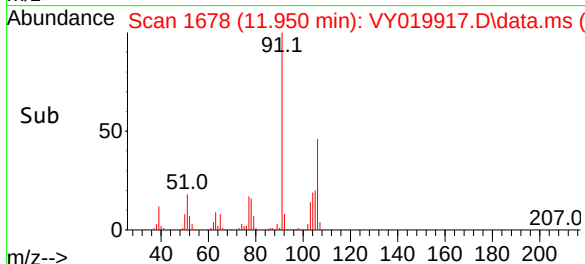
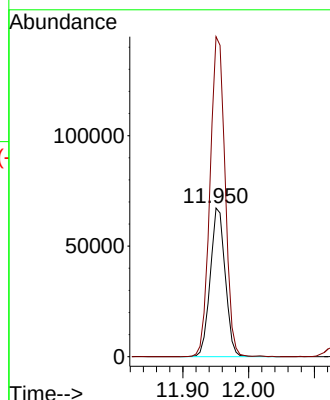
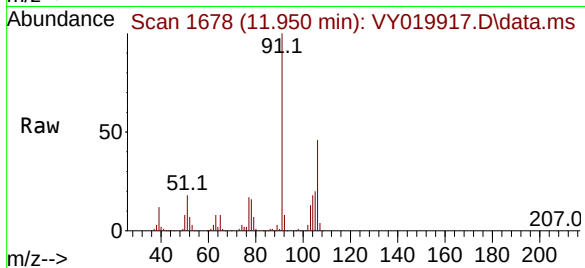
ClientSampleId :

Tgt Ion:106 Resp: 106679

Ion Ratio Lower Upper

106 100

91 215.8 103.6 310.8



#70

Styrene

Concen: 24.380 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

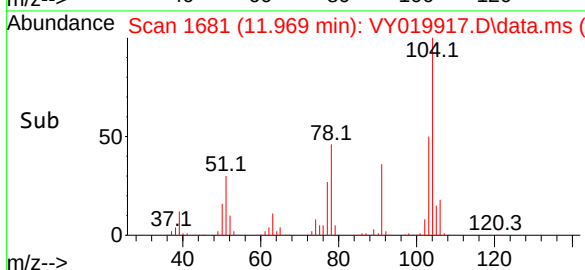
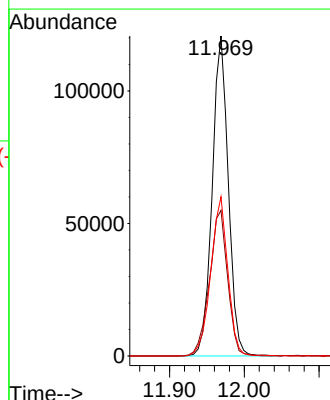
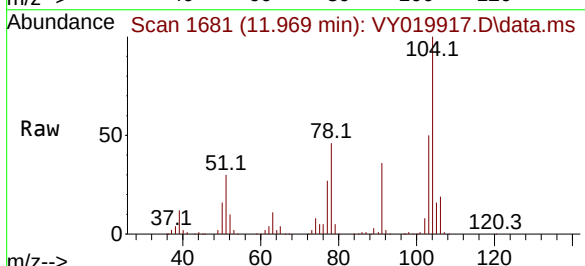
Tgt Ion:104 Resp: 181052

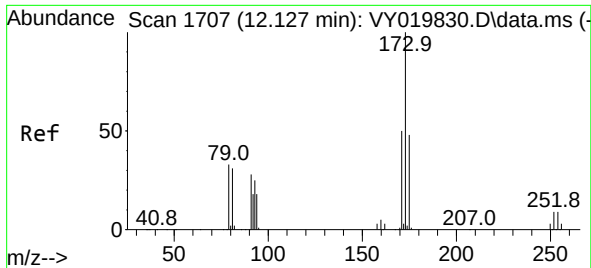
Ion Ratio Lower Upper

104 100

78 51.3 37.0 55.4

103 52.7 44.2 66.2

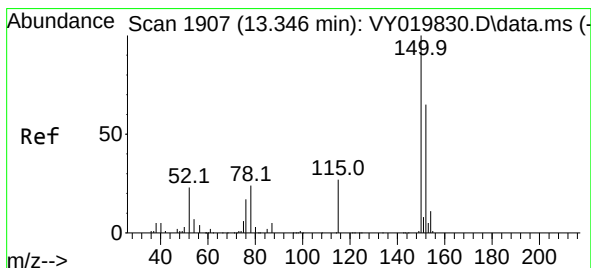
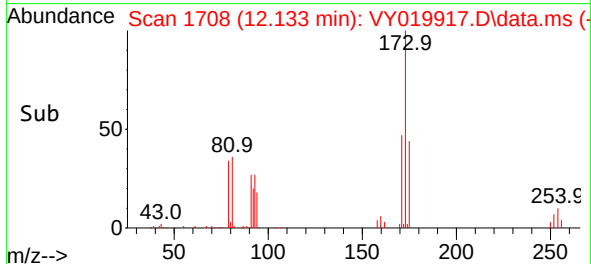
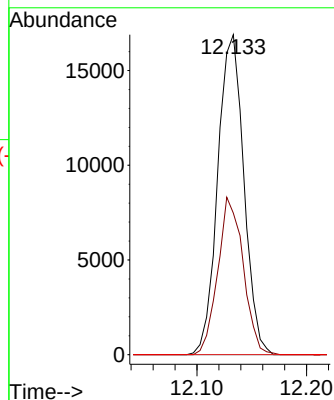
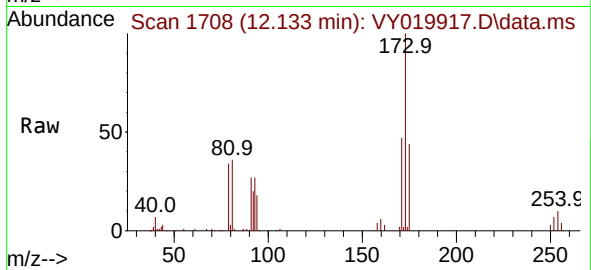




#71
Bromoform
Concen: 22.571 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

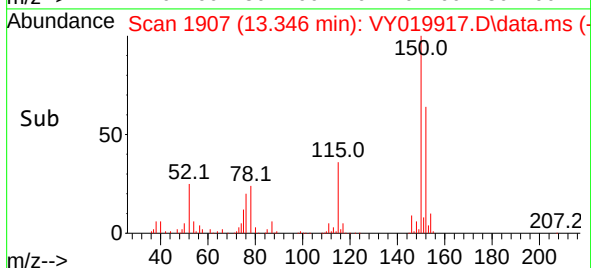
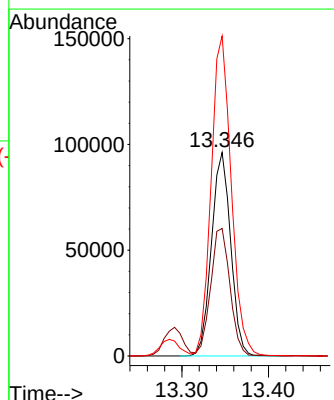
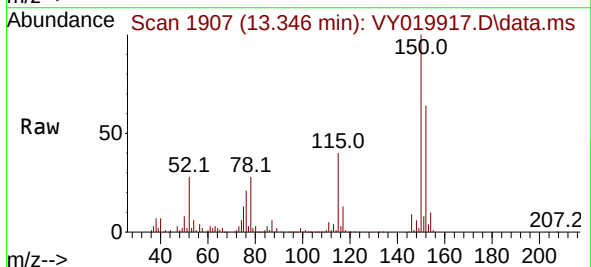
Instrument :
MSVOA_Y
ClientSampleId :

