

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019918.D
 Acq On : 16 Oct 2024 16:15
 Operator : SY/MD
 Sample : VY1016SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:55:44 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	212998	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	372738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	326622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	161487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121089	46.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.634	113	108831	44.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.500%
50) Toluene-d8	10.109	98	385246	42.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.820%
62) 4-Bromofluorobenzene	12.401	95	144432	44.007	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.020%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	41119	20.737	ug/l	93
3) Chloromethane	2.068	50	53766	20.834	ug/l	96
4) Vinyl Chloride	2.202	62	59453	20.935	ug/l	95
5) Bromomethane	2.592	94	39715	22.094	ug/l	100
6) Chloroethane	2.732	64	42170	22.104	ug/l	96
7) Trichlorofluoromethane	3.056	101	92096	21.794	ug/l	90
8) Diethyl Ether	3.458	74	30602	23.828	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.824	101	57511	23.398	ug/l	91
10) Methyl Iodide	4.007	142	49786	20.027	ug/l	91
11) Tert butyl alcohol	4.866	59	28446	125.110	ug/l	# 87
12) 1,1-Dichloroethene	3.793	96	47187	20.650	ug/l	84
13) Acrolein	3.659	56	21190	109.958	ug/l	100
14) Allyl chloride	4.391	41	89887	21.802	ug/l	# 89
15) Acrylonitrile	5.067	53	74783	127.307	ug/l	98
16) Acetone	3.873	43	88067	128.995	ug/l	# 86
17) Carbon Disulfide	4.104	76	102232	16.692	ug/l	100
18) Methyl Acetate	4.391	43	34660	23.567	ug/l	# 88
19) Methyl tert-butyl Ether	5.116	73	156308	23.810	ug/l	96
20) Methylene Chloride	4.616	84	63915	24.933	ug/l	# 81
21) trans-1,2-Dichloroethene	5.122	96	51405	20.670	ug/l	# 84
22) Diisopropyl ether	6.018	45	225549	25.115	ug/l	90
23) Vinyl Acetate	5.964	43	629411	122.255	ug/l	# 89
24) 1,1-Dichloroethane	5.915	63	115891	23.215	ug/l	96
25) 2-Butanone	6.902	43	120650	132.026	ug/l	# 85
26) 2,2-Dichloropropane	6.884	77	94025	21.149	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	70063	22.797	ug/l	82
28) Bromochloromethane	7.244	49	53310	24.262	ug/l	# 74
29) Tetrahydrofuran	7.262	42	67166	128.725	ug/l	# 82
30) Chloroform	7.421	83	120069	23.595	ug/l	98
31) Cyclohexane	7.701	56	89408	20.403	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	100064	22.438	ug/l	94
36) 1,1-Dichloropropene	7.835	75	78436	22.135	ug/l	93
37) Ethyl Acetate	6.994	43	47023	25.449	ug/l	95
38) Carbon Tetrachloride	7.823	117	82149	21.625	ug/l	97
39) Methylcyclohexane	9.109	83	92780	20.780	ug/l	# 86
40) Benzene	8.079	78	243164	22.674	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22384	22.383	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	74189	24.080	ug/l	94
43) Isopropyl Acetate	8.195	43	94378	25.045	ug/l #	87
44) Trichloroethene	8.866	130	58151	22.388	ug/l	95
45) 1,2-Dichloropropane	9.140	63	65265	24.314	ug/l	94
46) Dibromomethane	9.231	93	34067	23.229	ug/l	91
47) Bromodichloromethane	9.426	83	92106	23.661	ug/l #	94
48) Methyl methacrylate	9.219	41	41572	25.080	ug/l #	81
49) 1,4-Dioxane	9.231	88	8108	493.965	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	250501	130.328	ug/l	87
52) Toluene	10.170	92	150553	22.490	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	77892	22.239	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	94407	22.843	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	48649	25.178	ug/l	96
56) Ethyl methacrylate	10.438	69	67212	24.242	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	84686	24.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	157114	121.729	ug/l	93
59) 2-Hexanone	10.762	43	181029	131.867	ug/l	86
60) Dibromochloromethane	10.908	129	58273	23.497	ug/l	100
61) 1,2-Dibromoethane	11.018	107	41254	23.627	ug/l	99
64) Tetrachloroethene	10.646	164	50084	21.558	ug/l	94
65) Chlorobenzene	11.438	112	165786	22.192	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	57694	22.826	ug/l	99
67) Ethyl Benzene	11.517	91	300891	22.172	ug/l	98
68) m/p-Xylenes	11.627	106	217436	43.384	ug/l	90
69) o-Xylene	11.950	106	107040	22.228	ug/l	92
70) Styrene	11.969	104	183319	22.564	ug/l	96
71) Bromoform	12.133	173	31378	23.190	ug/l #	95
73) Isopropylbenzene	12.249	105	291591	21.467	ug/l	98
74) N-amyl acetate	12.066	43	85945	23.889	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	60745	25.168	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	72574	22.941	ug/l #	100
77) Bromobenzene	12.529	156	61788	21.436	ug/l	82
78) n-propylbenzene	12.597	91	360913	21.990	ug/l	96
79) 2-Chlorotoluene	12.676	91	203761	21.655	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	233198	21.258	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	16441	20.977	ug/l #	77
82) 4-Chlorotoluene	12.773	91	212568	22.094	ug/l	94
83) tert-Butylbenzene	12.993	119	218313	22.215	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	241097	22.168	ug/l	95
85) sec-Butylbenzene	13.176	105	324961	22.133	ug/l	98
86) p-Isopropyltoluene	13.292	119	265208	22.244	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	128347	22.049	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	126658	22.149	ug/l	97
89) n-Butylbenzene	13.615	91	259643	22.303	ug/l	99
90) Hexachloroethane	13.877	117	50151	21.602	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	114438	22.375	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8765	22.755	ug/l	77
93) 1,2,4-Trichlorobenzene	14.919	180	62802	21.898	ug/l	98
94) Hexachlorobutadiene	15.023	225	34213	21.457	ug/l	96
95) Naphthalene	15.145	128	123441	22.821	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	55912	23.063	ug/l	95

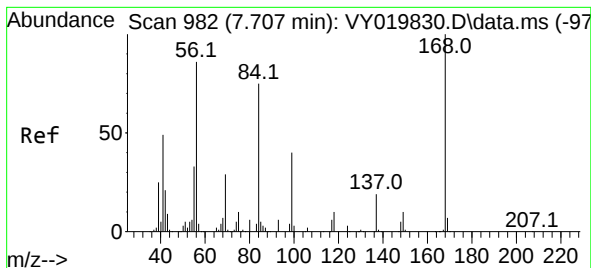
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY019918.D

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Instrument :

MSVOA_Y

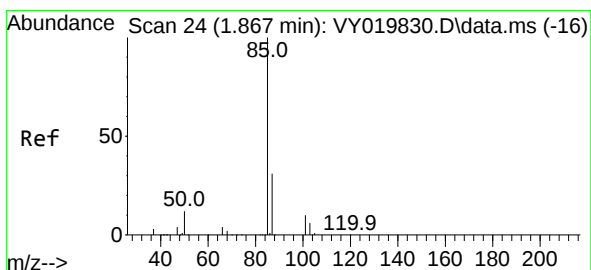
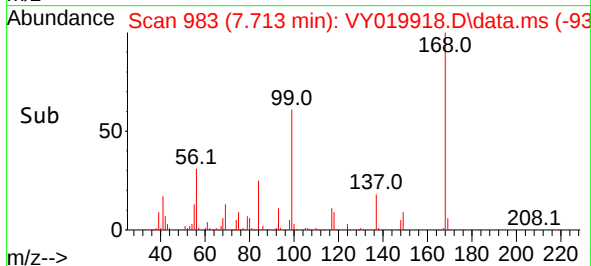
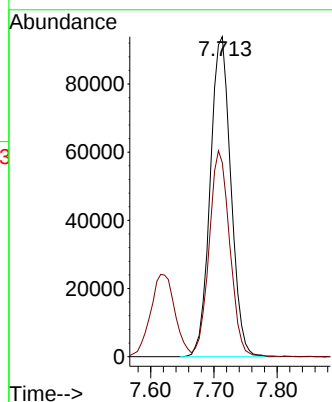
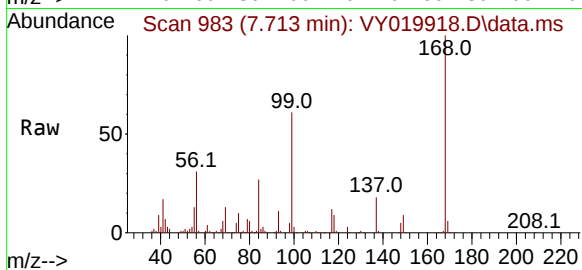
ClientSampleId :

Tgt Ion:168 Resp: 212998

Ion Ratio Lower Upper

168 100

99 60.6 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: 20.737 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019918.D

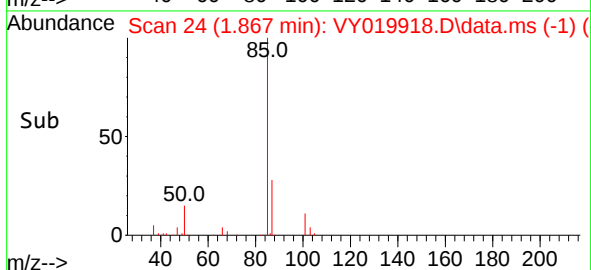
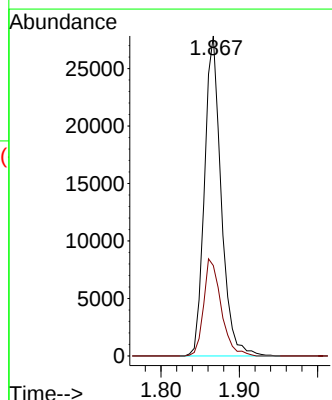
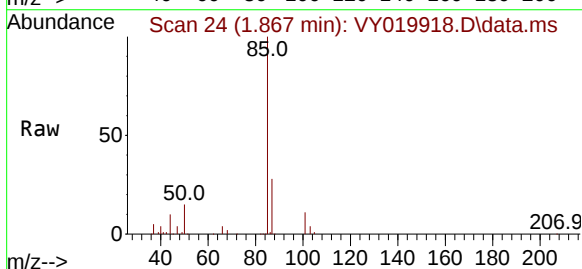
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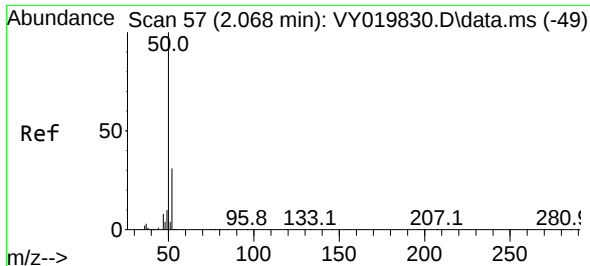
Tgt Ion: 85 Resp: 41119

Ion Ratio Lower Upper

85 100

87 28.2 16.0 48.0

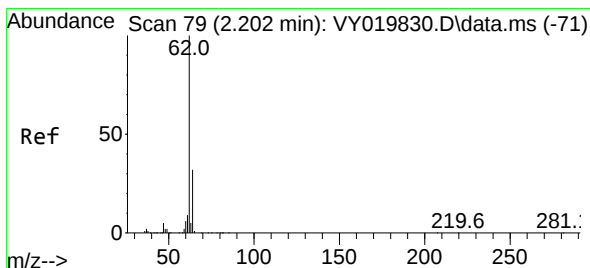
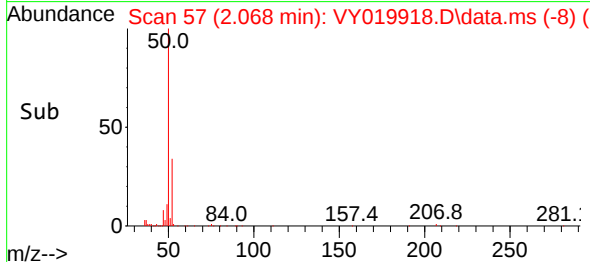
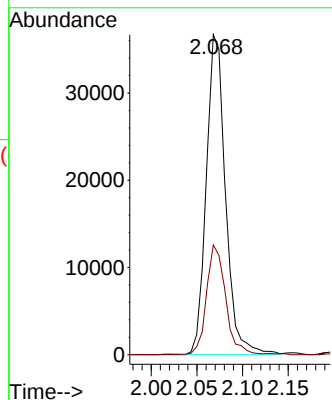
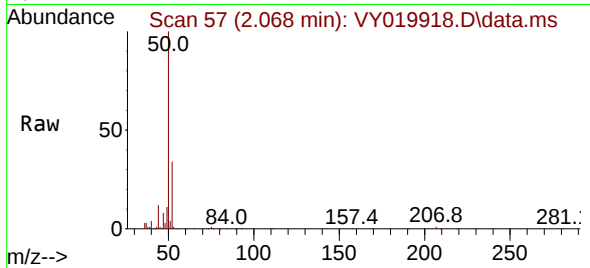




#3
Chloromethane
Concen: 20.834 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

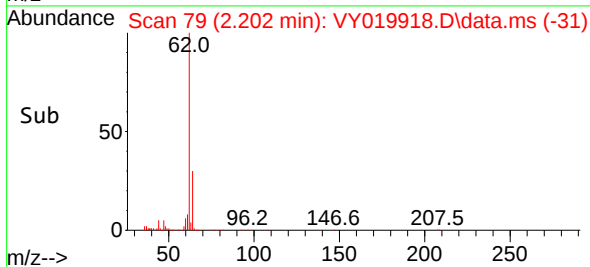
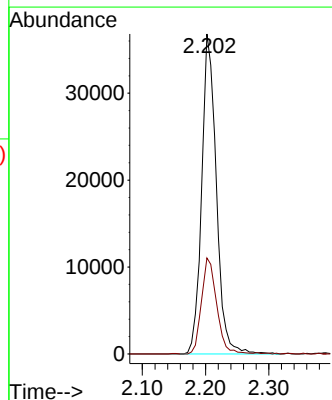
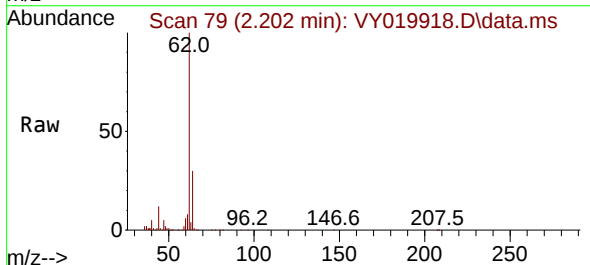
Instrument :
MSVOA_Y
ClientSampleId :

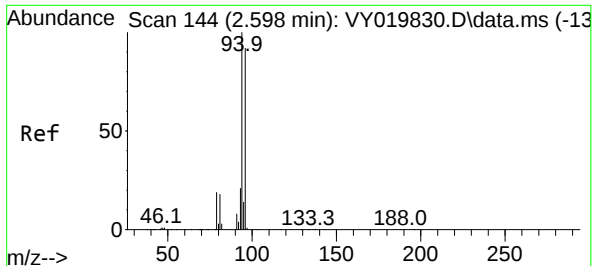
Tgt Ion: 50 Resp: 53766
Ion Ratio Lower Upper
50 100
52 34.1 25.6 38.4



#4
Vinyl Chloride
Concen: 20.935 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 62 Resp: 59453
Ion Ratio Lower Upper
62 100
64 30.0 26.1 39.1

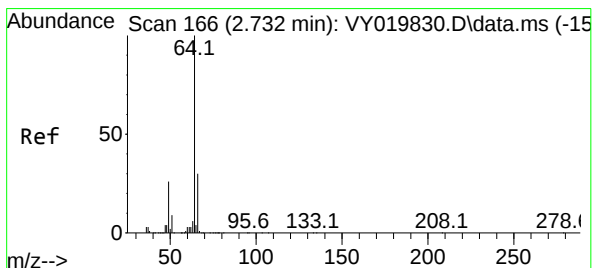
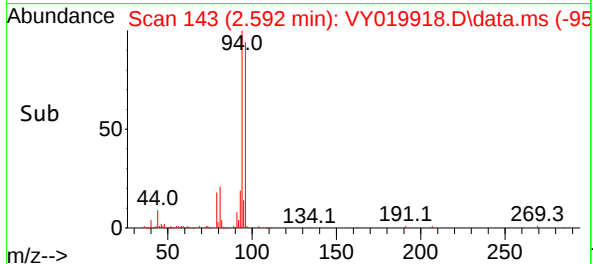
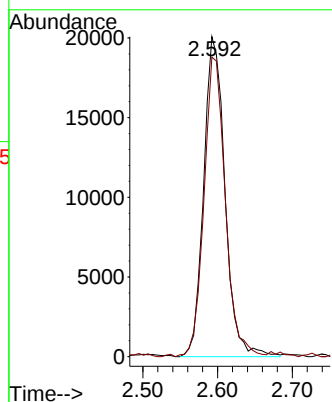
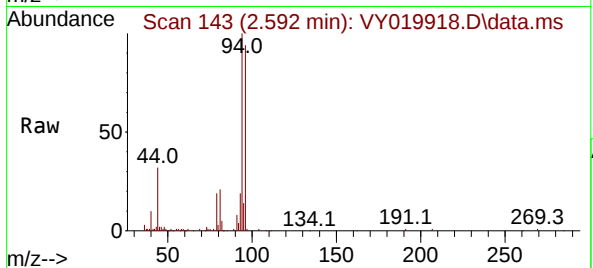




#5
Bromomethane
Concen: 22.094 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

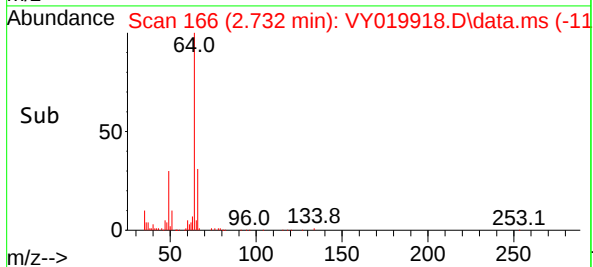
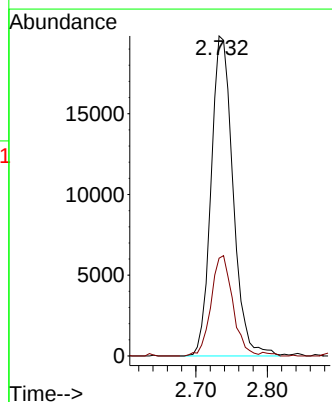
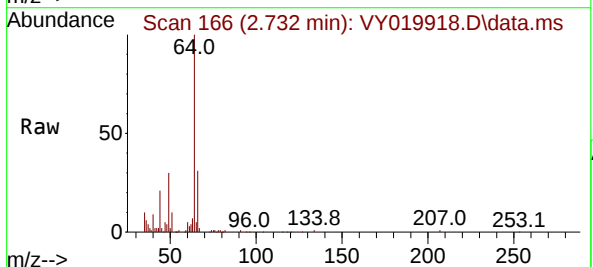
Instrument :
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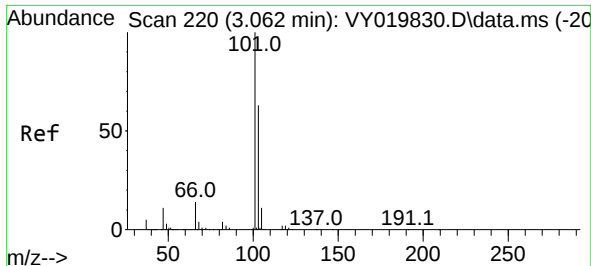
Tgt Ion: 94 Resp: 39715
Ion Ratio Lower Upper
94 100
96 93.0 74.1 111.1