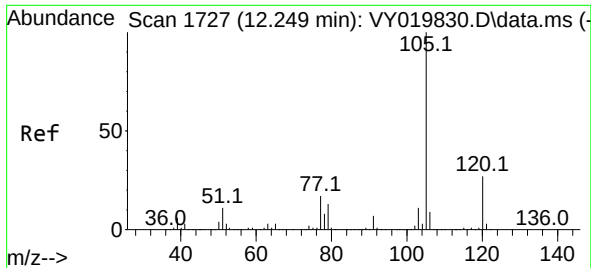
Tgt Ion:173 Resp: 27916
Ion Ratio Lower Upper
173 100
175 47.9 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion:152 Resp: 148220
Ion Ratio Lower Upper
152 100
115 63.0 28.2 84.7
150 164.6 0.0 345.6

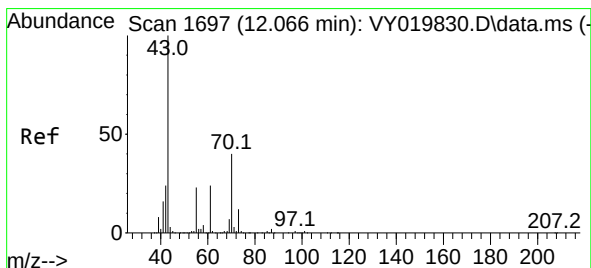
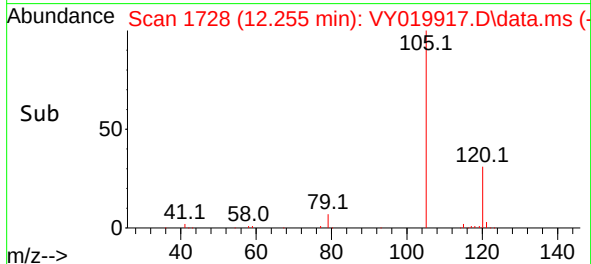
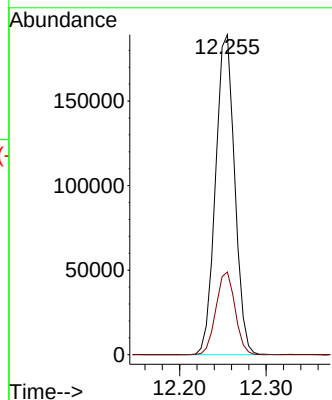
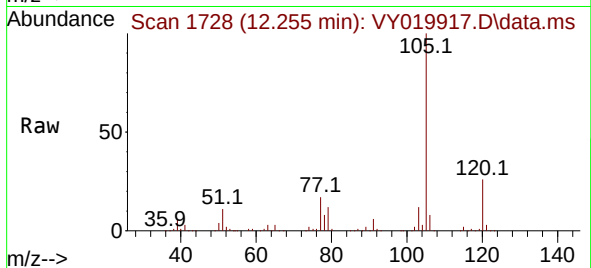




#73
Isopropylbenzene
Concen: 23.293 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

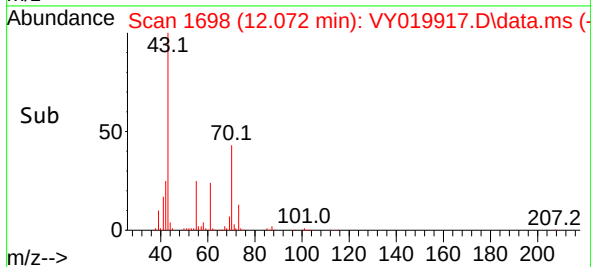
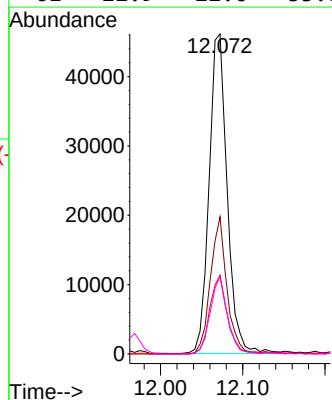
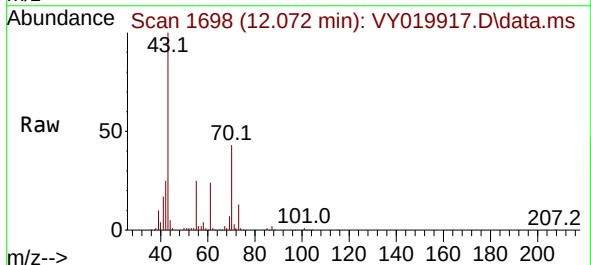
Instrument :
MSVOA_Y
ClientSampleId :

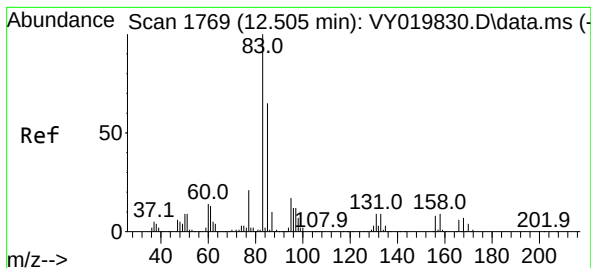
Tgt Ion:105 Resp: 290403
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 21.331 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 43 Resp: 70435
Ion Ratio Lower Upper
43 100
70 39.1 41.4 62.2#
55 24.0 23.3 34.9
61 22.9 22.6 33.8

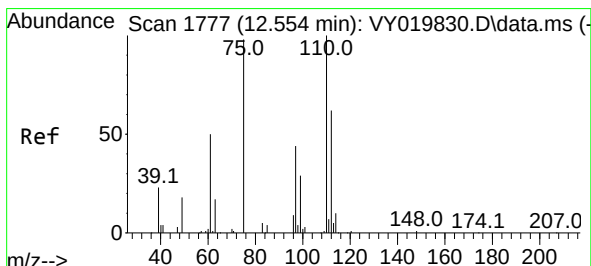
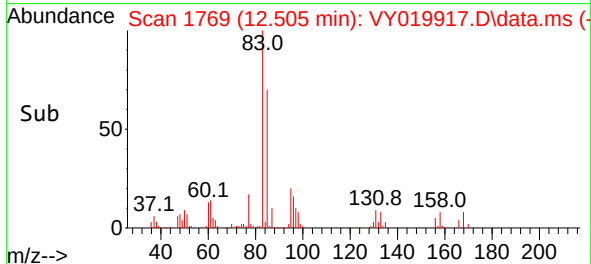
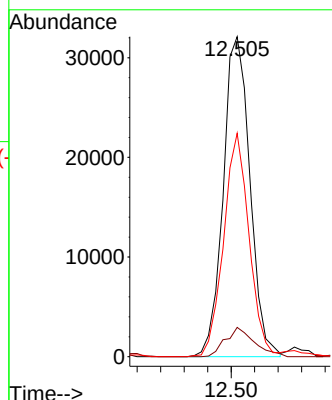
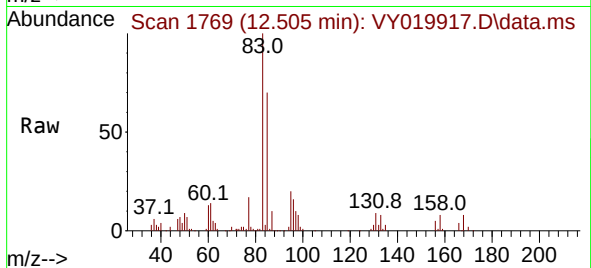