#6
Chloroethane
Concen: 22.104 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 64 Resp: 42170
Ion Ratio Lower Upper
64 100
66 30.6 26.1 39.1

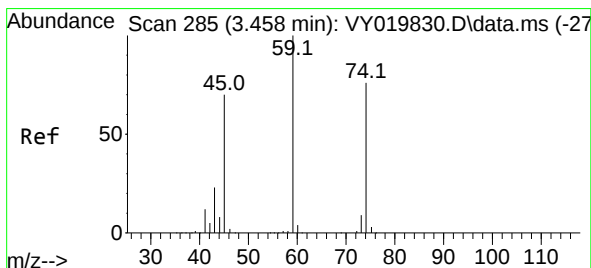
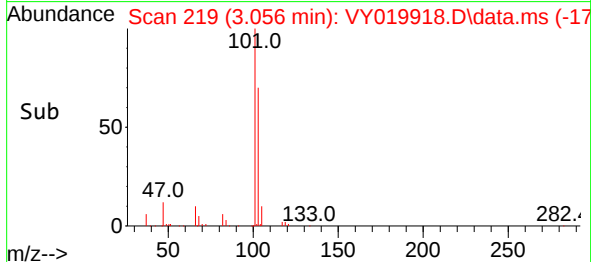
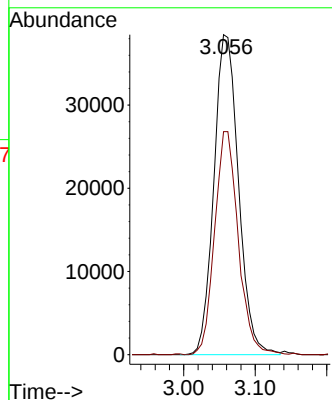
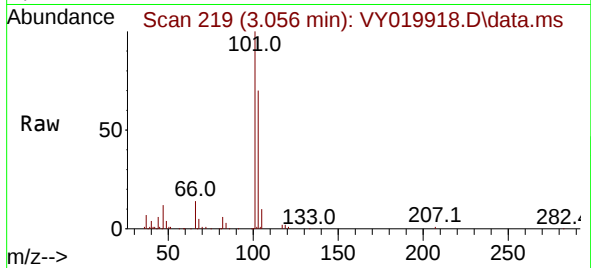




#7
Trichlorofluoromethane
Concen: 21.794 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

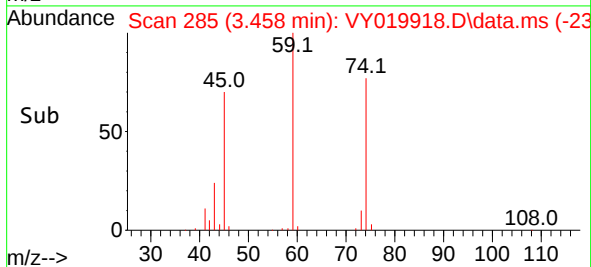
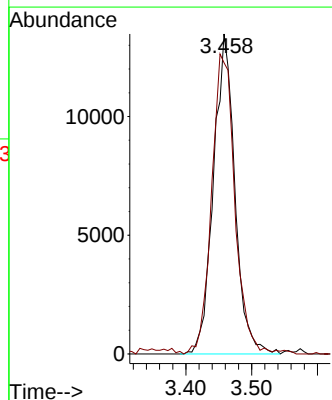
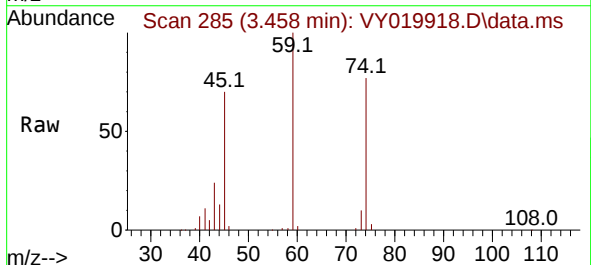
Instrument :
MSVOA_Y
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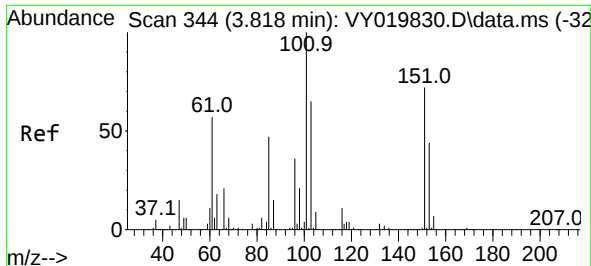
Tgt Ion:101 Resp: 92096
Ion Ratio Lower Upper
101 100
103 69.5 49.3 73.9



#8
Diethyl Ether
Concen: 23.828 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 74 Resp: 30602
Ion Ratio Lower Upper
74 100
45 101.0 41.3 124.1

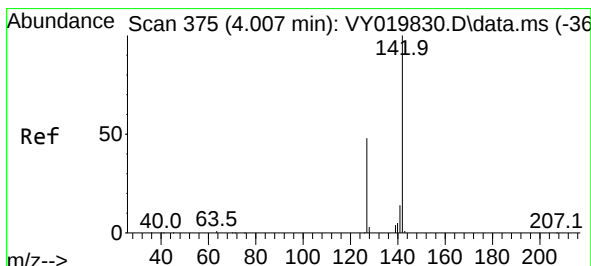
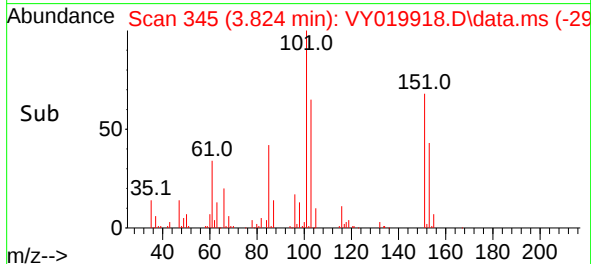
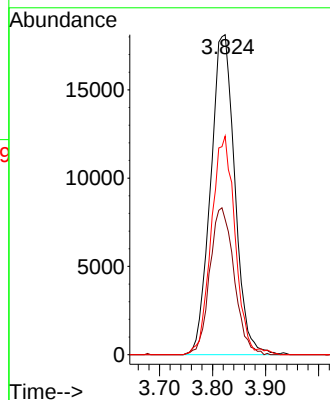
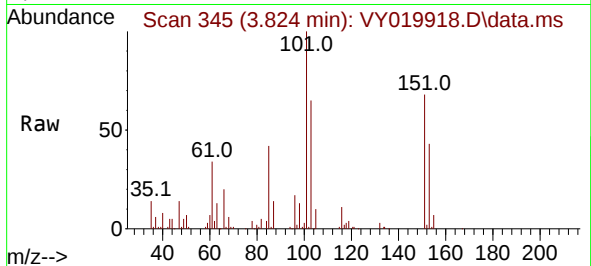




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.398 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

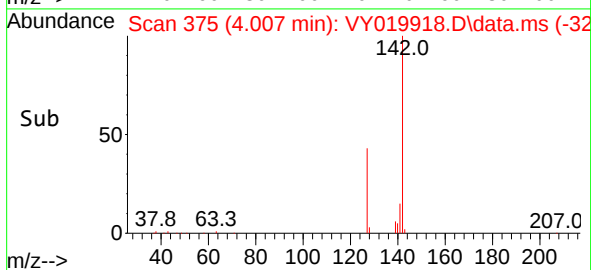
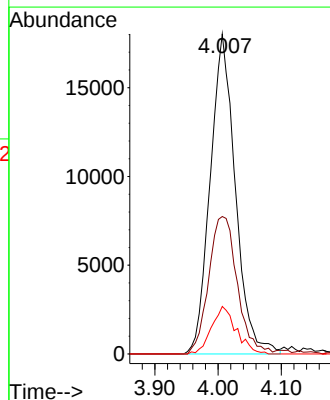
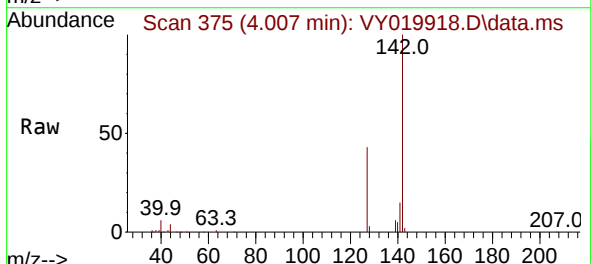
Instrument :
MSVOA_Y
ClientSampleId :

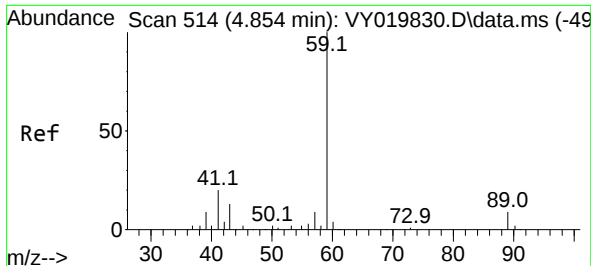
Tgt Ion:101 Resp: 57511
Ion Ratio Lower Upper
101 100
85 46.1 34.5 51.7
151 67.4 61.7 92.5



#10
Methyl Iodide
Concen: 20.027 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion:142 Resp: 49786
Ion Ratio Lower Upper
142 100
127 48.7 32.8 49.2
141 14.6 11.4 17.2

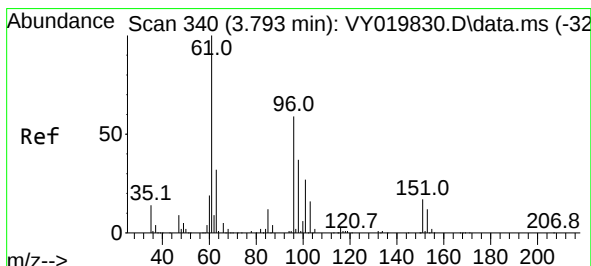
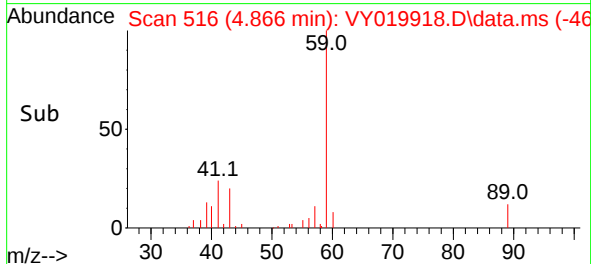
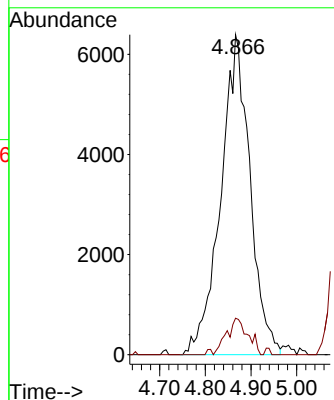
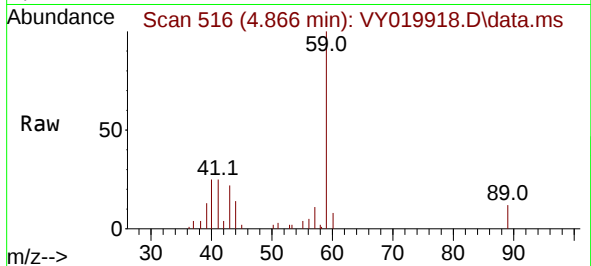




#11
Tert butyl alcohol
Concen: 125.110 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

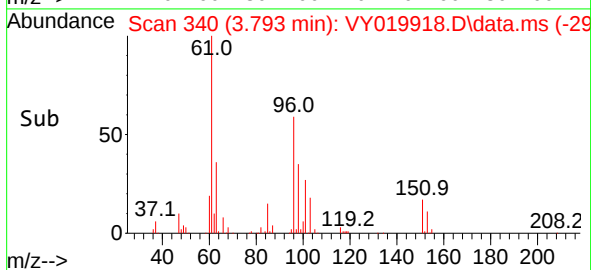
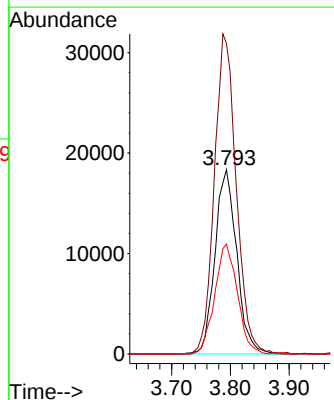
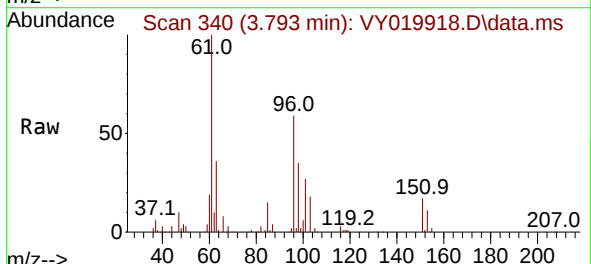
Instrument :
MSVOA_Y
ClientSampleId :

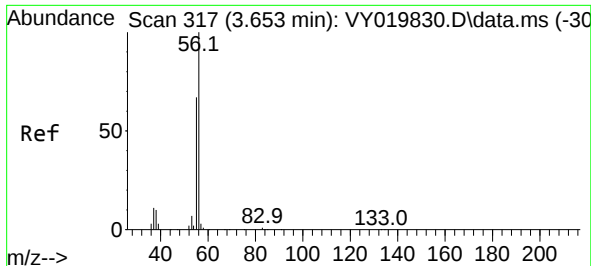
Tgt Ion: 59 Resp: 28446
Ion Ratio Lower Upper
59 100
57 8.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.650 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 96 Resp: 47187
Ion Ratio Lower Upper
96 100
61 168.6 114.6 171.8
98 59.7 50.8 76.2





#13

Acrolein

Concen: 109.958 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

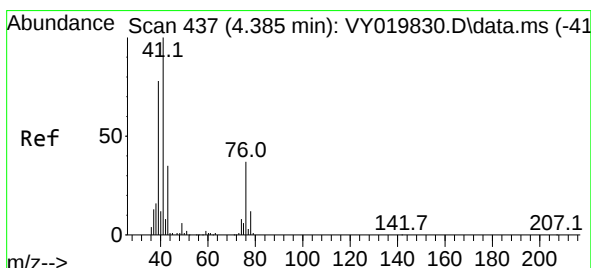
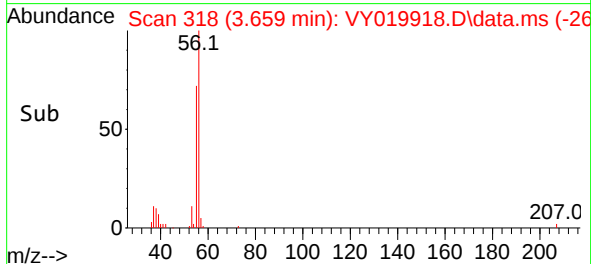
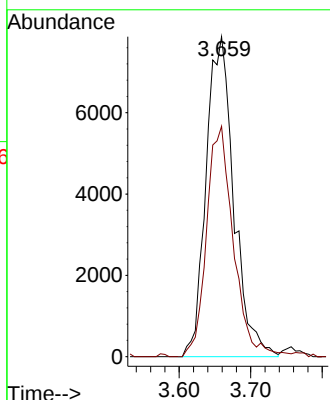
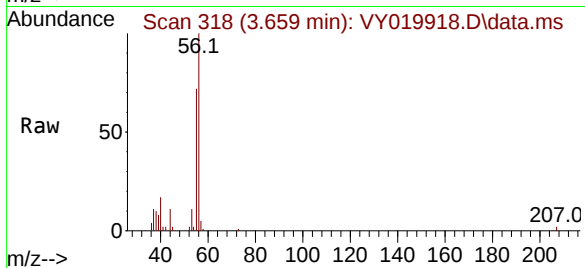
ClientSampleId :

Tgt Ion: 56 Resp: 21190

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 21.802 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

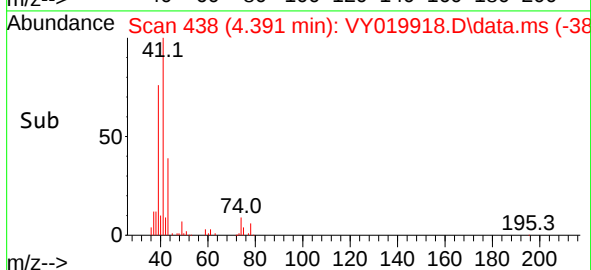
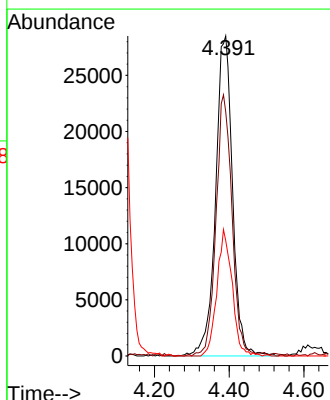
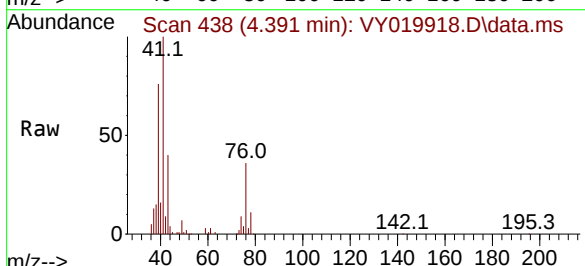
Tgt Ion: 41 Resp: 89887