#75
1,1,2,2-Tetrachloroethane
Concen: 22.890 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

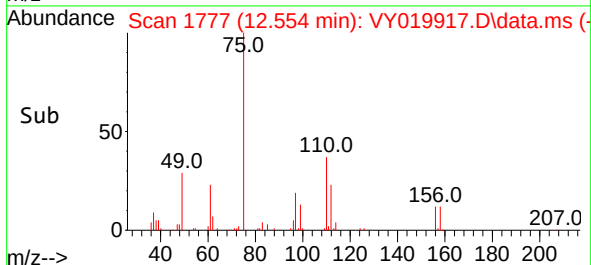
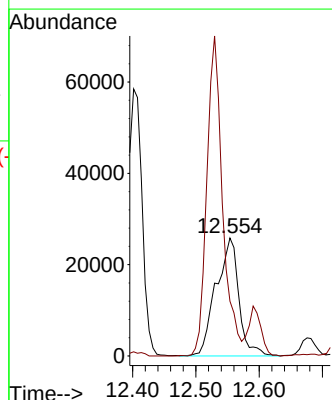
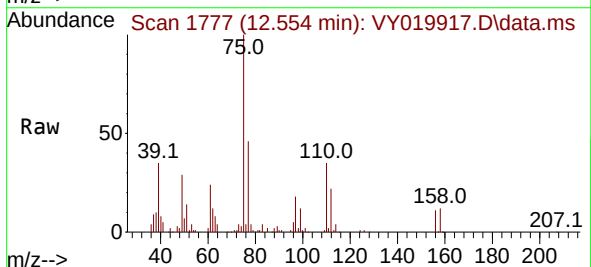
Instrument :
MSVOA_Y
ClientSampleId :

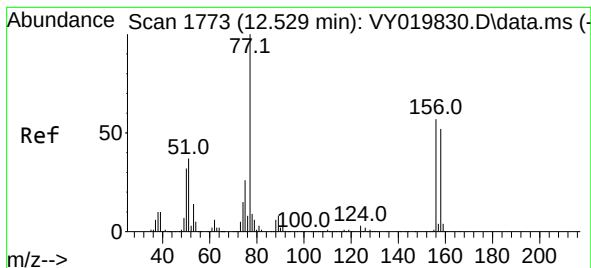
Tgt Ion: 83 Resp: 50707
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 66.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 22.221 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 75 Resp: 64521
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.813 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019917.D

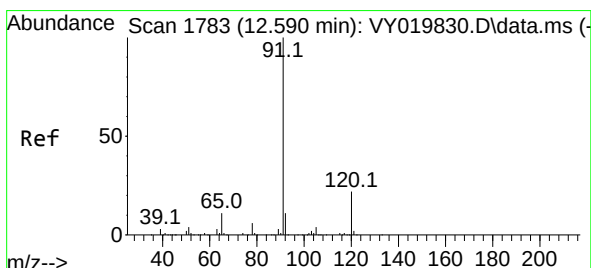
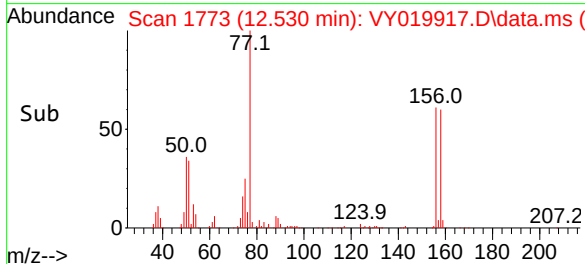
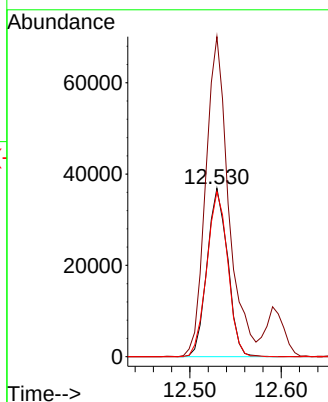
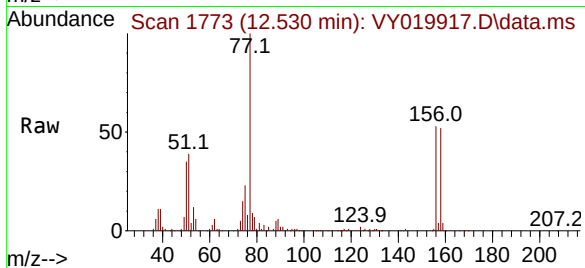
Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	57710
Ion Ratio	Lower	Upper	
156	100		
77	211.4	87.1	261.3
158	99.9	48.6	145.9



#78

n-propylbenzene

Concen: 24.105 ug/l

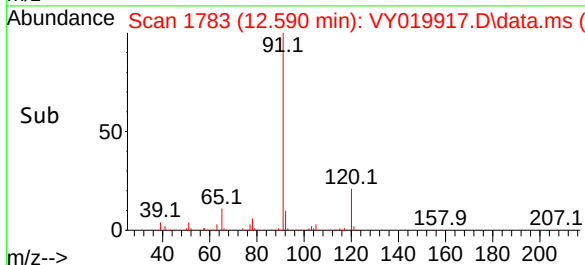
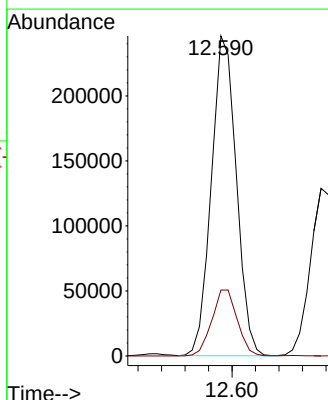
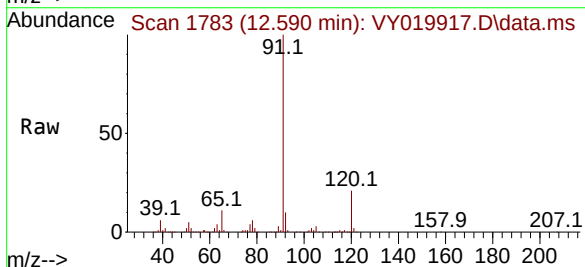
RT: 12.590 min Scan# 1783

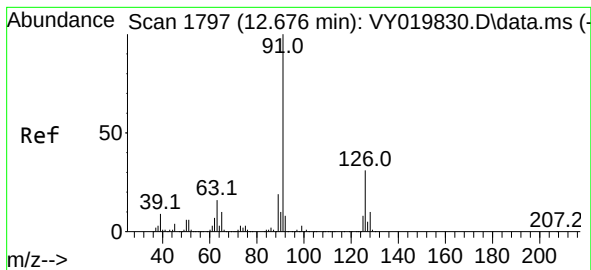
Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Tgt Ion:	91	Resp:	363128
Ion Ratio	Lower	Upper	
91	100		
120	21.1	11.5	34.4