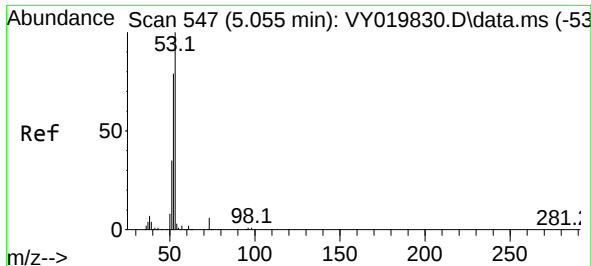
Ion Ratio Lower Upper

41 100

39 77.0 58.3 87.5

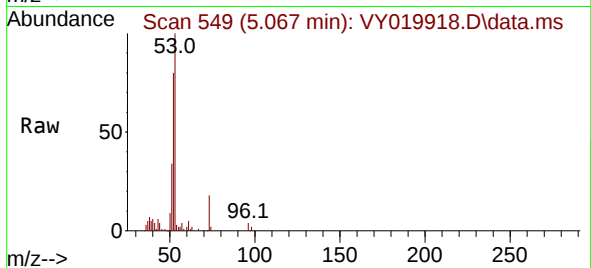
76 35.5 39.0 58.6#



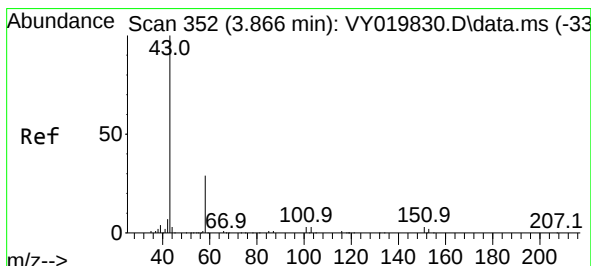
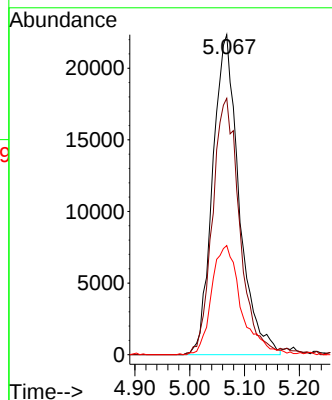
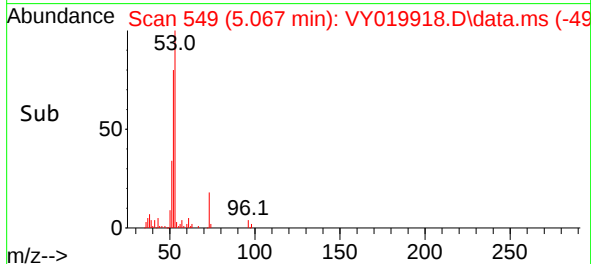


#15
Acrylonitrile
Concen: 127.307 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Instrument :
MSVOA_Y
ClientSampleId :

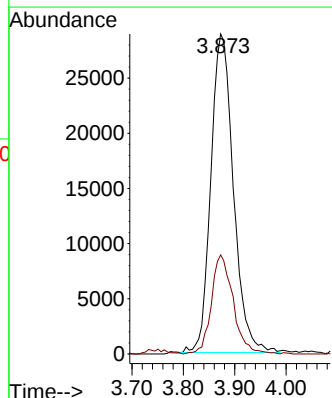
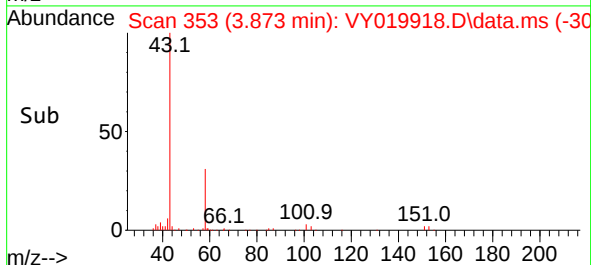
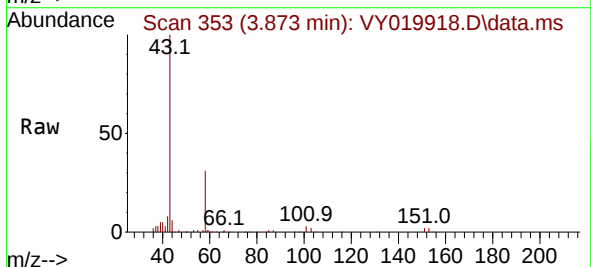


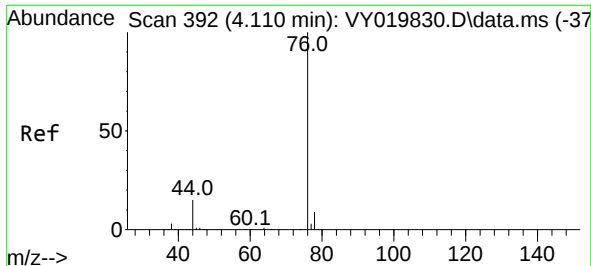
Tgt Ion: 53 Resp: 74783
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 38.1 28.4 42.6



#16
Acetone
Concen: 128.995 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 43 Resp: 88067
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5#





#17

Carbon Disulfide

Concen: 16.692 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

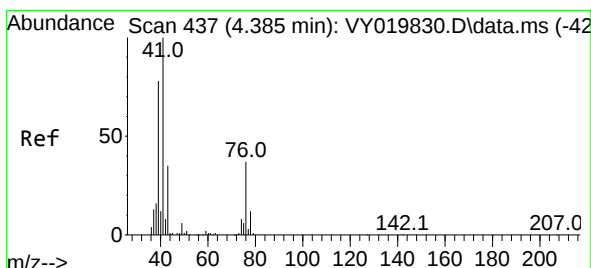
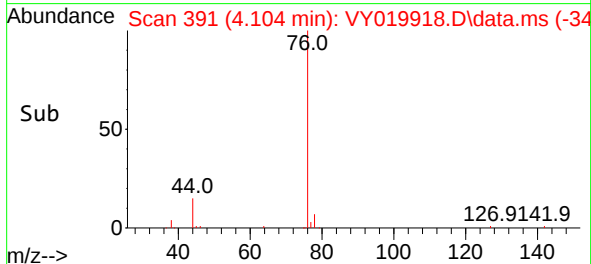
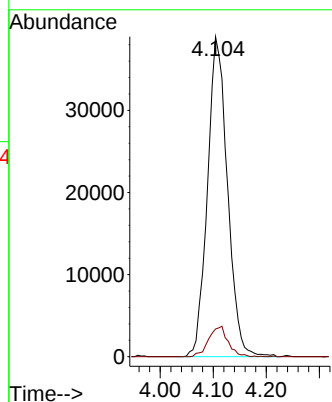
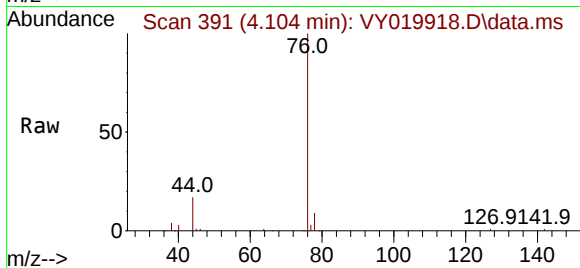
ClientSampleId :

Tgt Ion: 76 Resp: 102232

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 23.567 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019918.D

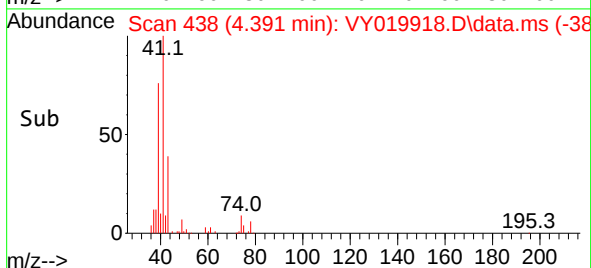
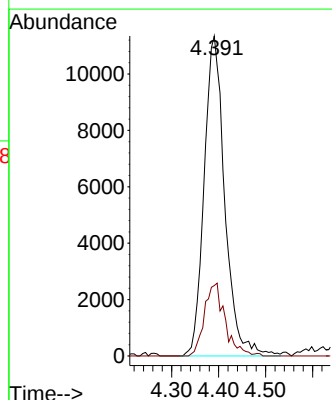
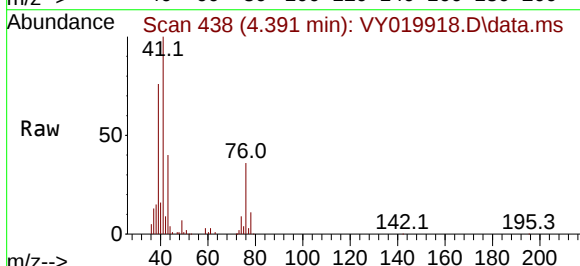
Acq: 16 Oct 2024 16:15

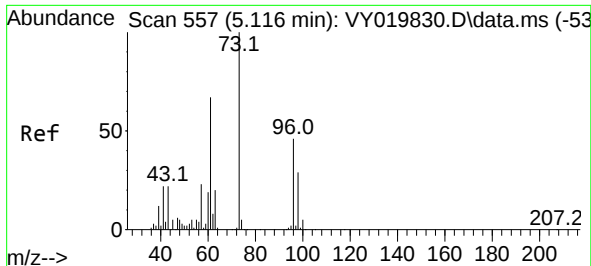
Tgt Ion: 43 Resp: 34660

Ion Ratio Lower Upper

43 100

74 22.6 23.3 34.9#

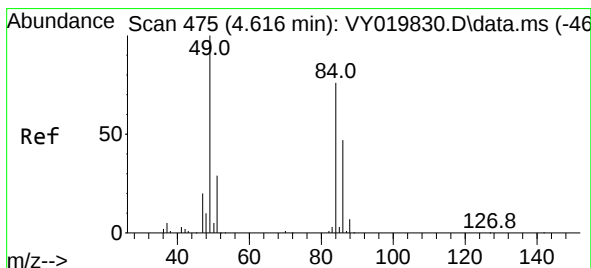
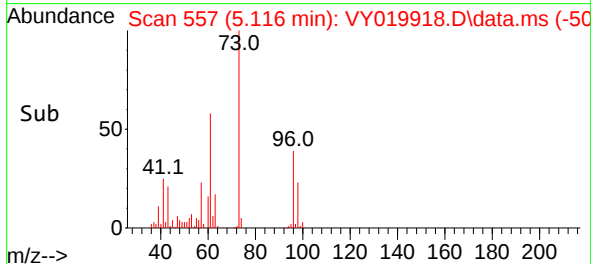
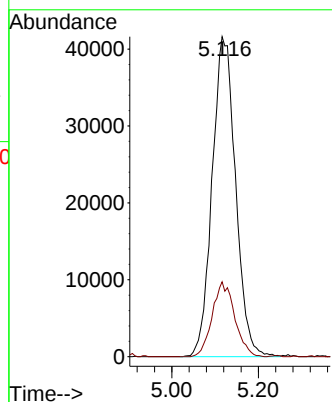
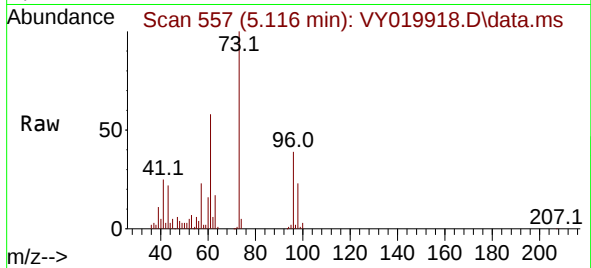




#19
Methyl tert-butyl Ether
Concen: 23.810 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

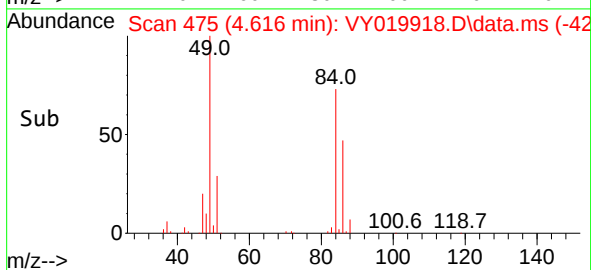
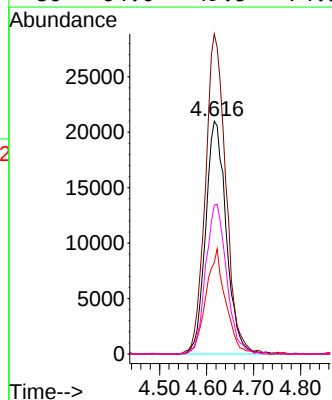
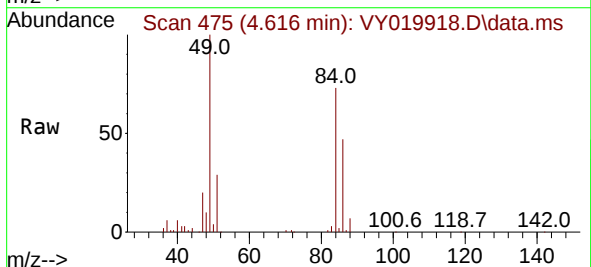
Instrument :
MSVOA_Y
ClientSampleId :

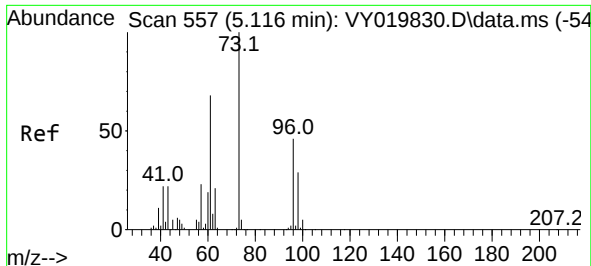
Tgt Ion: 73 Resp: 156308
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9



#20
Methylene Chloride
Concen: 24.933 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 84 Resp: 63915
Ion Ratio Lower Upper
84 100
49 137.5 84.4 126.6#
51 39.2 26.0 39.0#
86 64.0 49.5 74.3

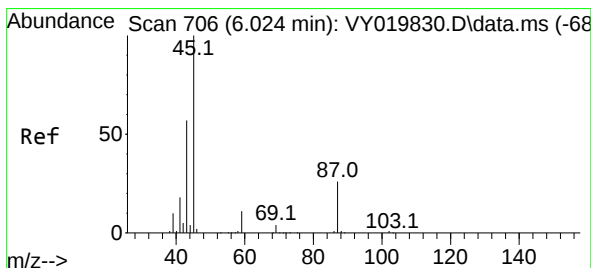
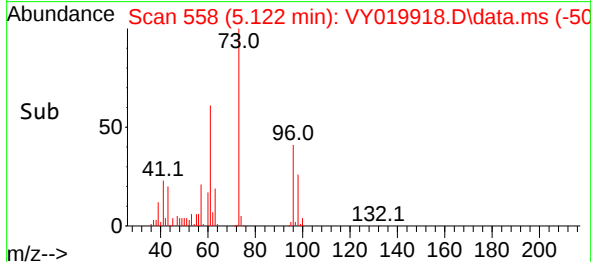
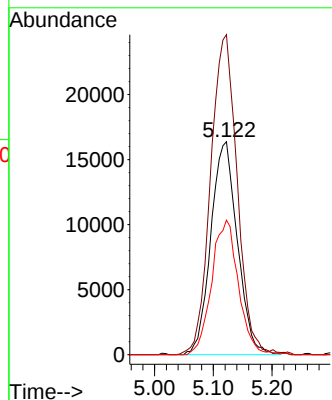
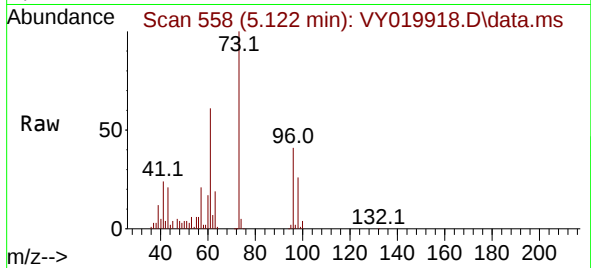




#21
trans-1,2-Dichloroethene
Concen: 20.670 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

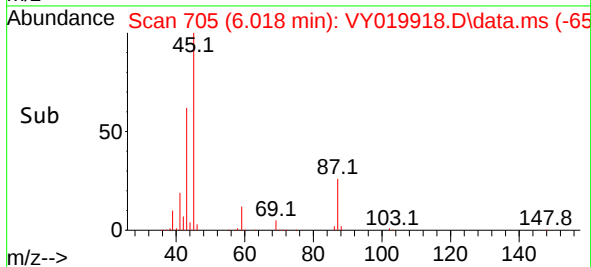
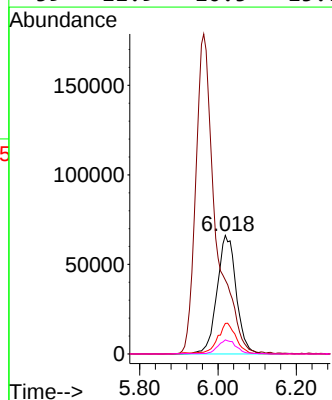
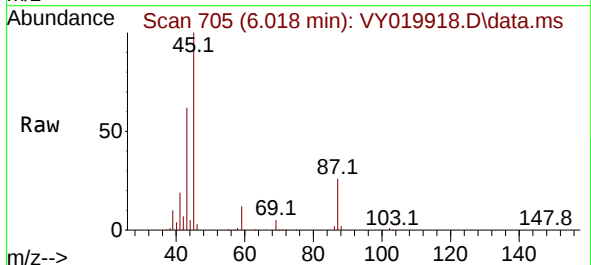
Instrument :
MSVOA_Y
ClientSampleId :

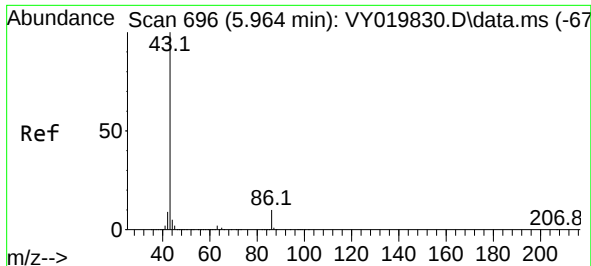
Tgt Ion: 96 Resp: 51405
Ion Ratio Lower Upper
96 100
61 149.9 97.5 146.3#
98 63.2 50.5 75.7



#22
Diisopropyl ether
Concen: 25.115 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

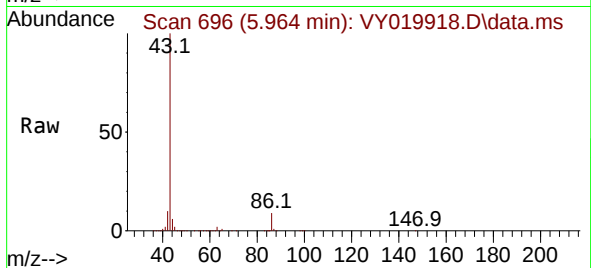
Tgt Ion: 45 Resp: 225549
Ion Ratio Lower Upper
45 100
43 61.5 42.2 63.2
87 25.8 25.0 37.6
59 11.9 10.5 15.7



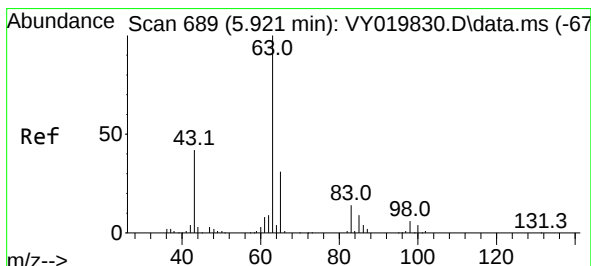
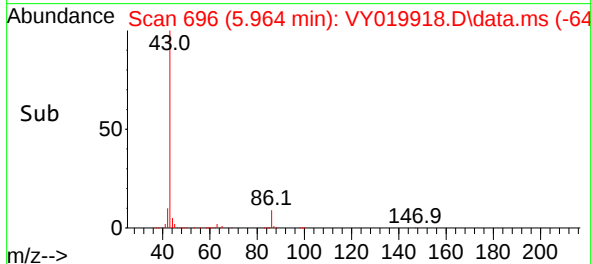
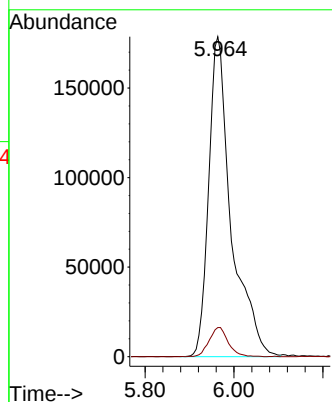


#23
 Vinyl Acetate
 Concen: 122.255 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019918.D
 Acq: 16 Oct 2024 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :

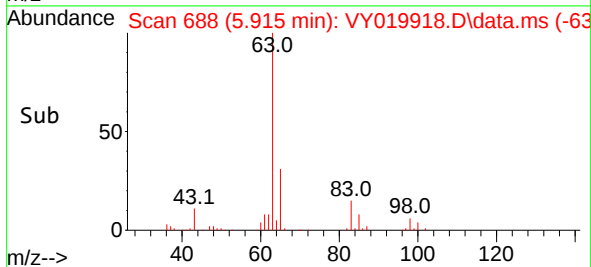
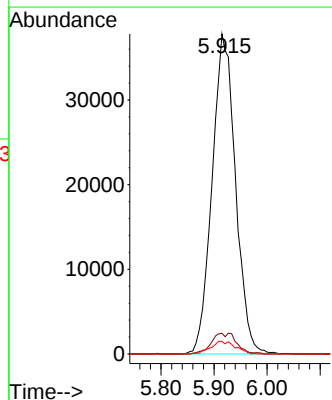
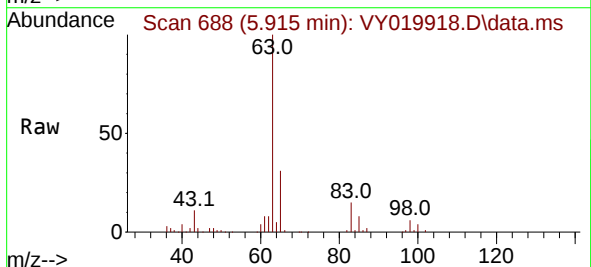


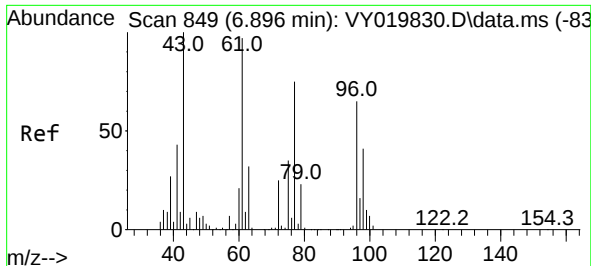
Tgt Ion: 43 Resp: 629411
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 23.215 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019918.D
 Acq: 16 Oct 2024 16:15

Tgt Ion: 63 Resp: 115891
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 3.9 2.6 8.0





#25

2-Butanone

Concen: 132.026 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

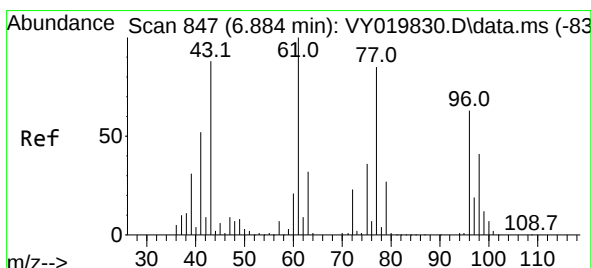
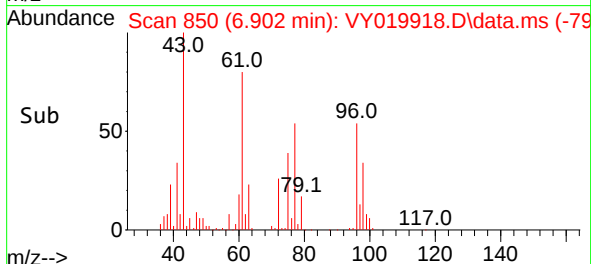
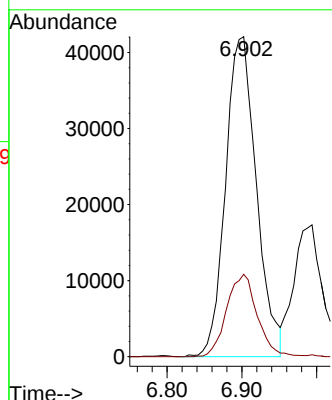
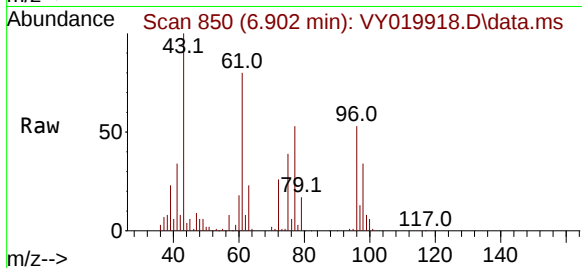
ClientSampleId :

Tgt Ion: 43 Resp: 120650

Ion Ratio Lower Upper

43 100

72 25.7 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.149 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019918.D

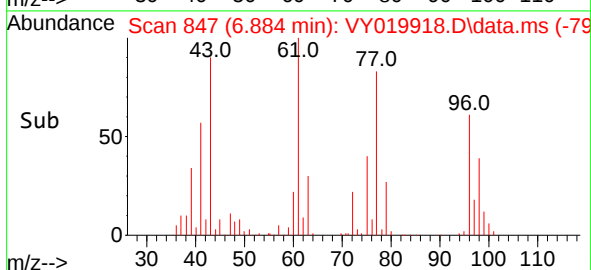
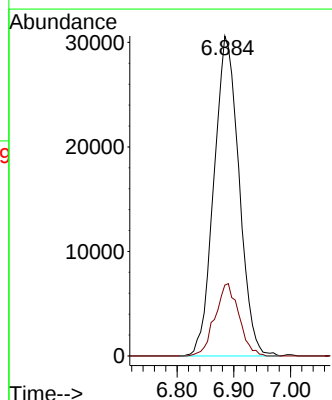
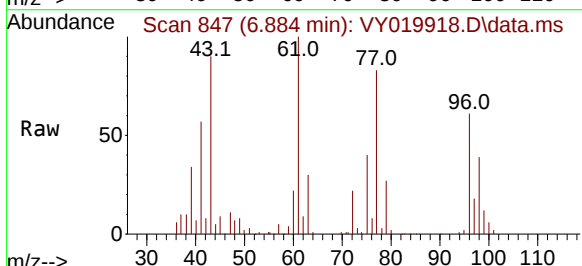
Acq: 16 Oct 2024 16:15

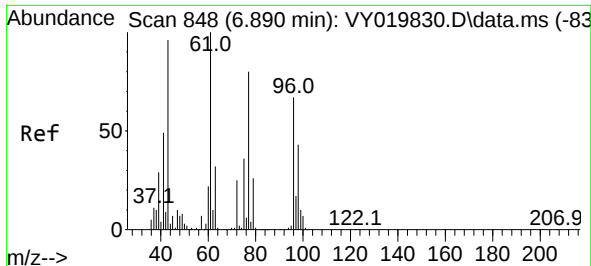
Tgt Ion: 77 Resp: 94025

Ion Ratio Lower Upper

77 100

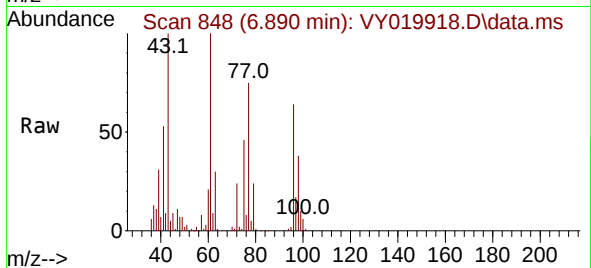
97 21.6 12.0 36.1



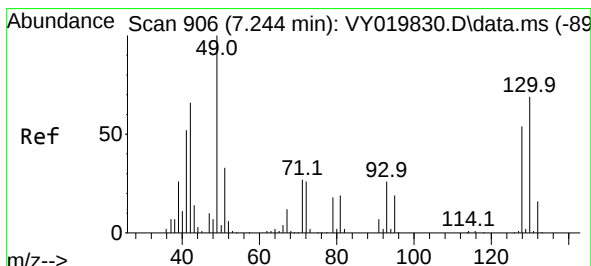
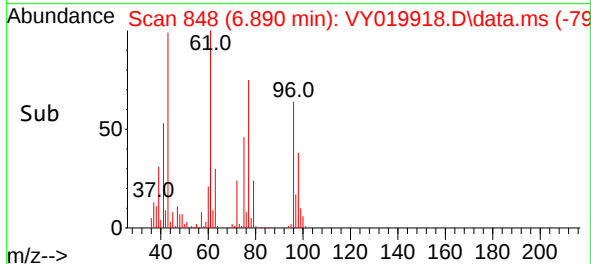
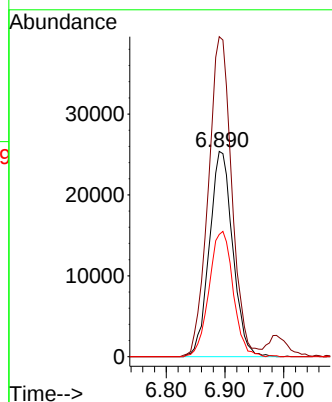


#27
 cis-1,2-Dichloroethene
 Concen: 22.797 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019918.D
 Acq: 16 Oct 2024 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :

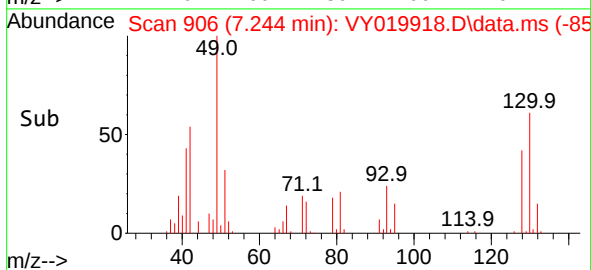
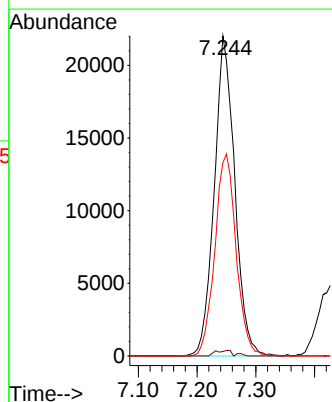
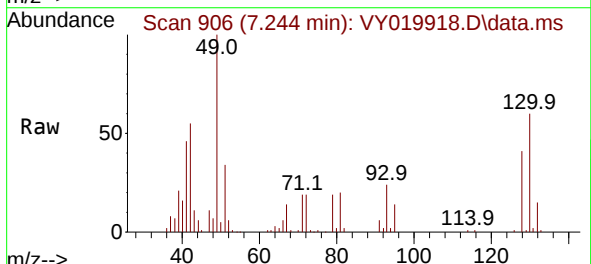


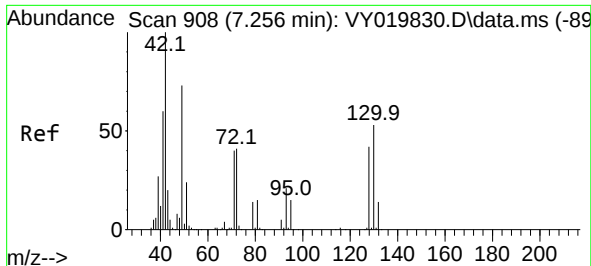
Tgt Ion: 96 Resp: 70063
 Ion Ratio Lower Upper
 96 100
 61 157.3 0.0 256.2
 98 62.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 24.262 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019918.D
 Acq: 16 Oct 2024 16:15

Tgt Ion: 49 Resp: 53310
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 65.5 72.7 109.1#





#29

Tetrahydrofuran

Concen: 128.725 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

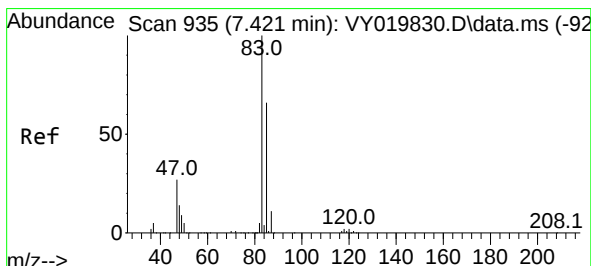
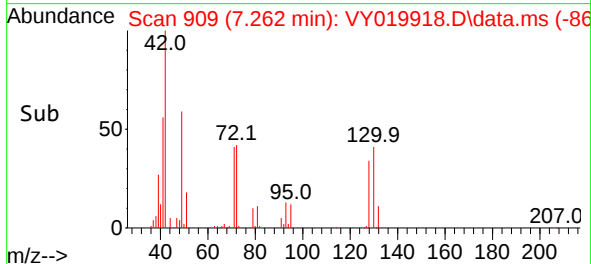
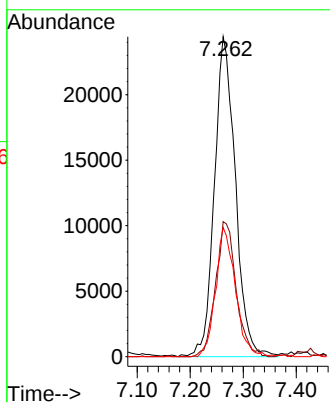
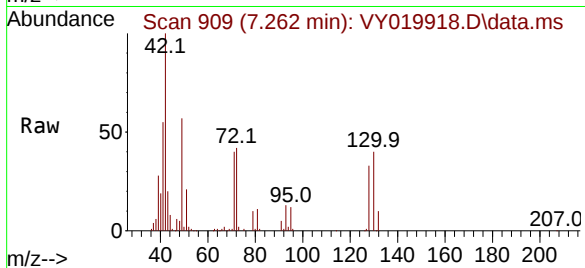
Tgt Ion: 42 Resp: 67166

Ion Ratio Lower Upper

42 100

72 41.4 43.0 64.4#

71 38.2 40.8 61.2#



#30

Chloroform

Concen: 23.595 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019918.D

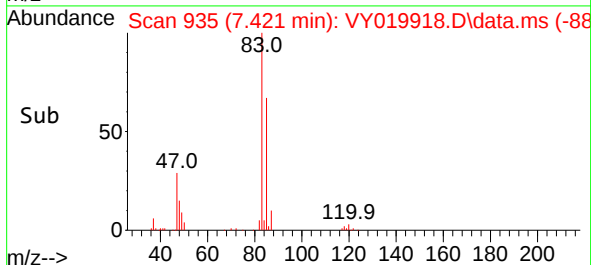
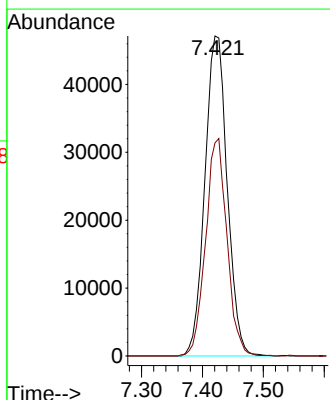
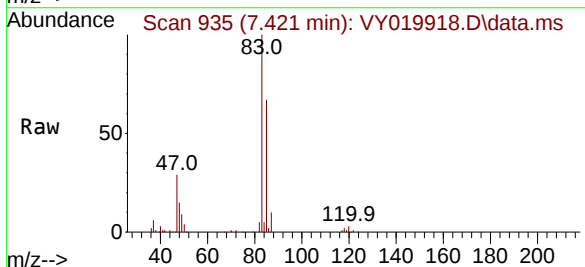
Acq: 16 Oct 2024 16:15

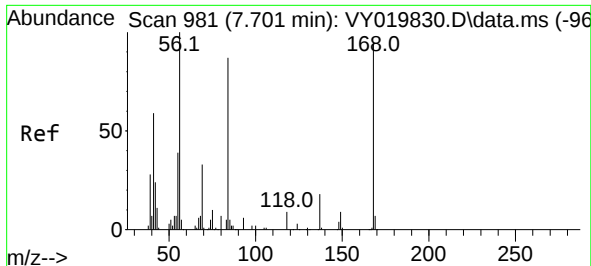
Tgt Ion: 83 Resp: 120069

Ion Ratio Lower Upper

83 100

85 66.6 52.2 78.4

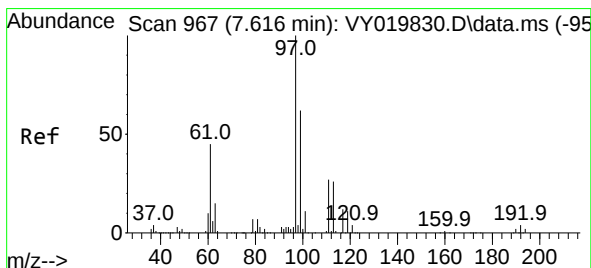
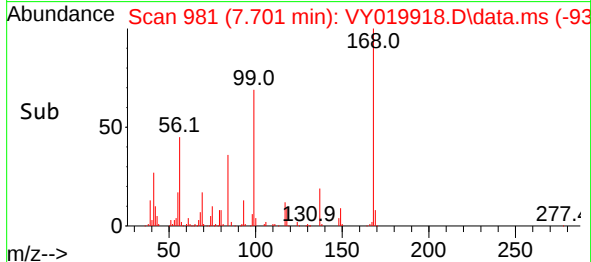
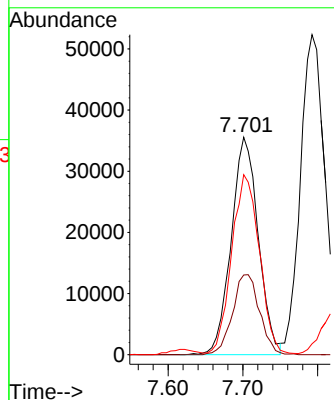
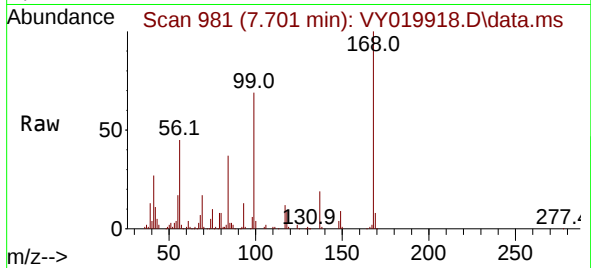