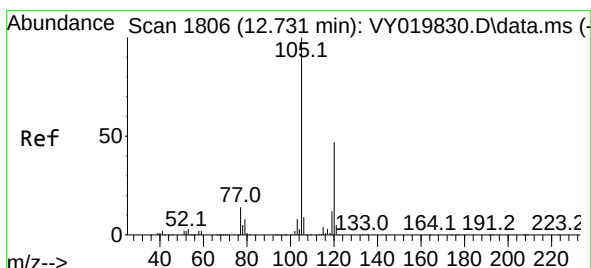
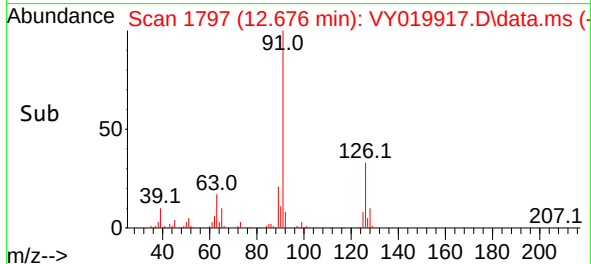
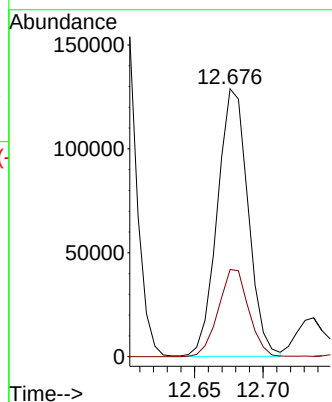
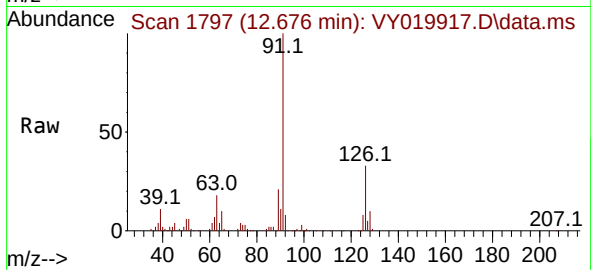




#79
2-Chlorotoluene
Concen: 23.304 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

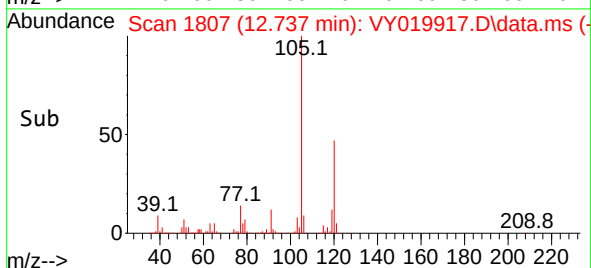
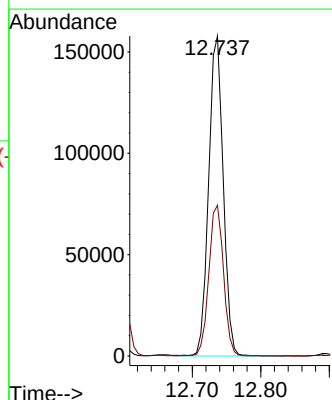
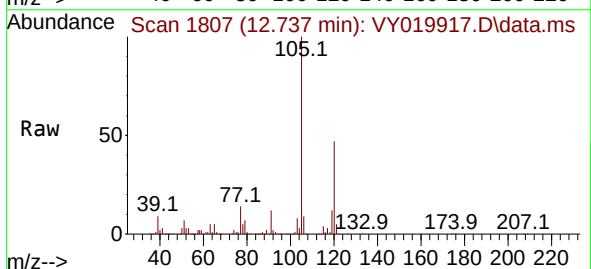
Instrument :
MSVOA_Y
ClientSampleId :

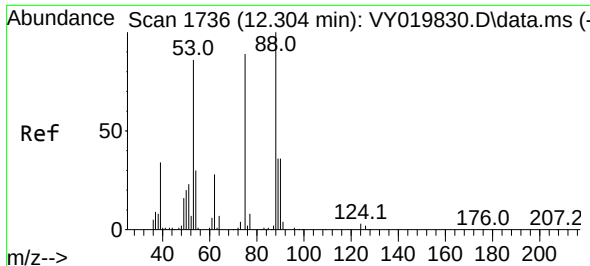
Tgt Ion: 91 Resp: 201259
Ion Ratio Lower Upper
91 100
126 32.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 23.209 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion:105 Resp: 233679
Ion Ratio Lower Upper
105 100
120 47.7 25.1 75.2

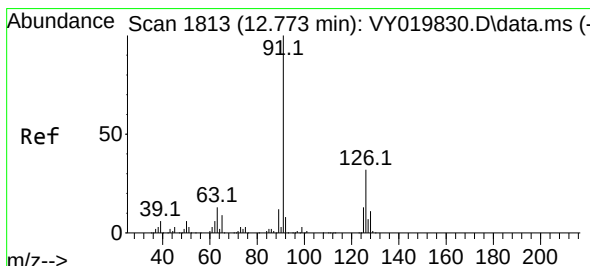
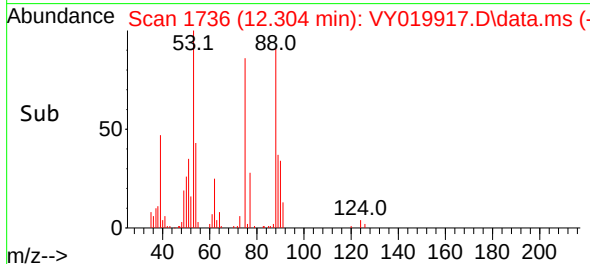
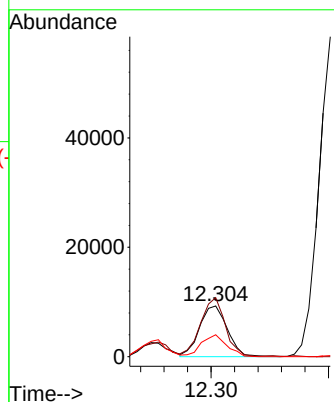
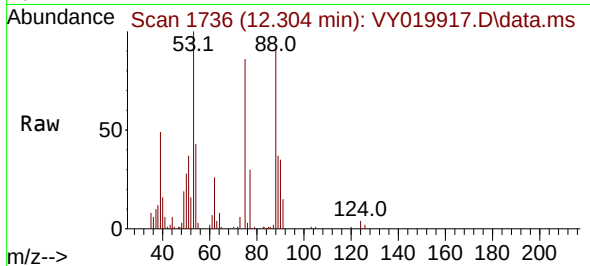




#81
trans-1,4-Dichloro-2-butene
Concen: 21.098 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

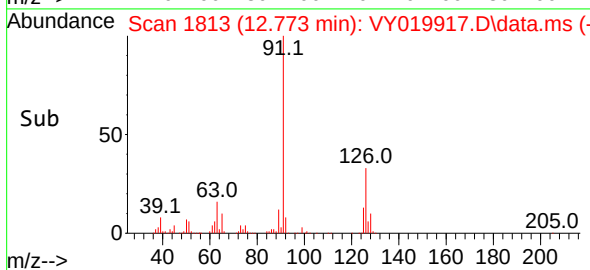
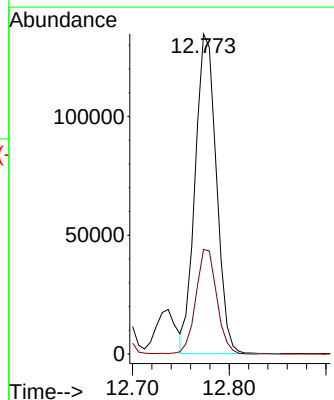
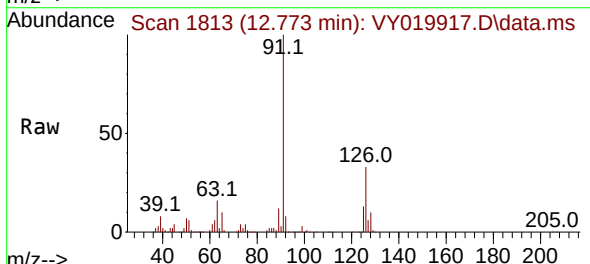
Instrument :
MSVOA_Y
ClientSampleId :