#31
Cyclohexane
Concen: 20.403 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

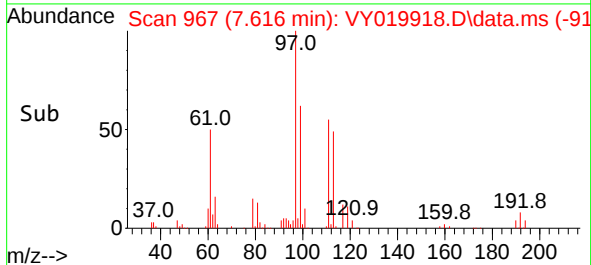
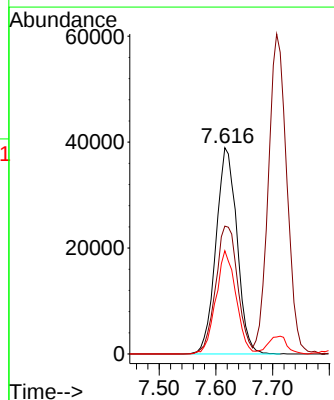
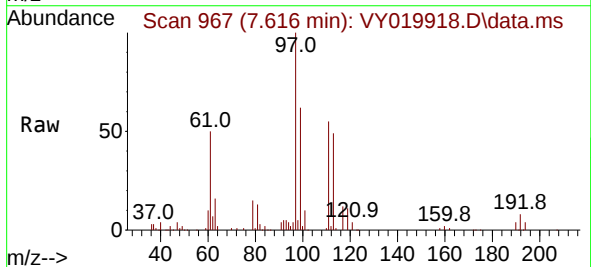
Instrument :
MSVOA_Y
ClientSampleId :

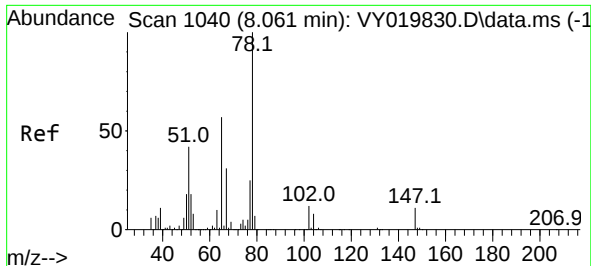
Tgt Ion: 56 Resp: 89408
Ion Ratio Lower Upper
56 100
69 36.7 28.7 43.1
84 80.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.438 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 97 Resp: 100064
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 48.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.171 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

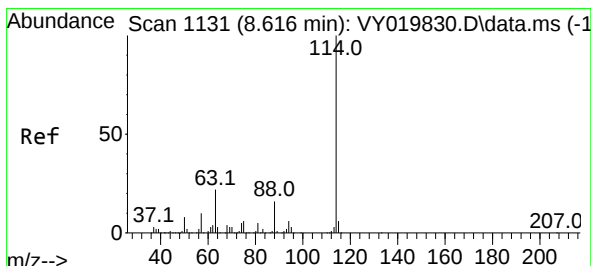
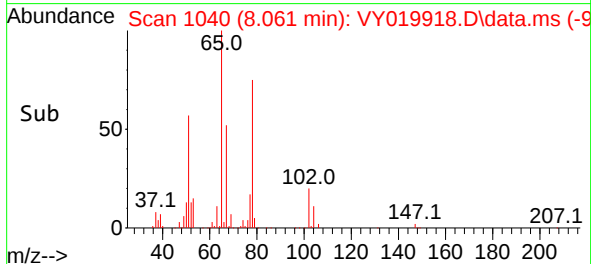
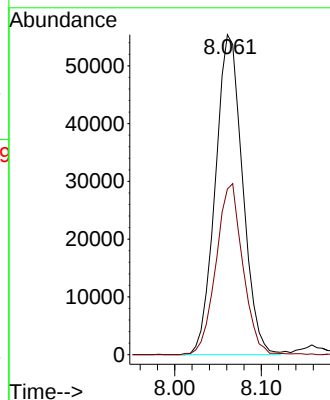
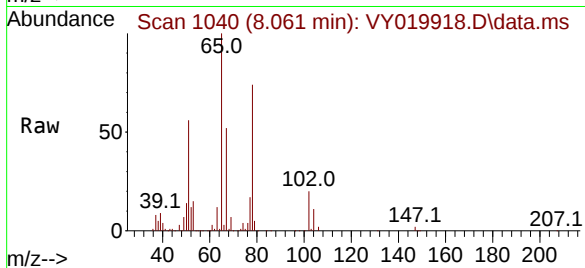
ClientSampleId :

Tgt Ion: 65 Resp: 121089

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

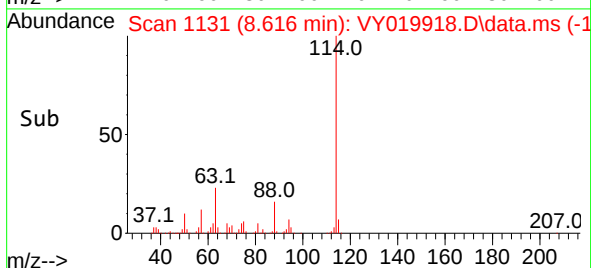
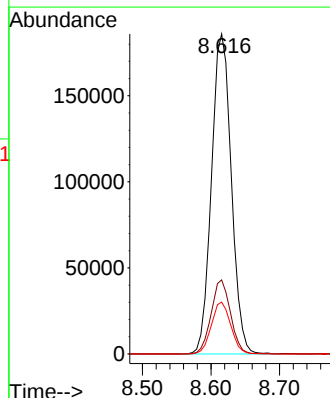
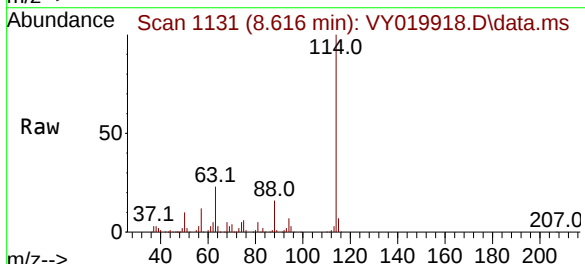
Tgt Ion: 114 Resp: 372738

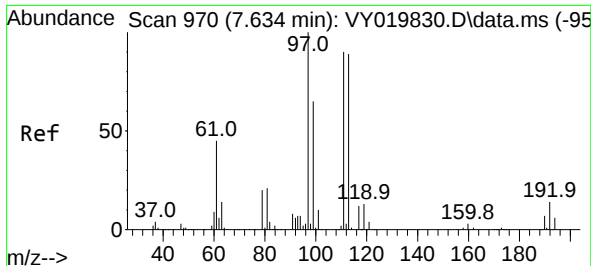
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

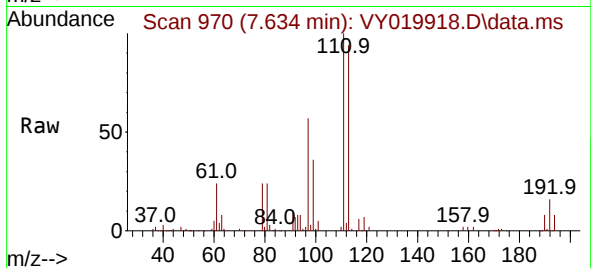
88 16.2 0.0 27.2



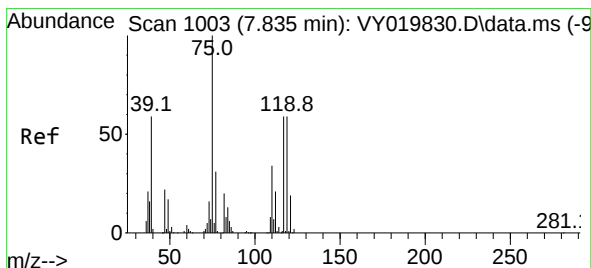
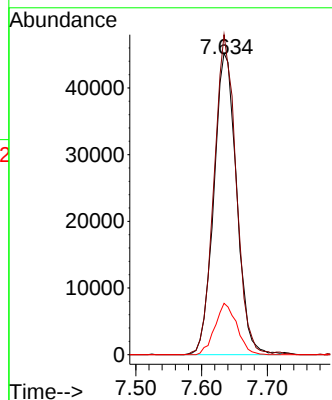
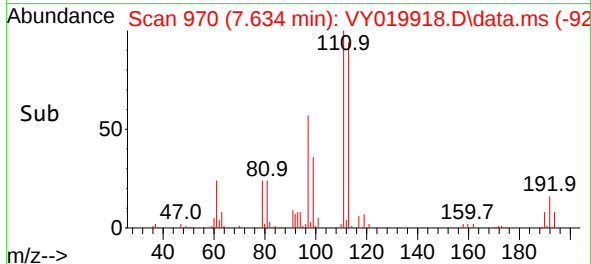


#35
Dibromofluoromethane
Concen: 44.246 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

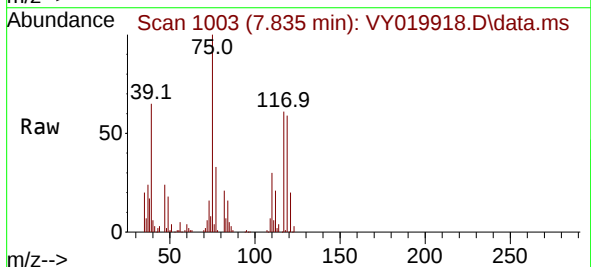
Instrument :
MSVOA_Y
ClientSampleId :



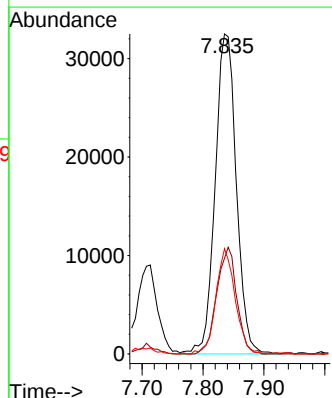
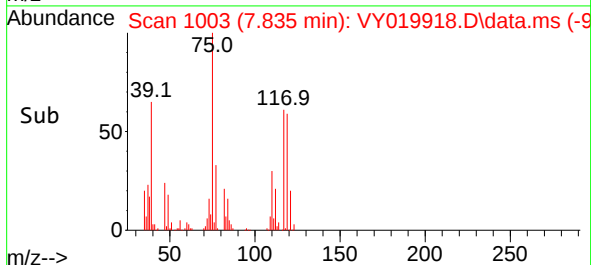
Tgt Ion:113 Resp: 108831
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 16.5 15.9 23.9

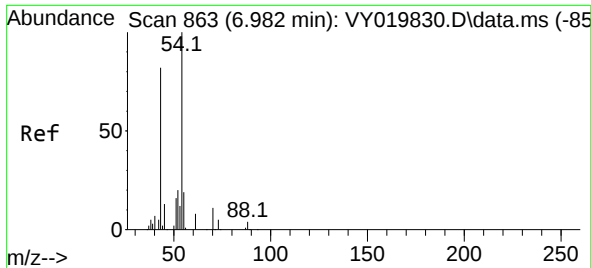


#36
1,1-Dichloropropene
Concen: 22.135 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15



Tgt Ion: 75 Resp: 78436
Ion Ratio Lower Upper
75 100
110 31.6 19.0 57.0
77 30.1 25.3 37.9

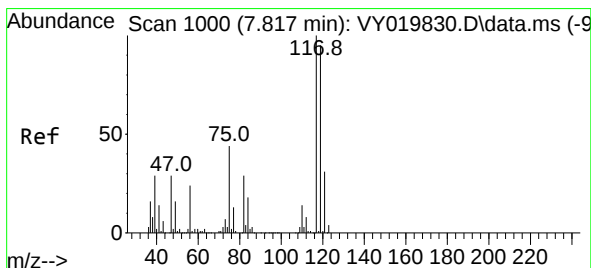
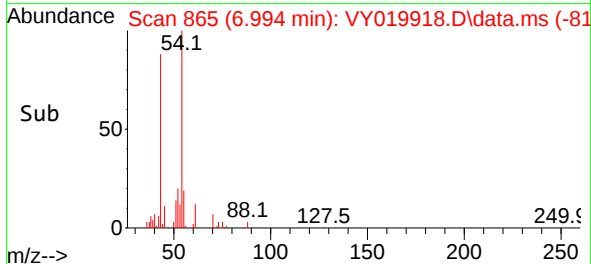
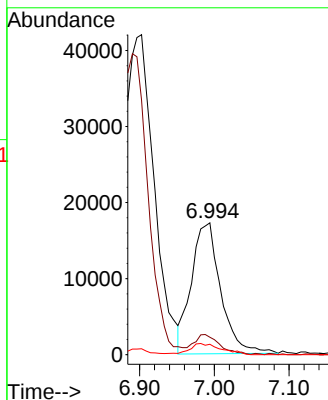
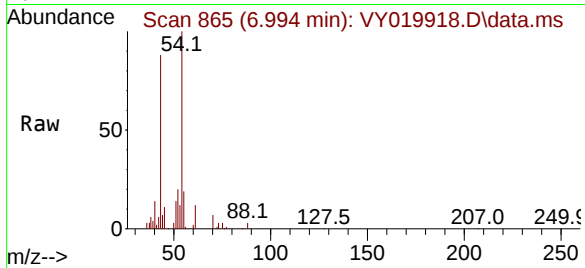




#37
Ethyl Acetate
Concen: 25.449 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

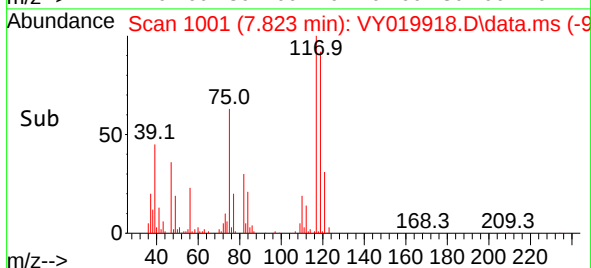
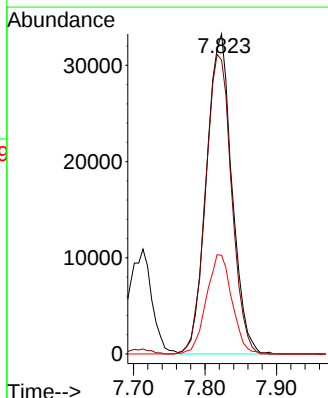
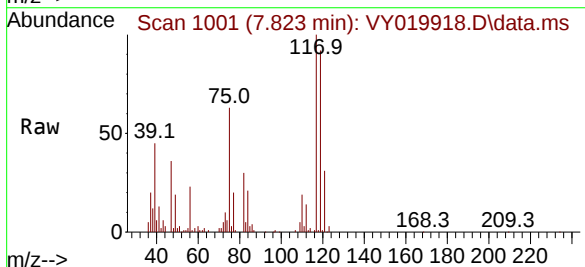
Instrument :
MSVOA_Y
ClientSampleId :

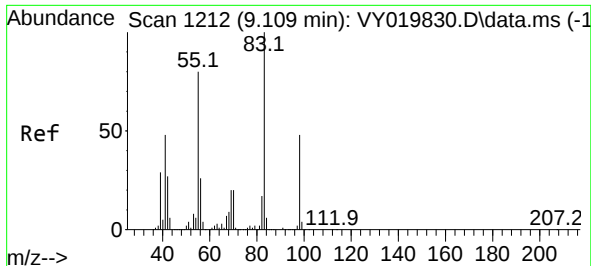
Tgt Ion: 43 Resp: 47023
Ion Ratio Lower Upper
43 100
61 12.7 12.6 19.0
70 9.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.625 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 117 Resp: 82149
Ion Ratio Lower Upper
117 100
119 91.9 75.8 113.6
121 30.8 24.0 36.0





#39

Methylcyclohexane

Concen: 20.780 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

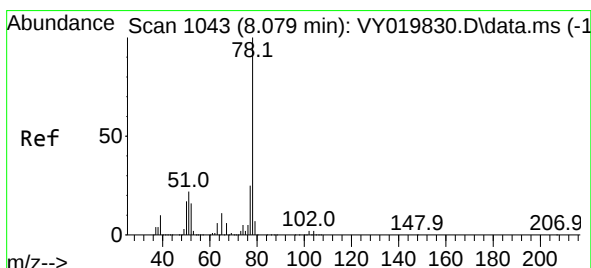
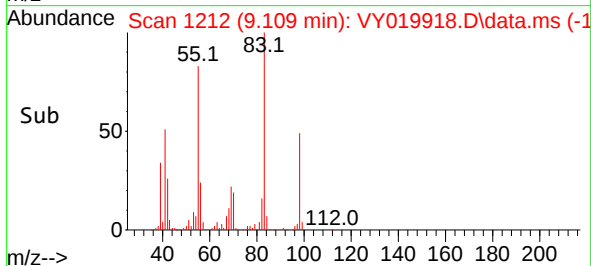
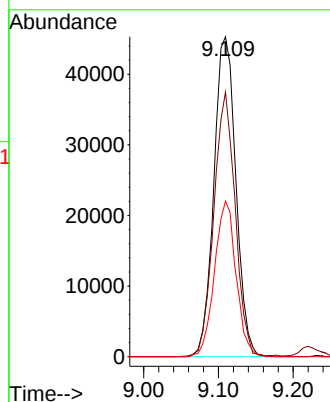
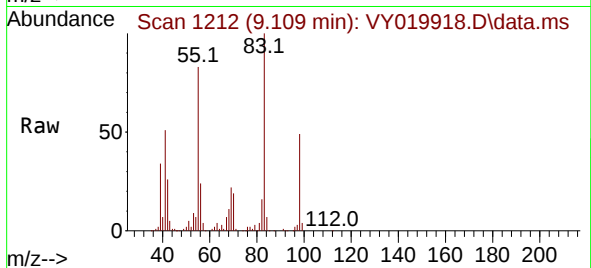
Tgt Ion: 83 Resp: 92780

Ion Ratio Lower Upper

83 100

55 82.6 51.5 77.3#

98 48.7 40.5 60.7



#40

Benzene

Concen: 22.674 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019918.D

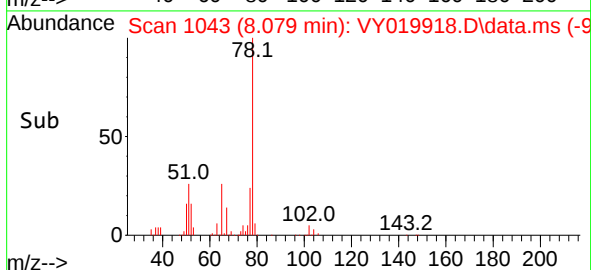
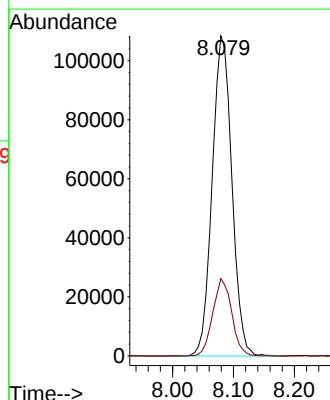
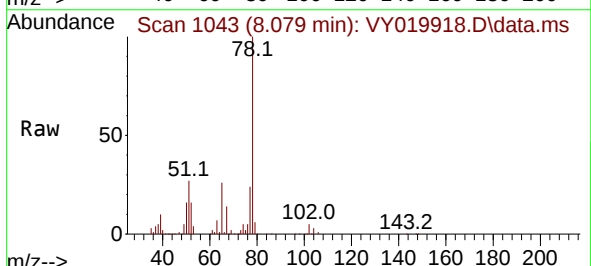
Acq: 16 Oct 2024 16:15

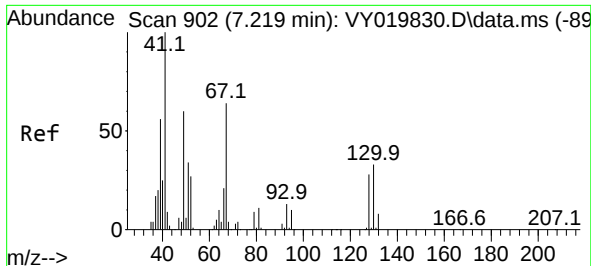
Tgt Ion: 78 Resp: 243164

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

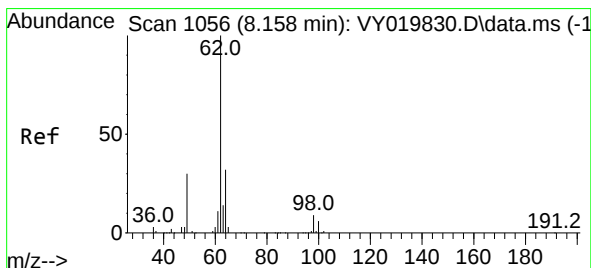
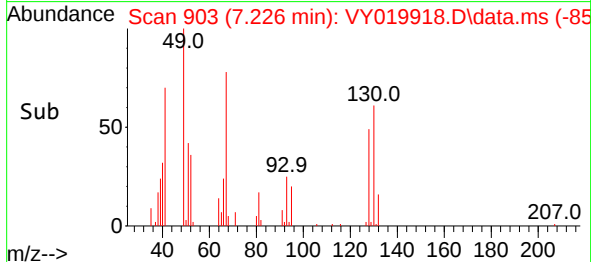
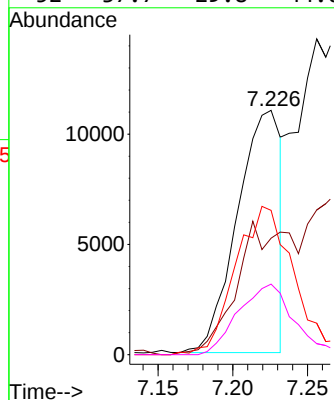
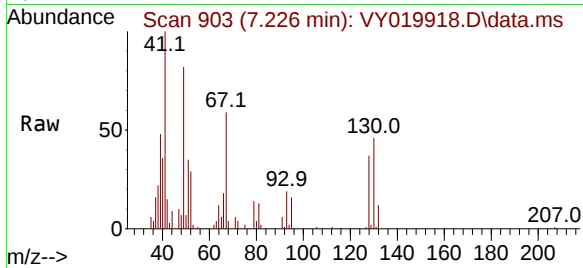




#41
Methacrylonitrile
Concen: 22.383 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

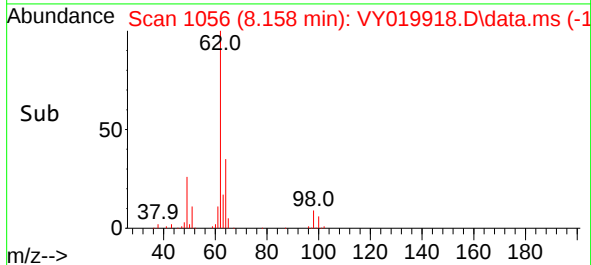
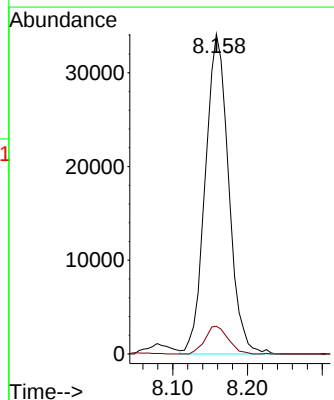
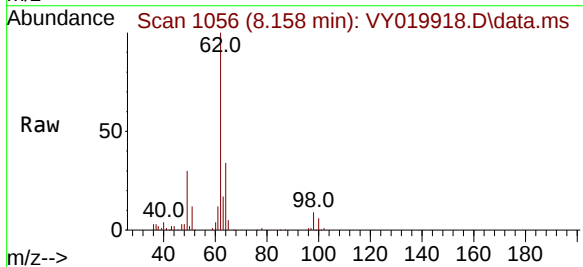
Instrument :
MSVOA_Y
ClientSampleId :

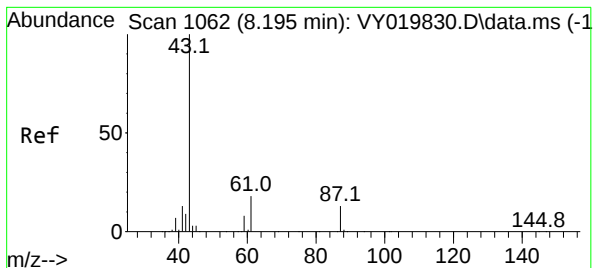
Tgt Ion: 41 Resp: 22384
Ion Ratio Lower Upper
41 100
39 35.8 48.0 72.0#
67 81.9 75.1 112.7
52 37.7 29.8 44.6



#42
1,2-Dichloroethane
Concen: 24.080 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 62 Resp: 74189
Ion Ratio Lower Upper
62 100
98 8.5 0.0 22.0





#43

Isopropyl Acetate

Concen: 25.045 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

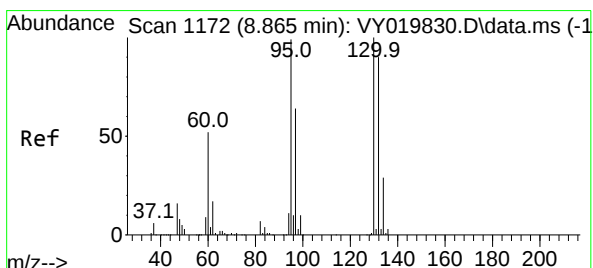
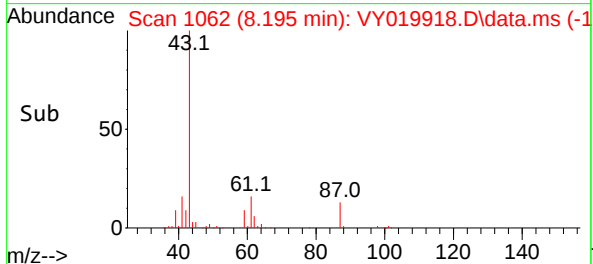
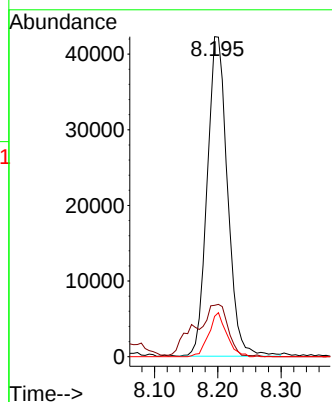
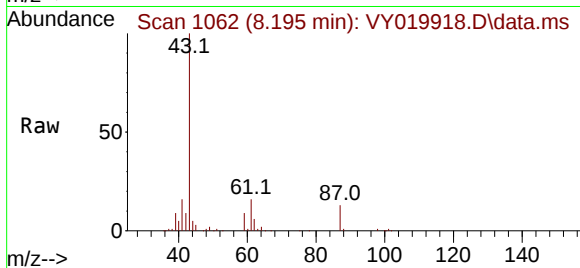
Tgt Ion: 43 Resp: 94378

Ion Ratio Lower Upper

43 100

61 26.5 27.9 41.9#

87 12.2 13.1 19.7#



#44

Trichloroethene

Concen: 22.388 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019918.D

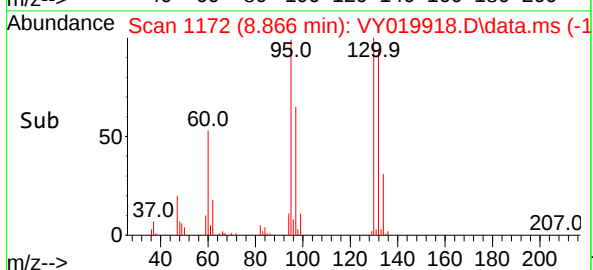
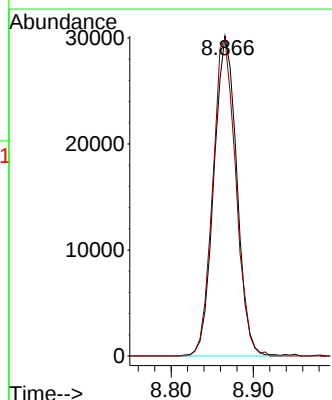
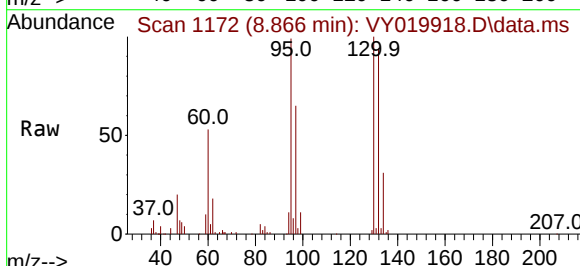
Acq: 16 Oct 2024 16:15

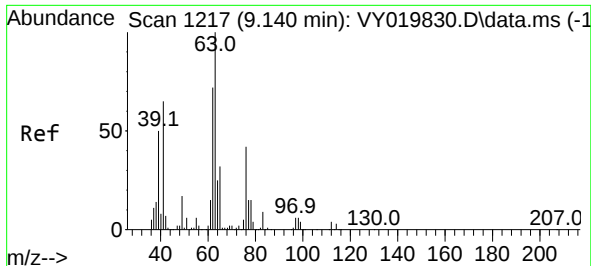
Tgt Ion:130 Resp: 58151

Ion Ratio Lower Upper

130 100

95 99.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 24.314 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

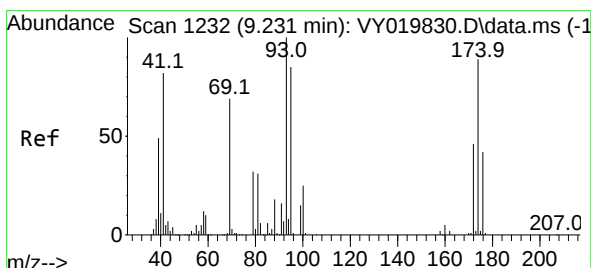
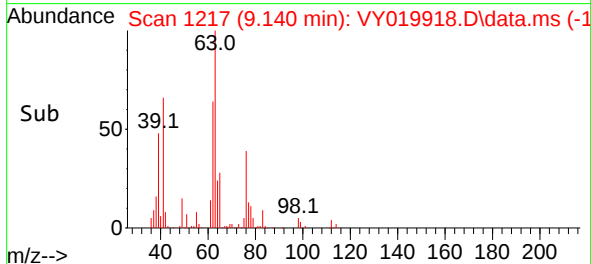
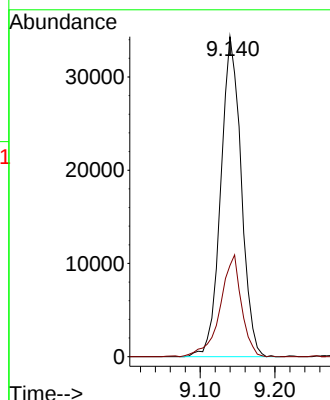
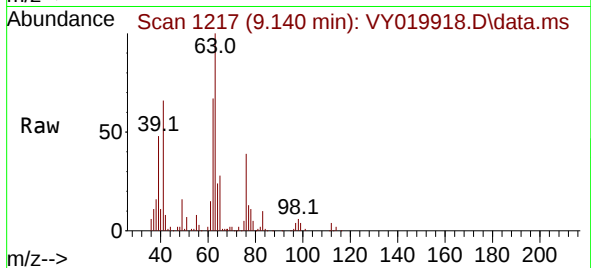
ClientSampleId :

Tgt Ion: 63 Resp: 65265

Ion Ratio Lower Upper

63 100

65 28.5 25.4 38.2



#46

Dibromomethane

Concen: 23.229 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

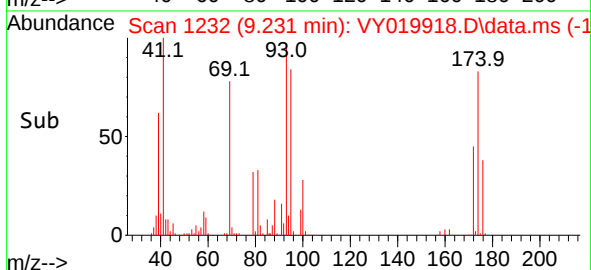
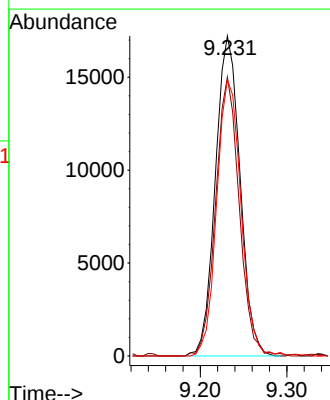
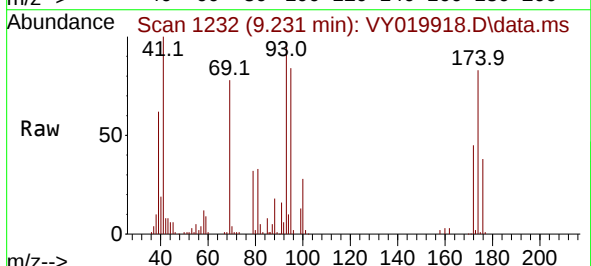
Tgt Ion: 93 Resp: 34067

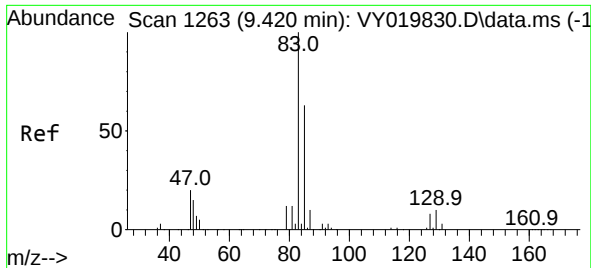
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 84.8 80.9 121.3

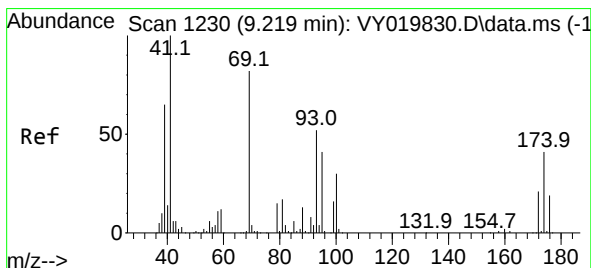
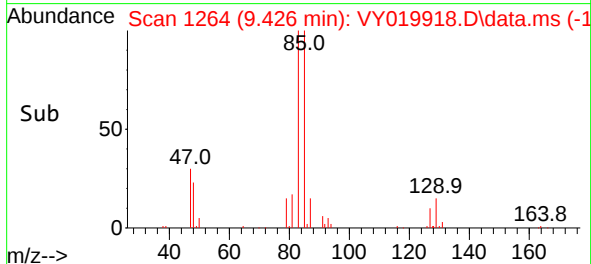
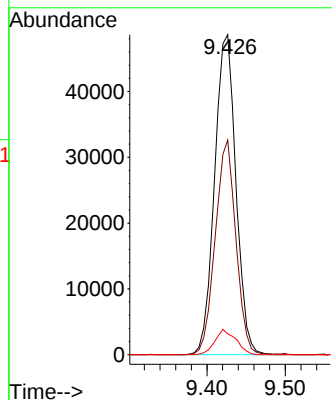
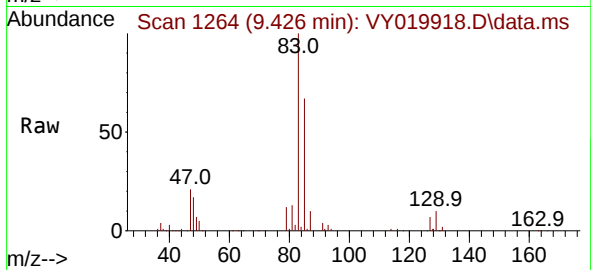




#47
Bromodichloromethane
Concen: 23.661 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

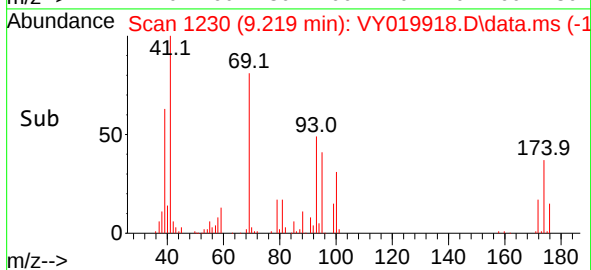
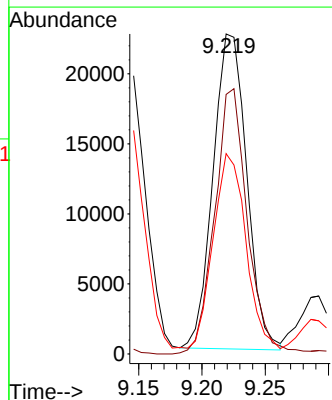
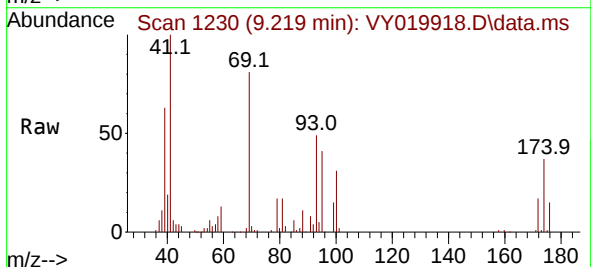
Instrument :
MSVOA_Y
ClientSampleId :