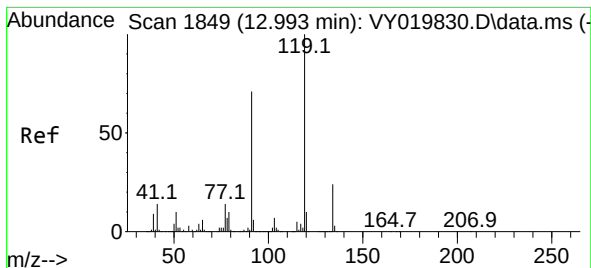
Tgt Ion: 75 Resp: 15177
Ion Ratio Lower Upper
75 100
53 102.4 66.8 100.2#
89 39.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 23.283 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019917.D
Acq: 16 Oct 2024 15:52

Tgt Ion: 91 Resp: 205600
Ion Ratio Lower Upper
91 100
126 32.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 24.389 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

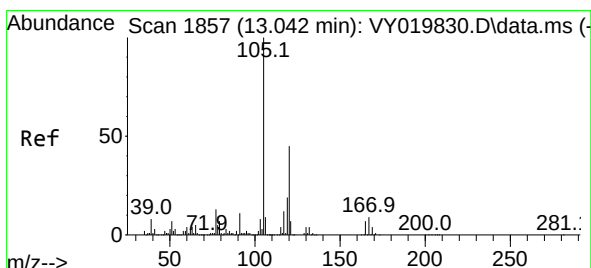
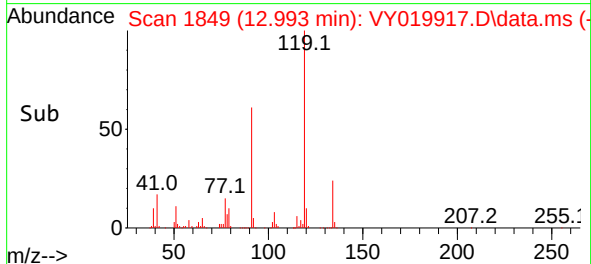
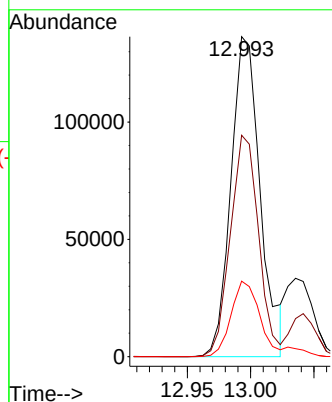
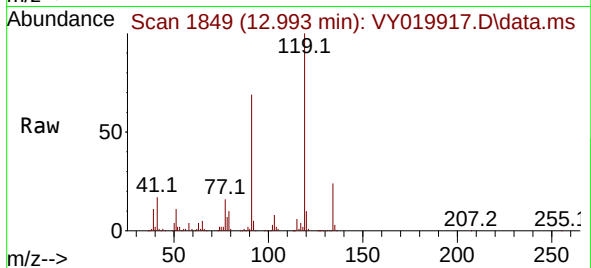
Tgt Ion:119 Resp: 219980

Ion Ratio Lower Upper

119 100

91 66.9 31.3 93.8

134 25.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 23.001 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019917.D

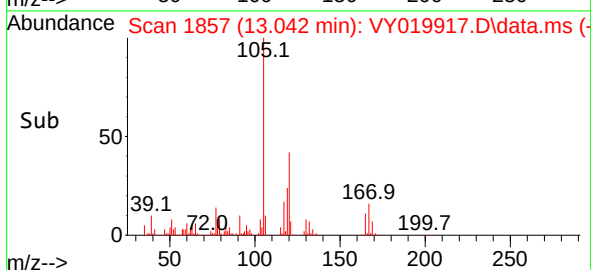
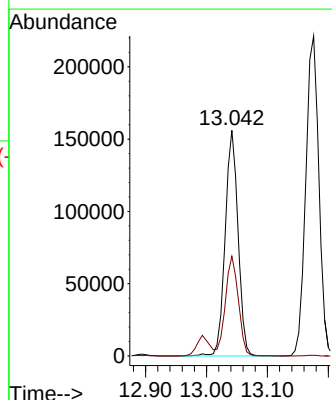
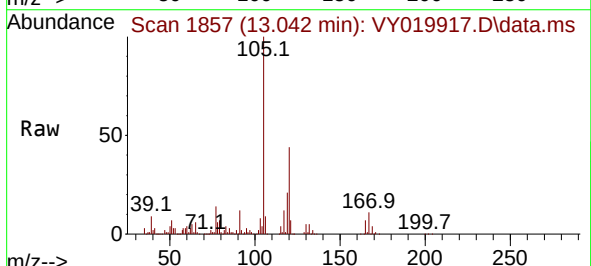
Acq: 16 Oct 2024 15:52

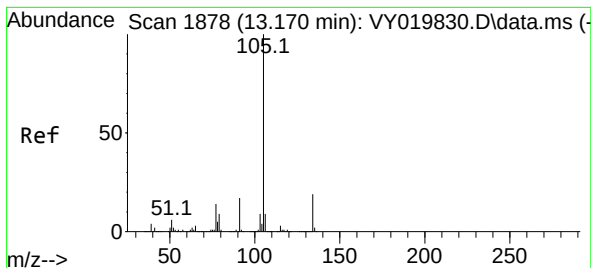
Tgt Ion:105 Resp: 229604

Ion Ratio Lower Upper

105 100

120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 24.476 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

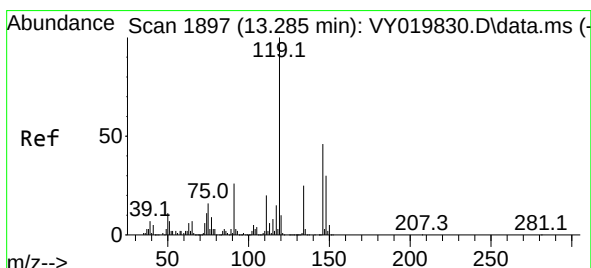
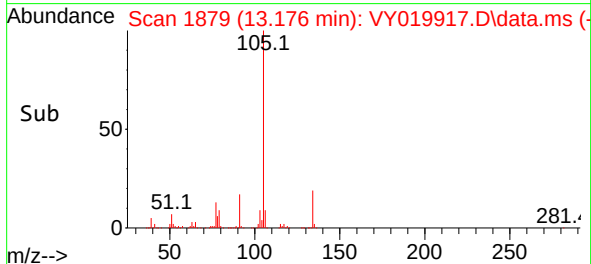
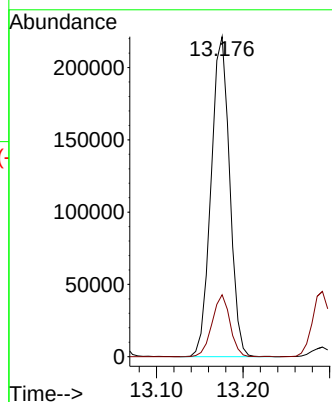
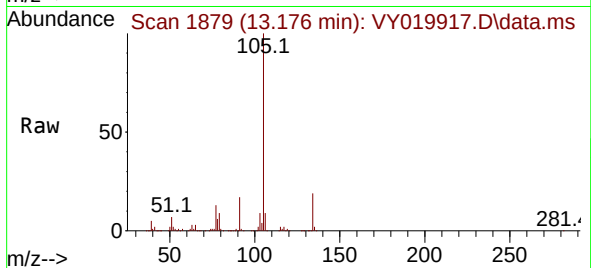
ClientSampleId :