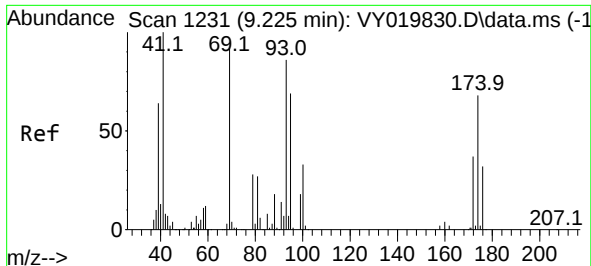
Tgt Ion: 83 Resp: 92106
Ion Ratio Lower Upper
83 100
85 67.1 50.1 75.1
127 6.5 7.4 11.0#



#48
Methyl methacrylate
Concen: 25.080 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 41 Resp: 41572
Ion Ratio Lower Upper
41 100
69 81.9 84.1 126.1#
39 63.4 43.6 65.4





#49

1,4-Dioxane

Concen: 493.965 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

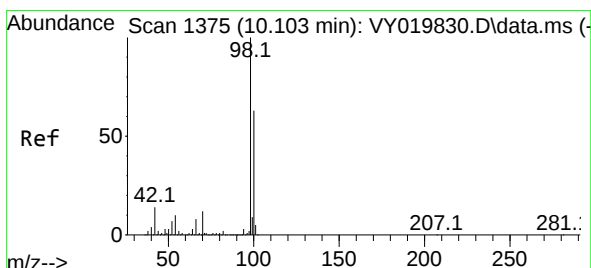
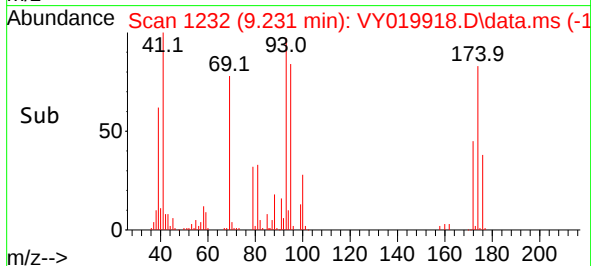
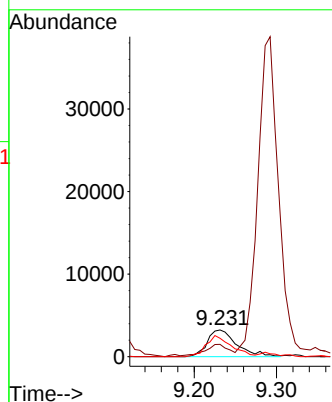
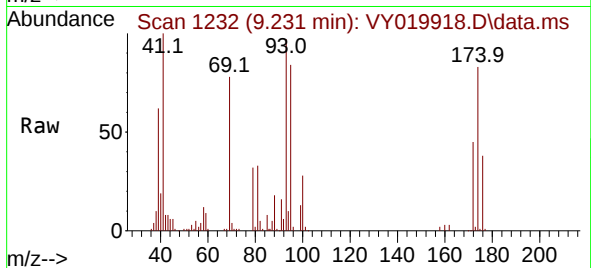
Tgt Ion: 88 Resp: 8108

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0#

58 67.2 49.3 73.9



#50

Toluene-d8

Concen: 42.413 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019918.D

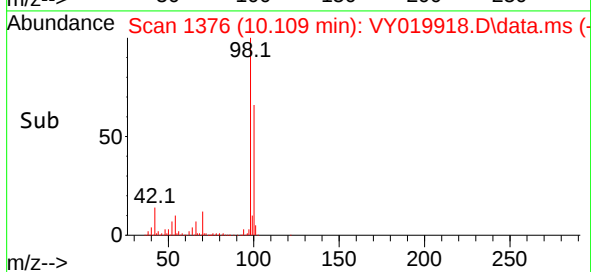
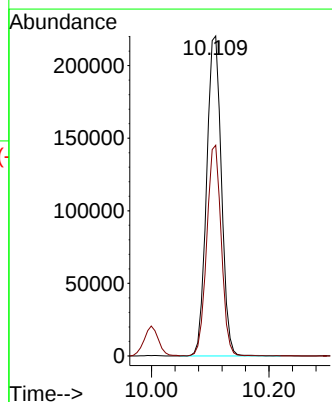
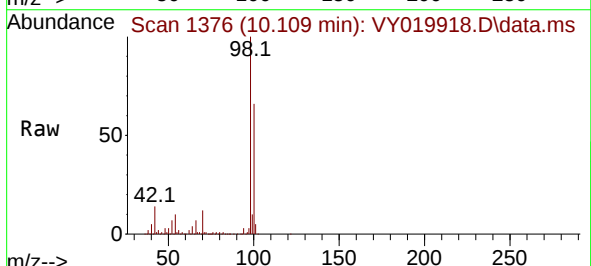
Acq: 16 Oct 2024 16:15

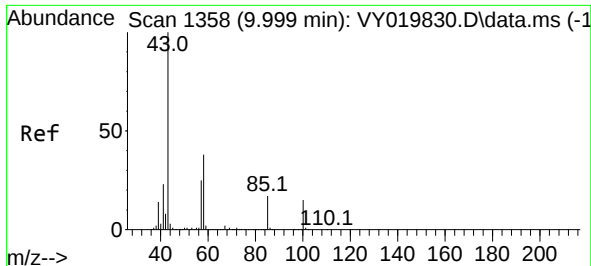
Tgt Ion: 98 Resp: 385246

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 130.328 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

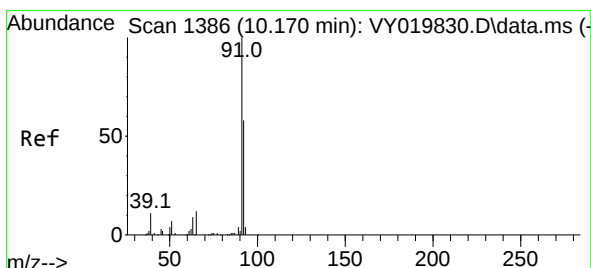
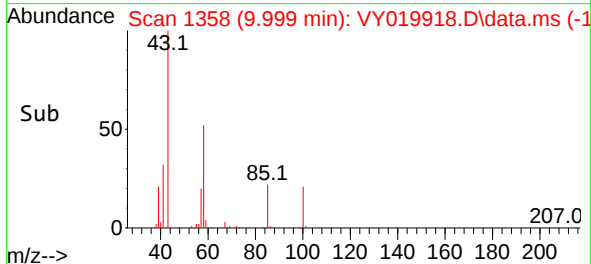
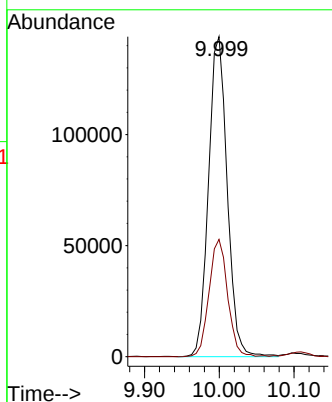
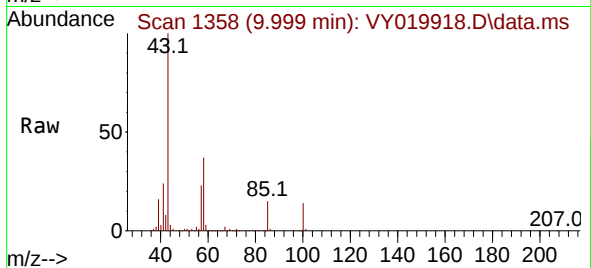
ClientSampleId :

Tgt Ion: 43 Resp: 250501

Ion Ratio Lower Upper

43 100

58 36.4 35.7 53.5



#52

Toluene

Concen: 22.490 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019918.D

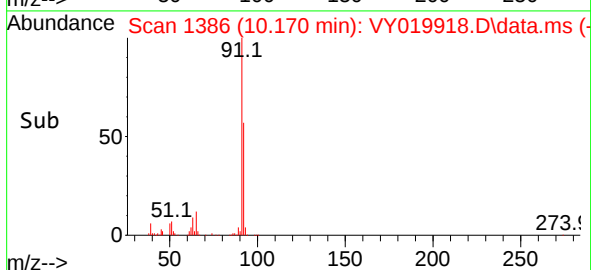
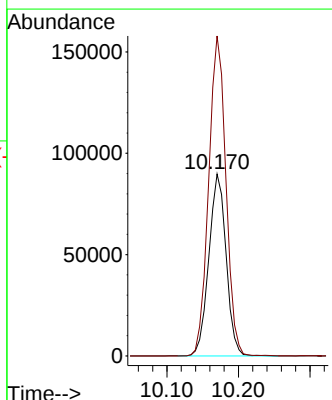
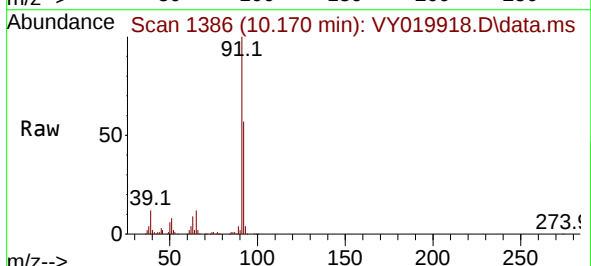
Acq: 16 Oct 2024 16:15

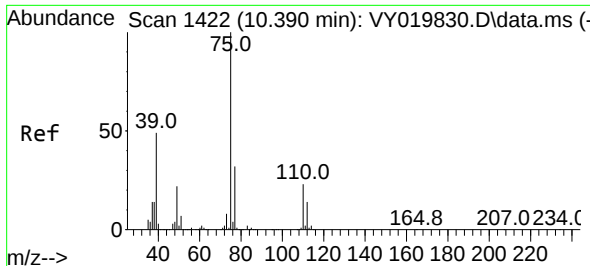
Tgt Ion: 92 Resp: 150553

Ion Ratio Lower Upper

92 100

91 175.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 22.239 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

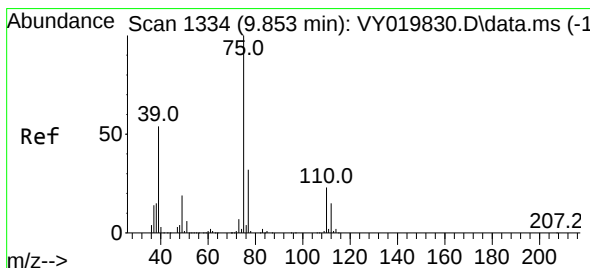
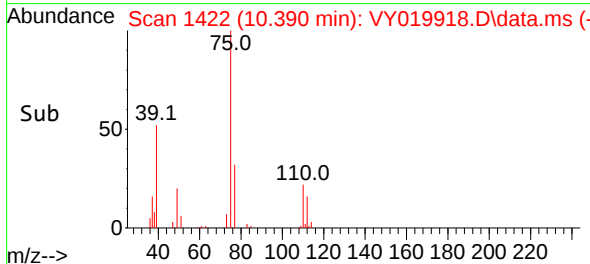
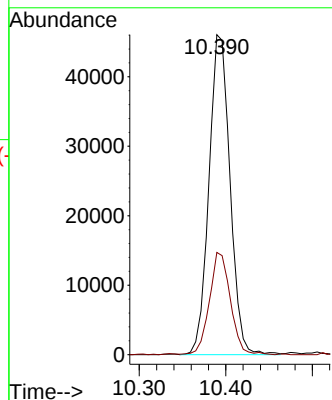
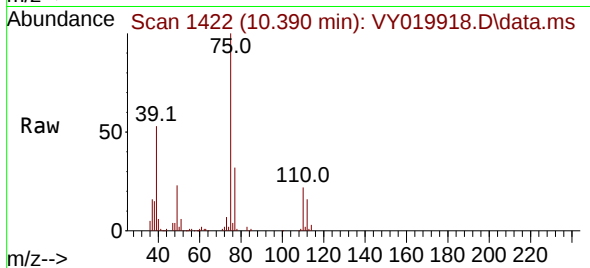
ClientSampleId :

Tgt Ion: 75 Resp: 77892

Ion Ratio Lower Upper

75 100

77 31.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 22.843 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

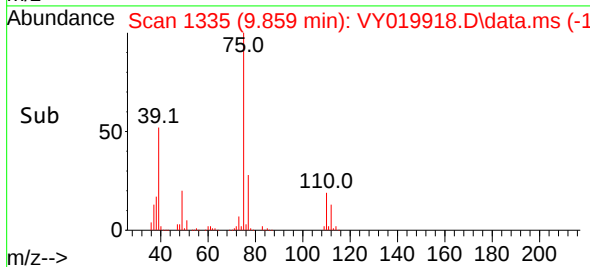
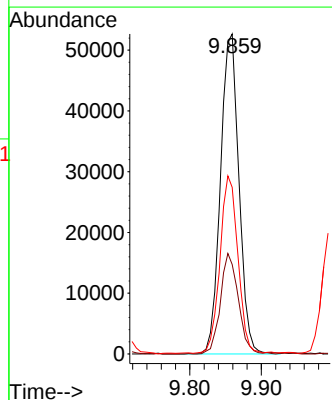
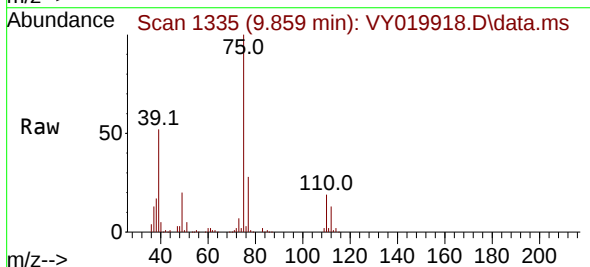
Tgt Ion: 75 Resp: 94407

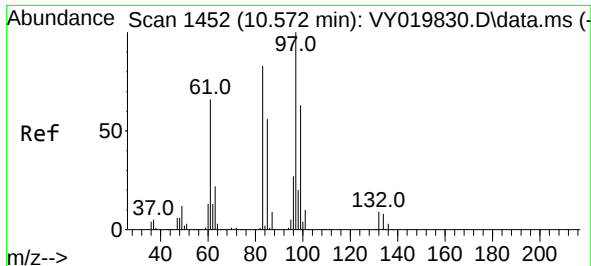
Ion Ratio Lower Upper

75 100

77 28.0 25.4 38.0

39 51.8 29.8 44.6#

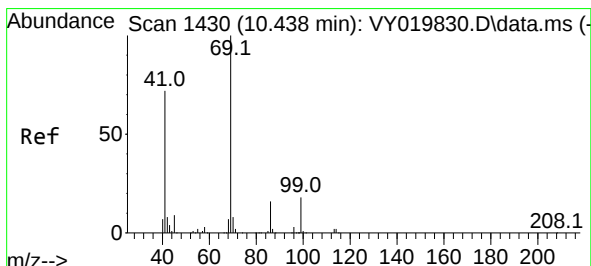
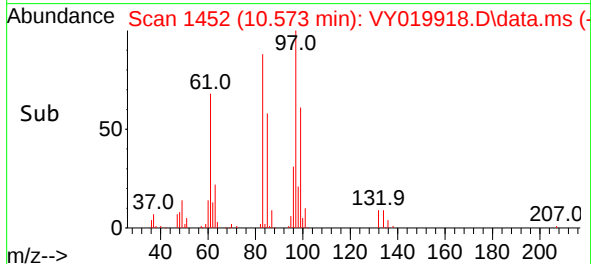
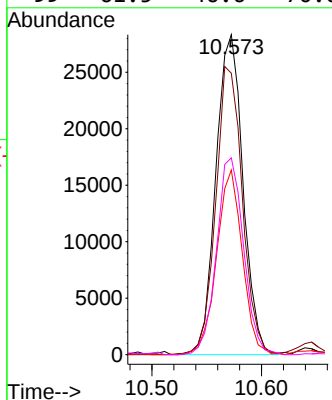
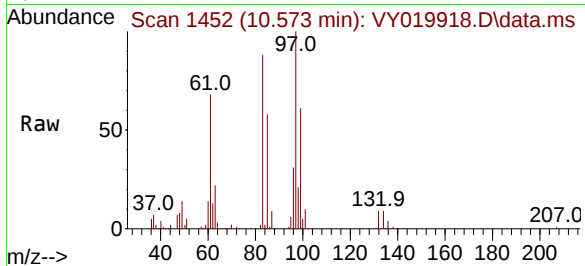




#55
1,1,2-Trichloroethane
Concen: 25.178 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

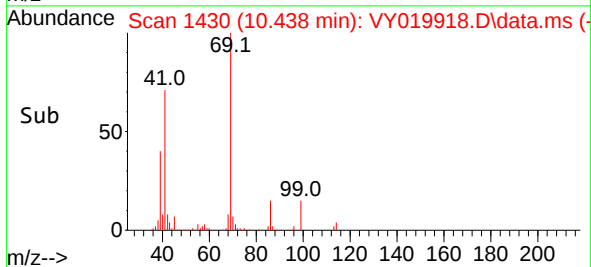
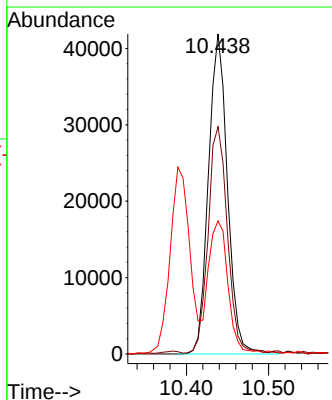
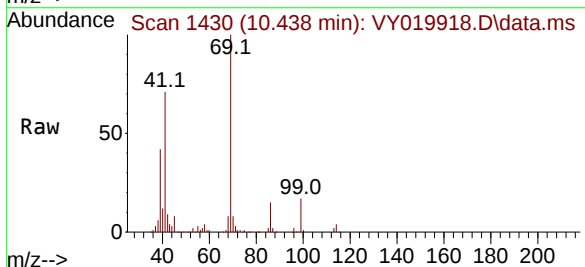
Instrument :
MSVOA_Y
ClientSampleId :

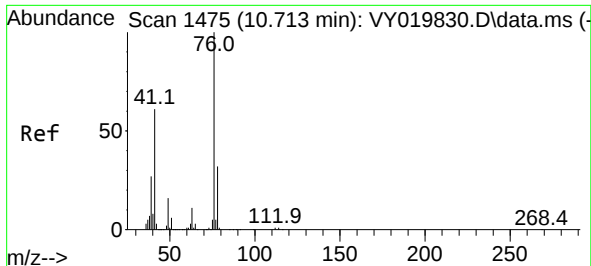
Tgt Ion:	97	Resp:	48649
Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.5	101.3
85	57.7	42.9	64.3
99	61.5	46.6	70.0