Tgt Ion:105 Resp: 329850

Ion Ratio Lower Upper

105 100

134 18.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 23.923 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

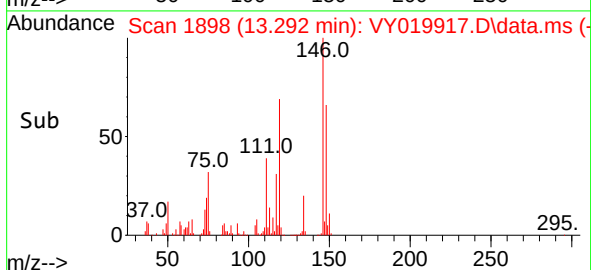
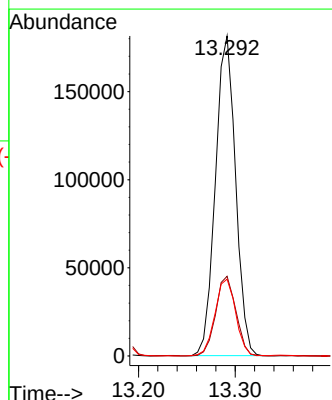
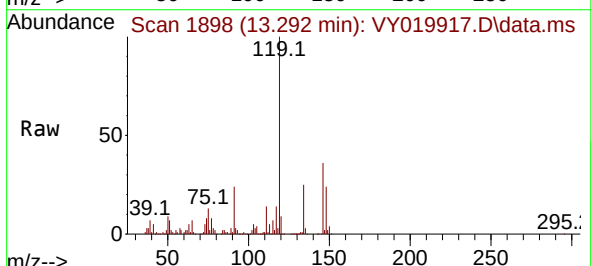
Tgt Ion:119 Resp: 261791

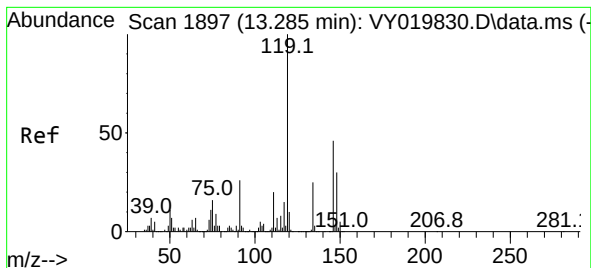
Ion Ratio Lower Upper

119 100

134 25.1 13.1 39.3

91 24.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.975 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

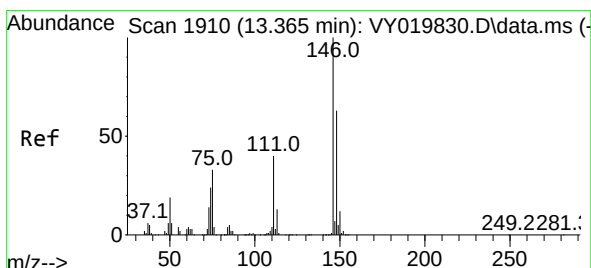
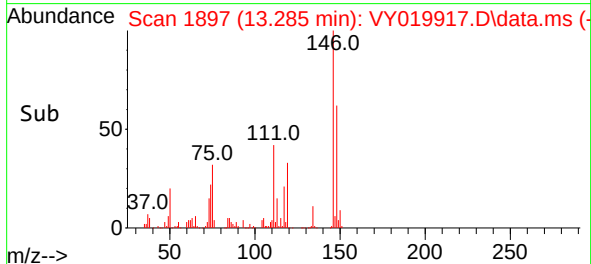
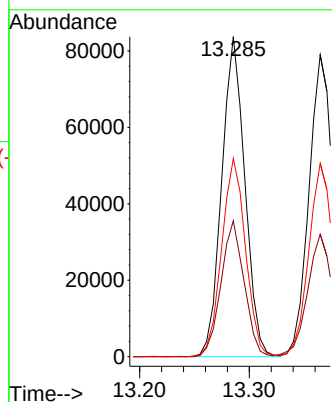
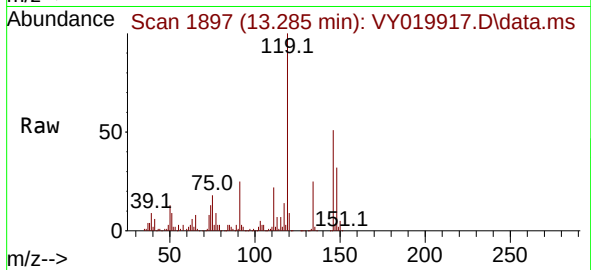
Tgt Ion:146 Resp: 122747

Ion Ratio Lower Upper

146 100

111 42.4 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 23.018 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

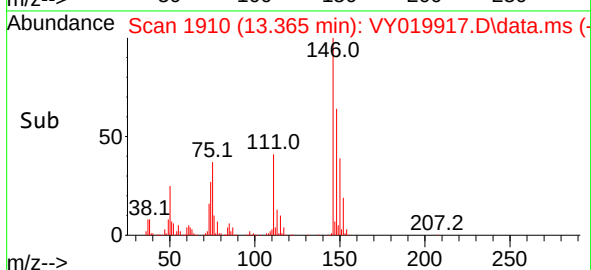
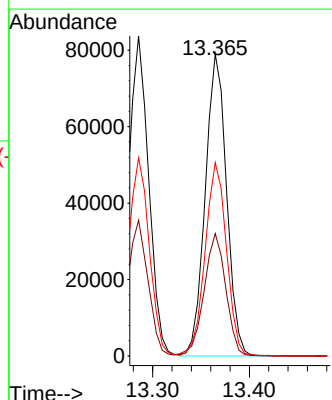
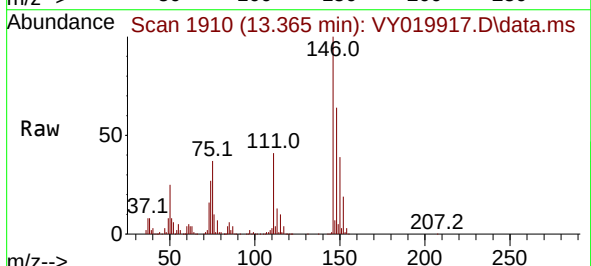
Tgt Ion:146 Resp: 120813

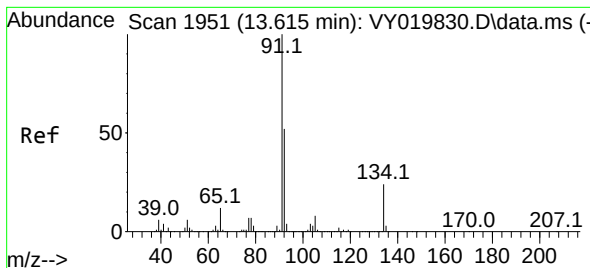
Ion Ratio Lower Upper

146 100

111 41.4 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 24.181 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

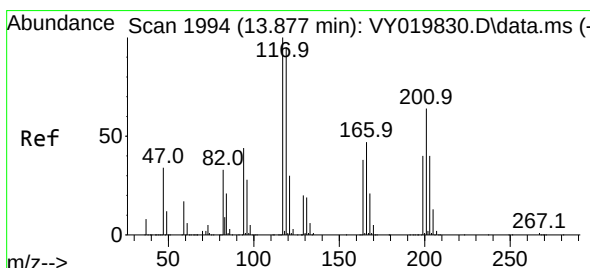
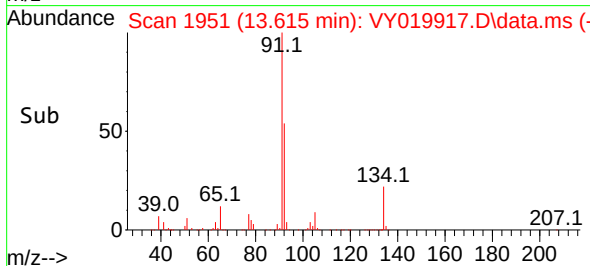
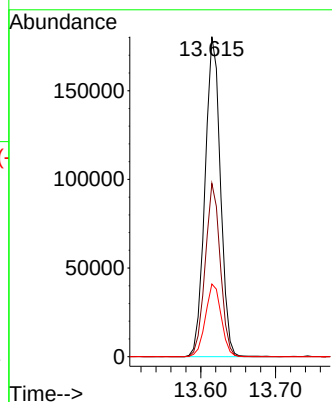
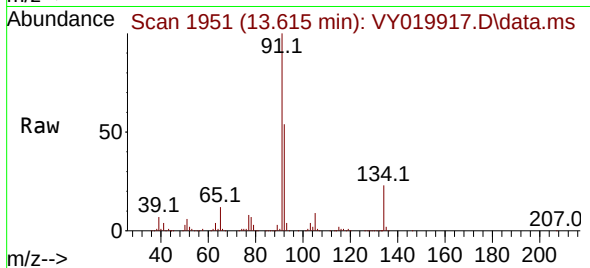
Tgt Ion: 91 Resp: 258386

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 23.2 12.9 38.7



#90

Hexachloroethane

Concen: 23.088 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019917.D

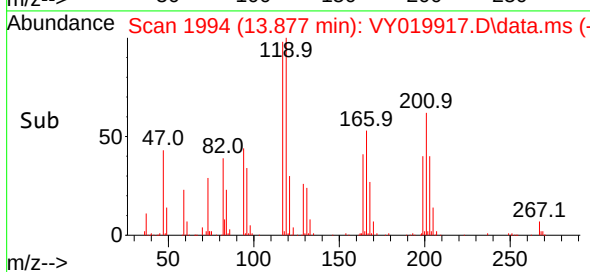
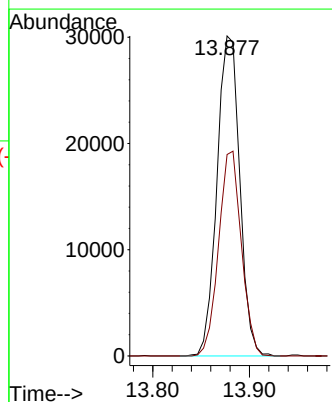
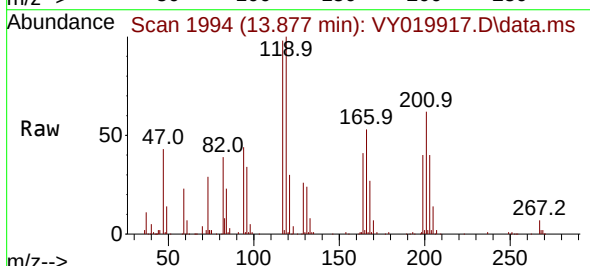
Acq: 16 Oct 2024 15:52

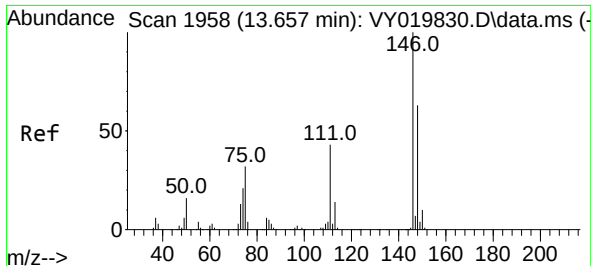
Tgt Ion: 117 Resp: 49196

Ion Ratio Lower Upper

117 100

201 64.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 22.728 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

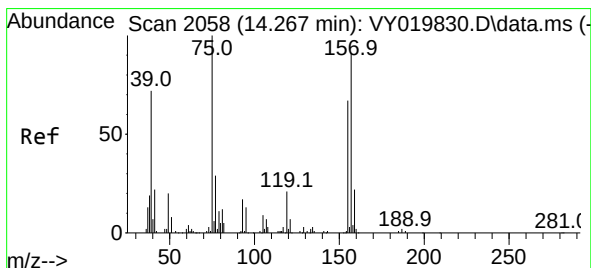
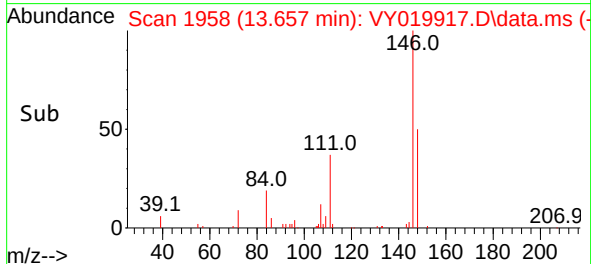
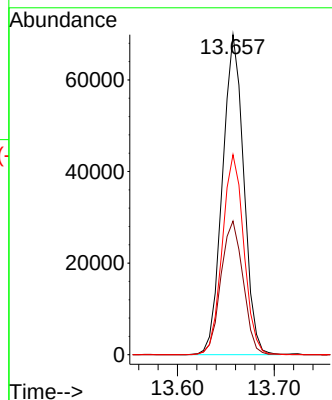
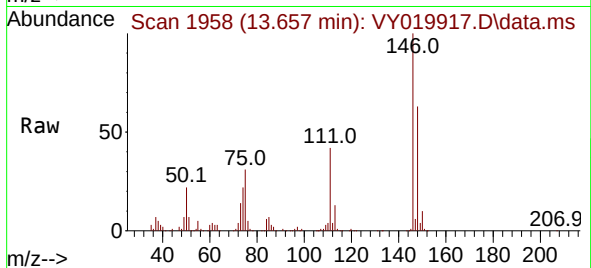
Tgt Ion:146 Resp: 106694

Ion Ratio Lower Upper

146 100

111 43.7 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.724 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

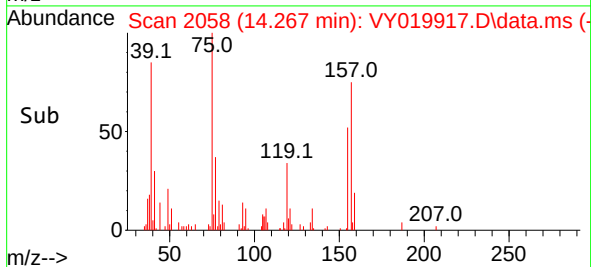
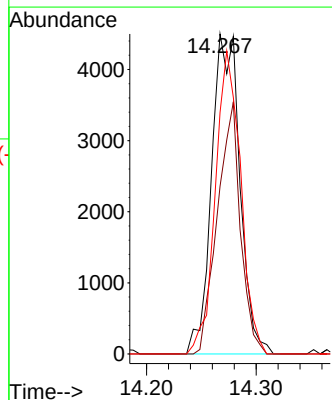
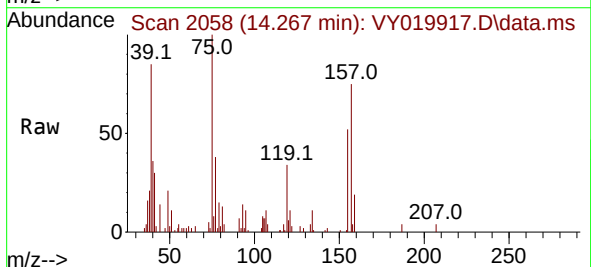
Tgt Ion: 75 Resp: 8034

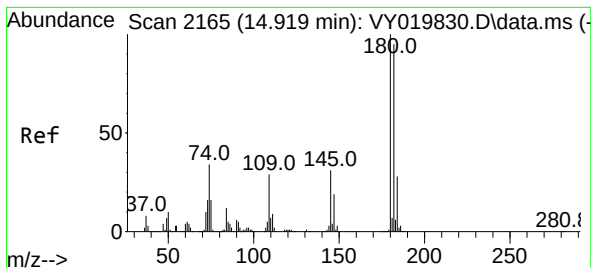
Ion Ratio Lower Upper

75 100

155 64.4 48.6 145.8

157 85.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 22.318 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

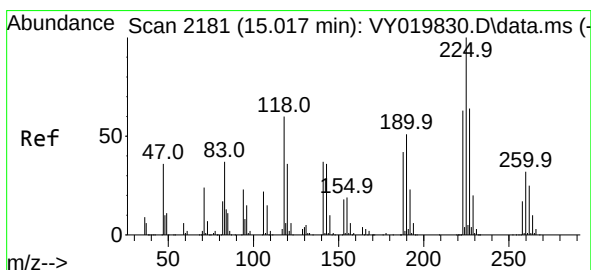
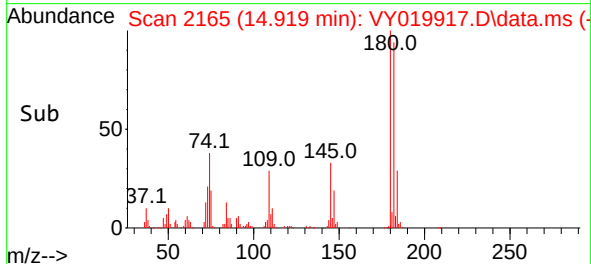
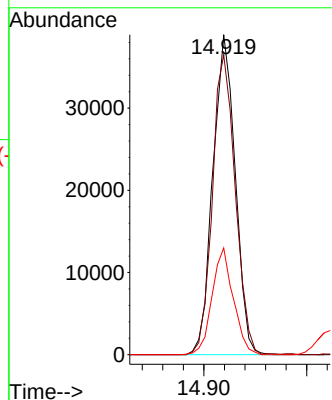
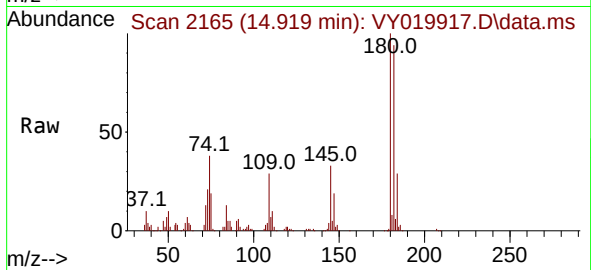
Tgt Ion:180 Resp: 58749

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 31.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 23.297 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

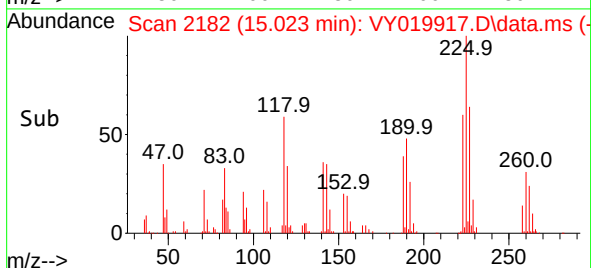
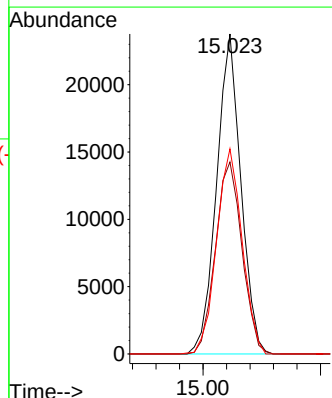
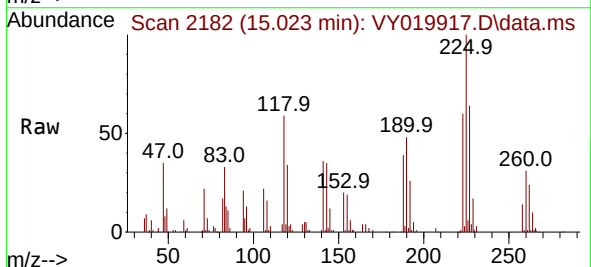
Tgt Ion:225 Resp: 34094

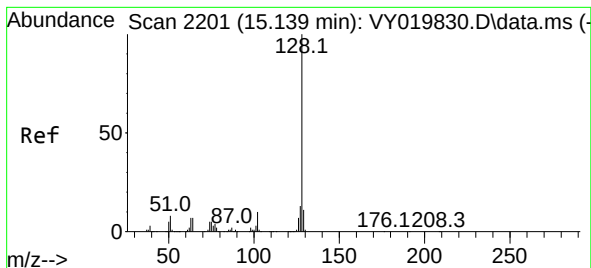
Ion Ratio Lower Upper

225 100

223 65.5 30.4 91.2

227 67.5 31.9 95.9





#95

Naphthalene

Concen: 21.481 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

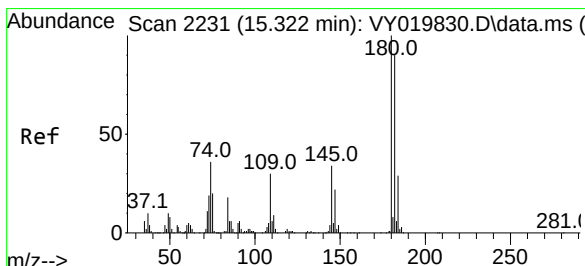
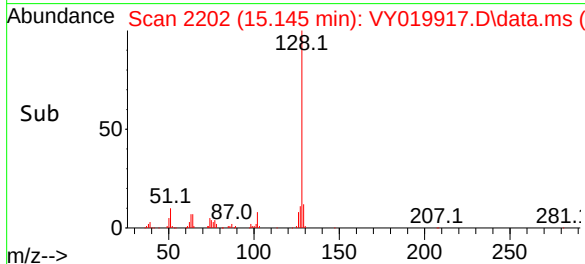
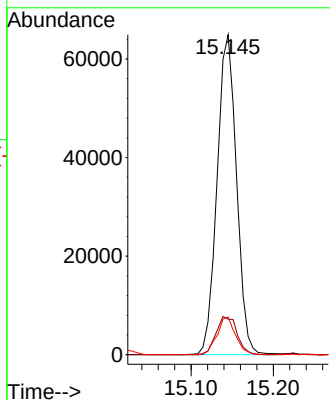
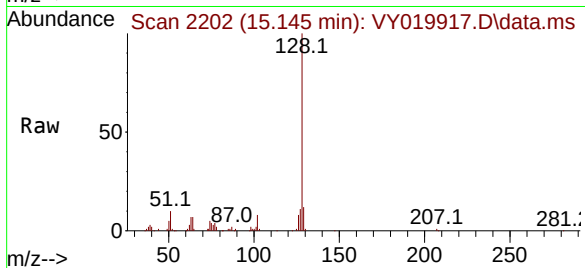
Tgt Ion:128 Resp: 106648

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.474 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019917.D

Acq: 16 Oct 2024 15:52

Tgt Ion:180 Resp: 50009

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 33.0 15.4 46.1