#56
Ethyl methacrylate
Concen: 24.242 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion:	69	Resp:	67212
Ion	Ratio	Lower	Upper
69	100		
41	71.7	42.3	63.5#
39	43.9	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 24.958 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

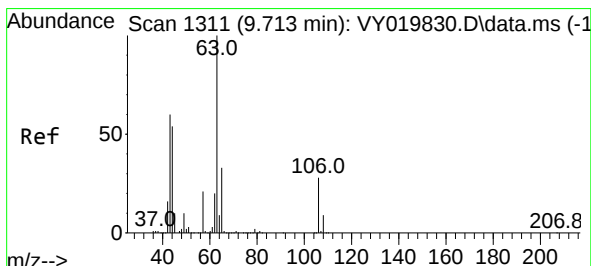
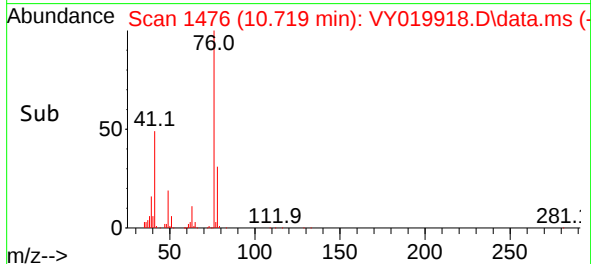
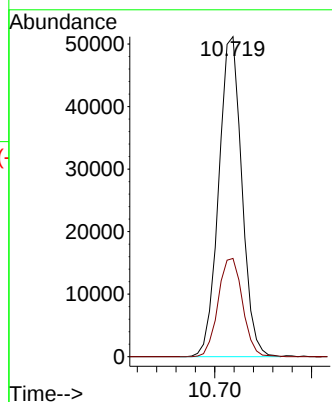
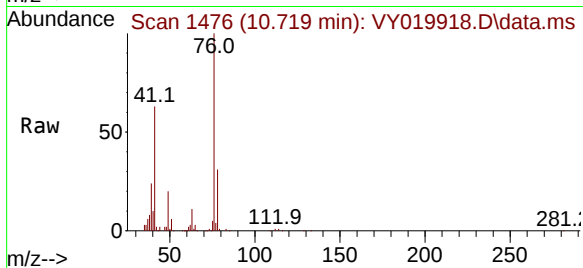
ClientSampleId :

Tgt Ion: 76 Resp: 84686

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 121.729 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019918.D

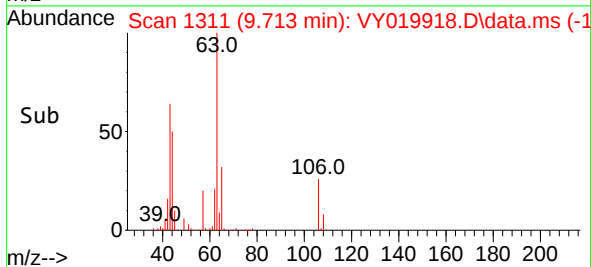
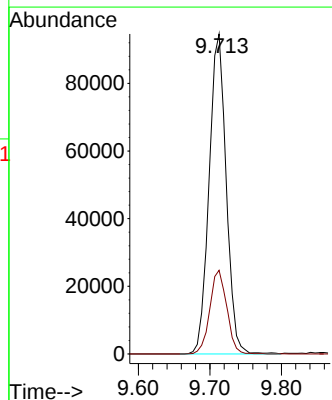
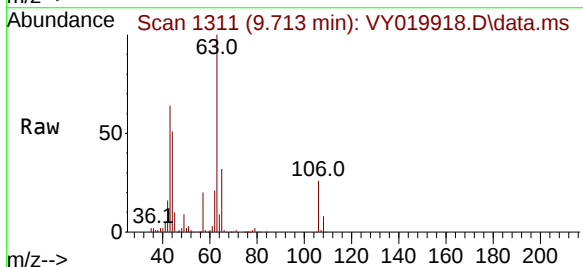
Acq: 16 Oct 2024 16:15

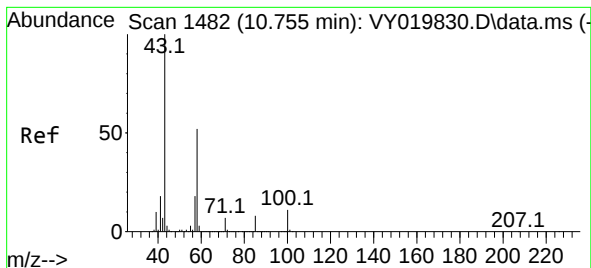
Tgt Ion: 63 Resp: 157114

Ion Ratio Lower Upper

63 100

106 26.0 23.7 35.5





#59

2-Hexanone

Concen: 131.867 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

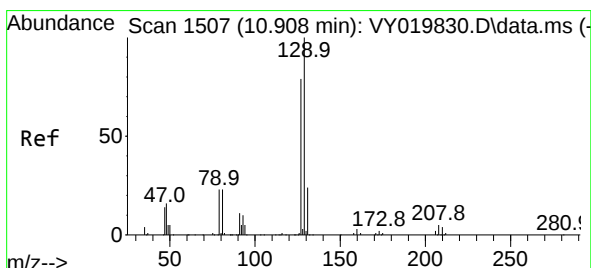
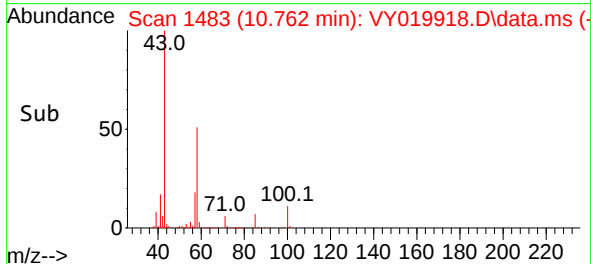
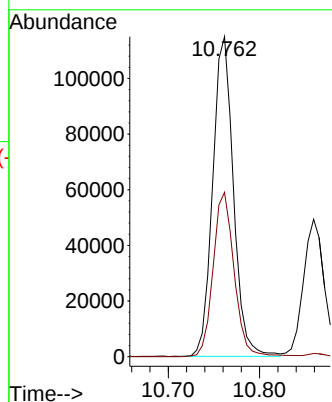
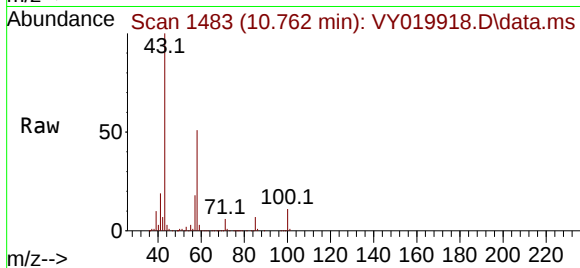
ClientSampleId :

Tgt Ion: 43 Resp: 181029

Ion Ratio Lower Upper

43 100

58 52.2 31.4 94.0



#60

Dibromochloromethane

Concen: 23.497 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY019918.D

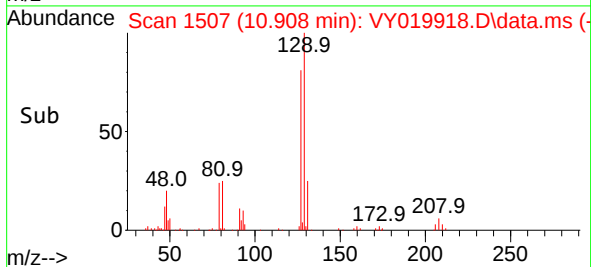
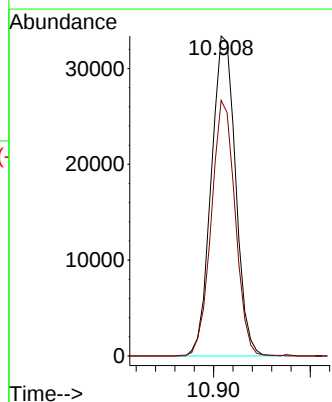
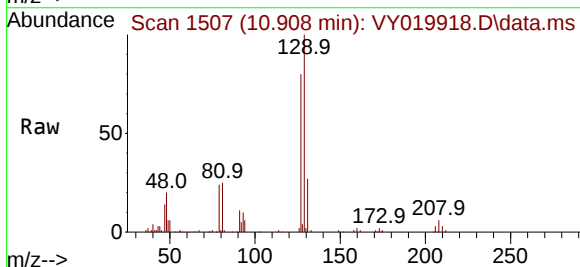
Acq: 16 Oct 2024 16:15

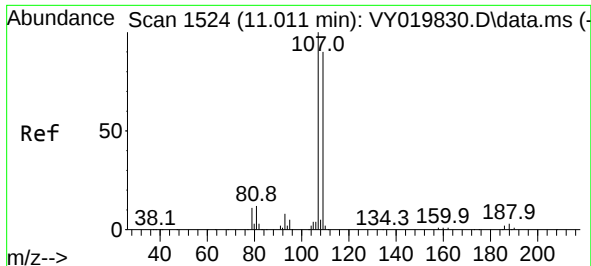
Tgt Ion:129 Resp: 58273

Ion Ratio Lower Upper

129 100

127 78.3 39.0 117.0

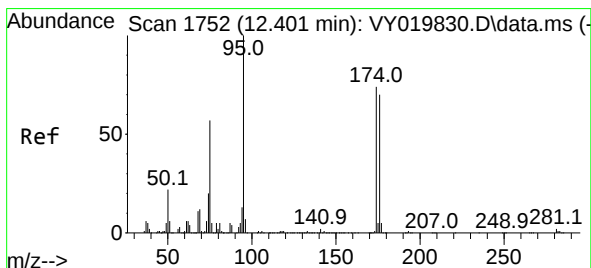
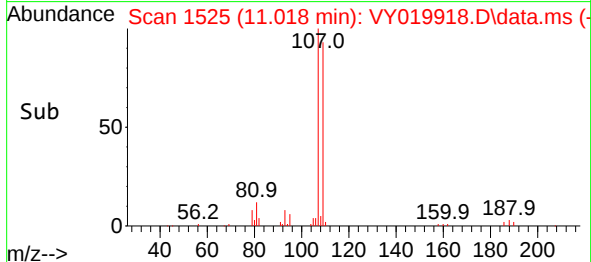
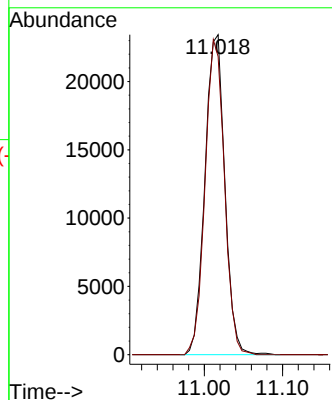
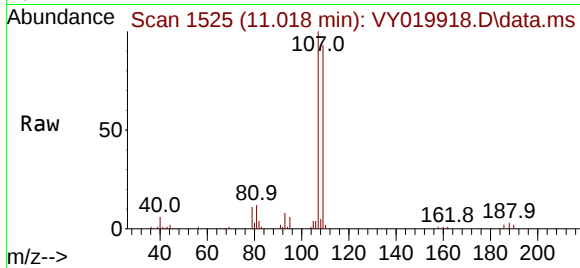




#61
1,2-Dibromoethane
Concen: 23.627 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

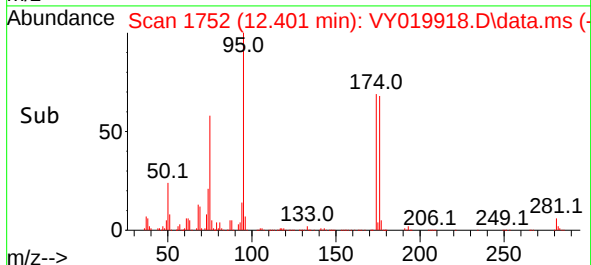
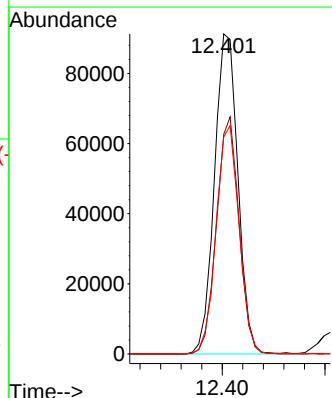
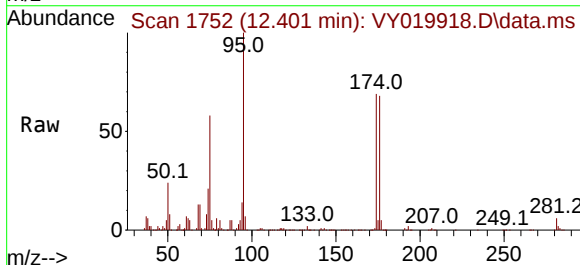
Instrument :
MSVOA_Y
ClientSampleId :

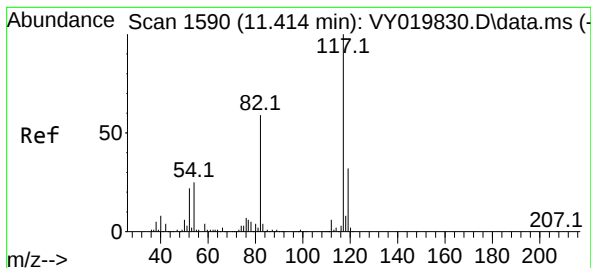
Tgt Ion:107 Resp: 41254
Ion Ratio Lower Upper
107 100
109 95.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.007 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 95 Resp: 144432
Ion Ratio Lower Upper
95 100
174 70.9 0.0 175.6
176 70.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

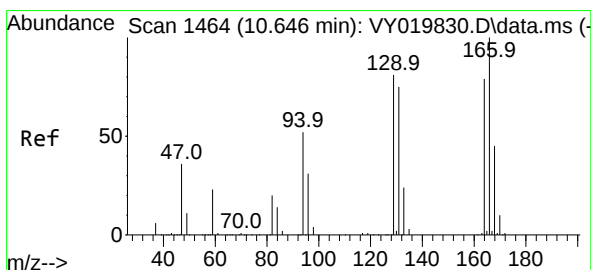
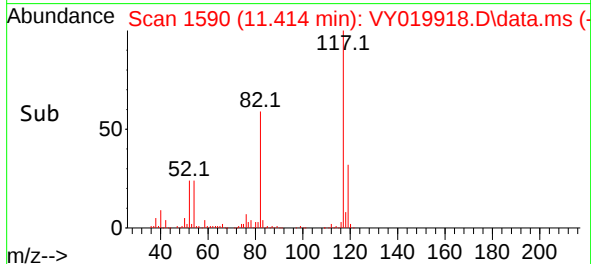
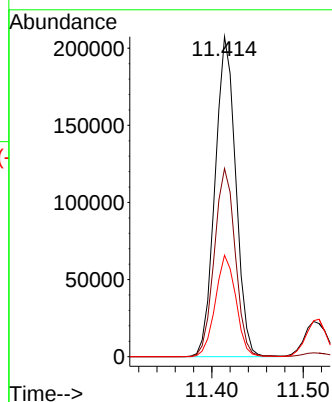
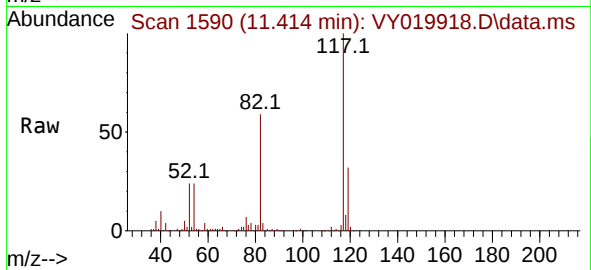
Tgt Ion:117 Resp: 326622

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 21.558 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Tgt Ion:164 Resp: 50084

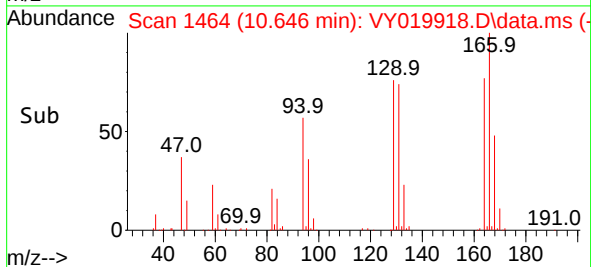
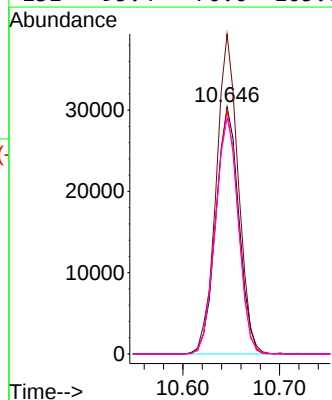
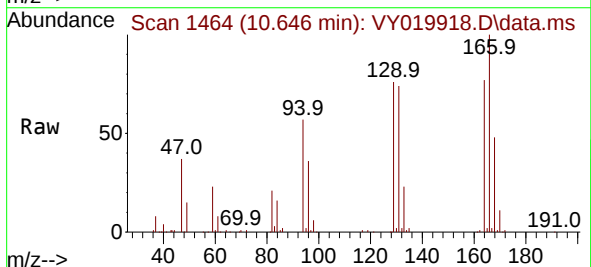
Ion Ratio Lower Upper

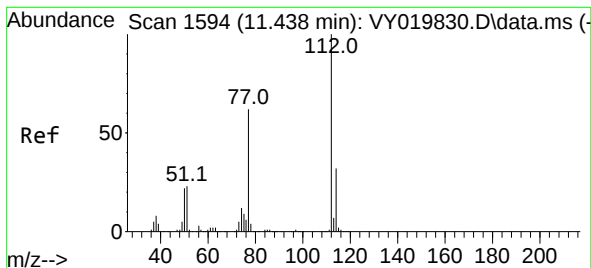
164 100

166 129.5 102.6 154.0

129 98.9 72.0 108.0

131 95.4 70.0 105.0





#65

Chlorobenzene

Concen: 22.192 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

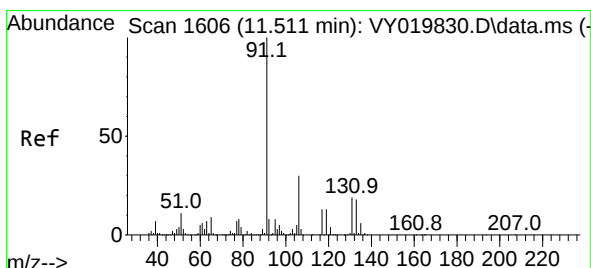
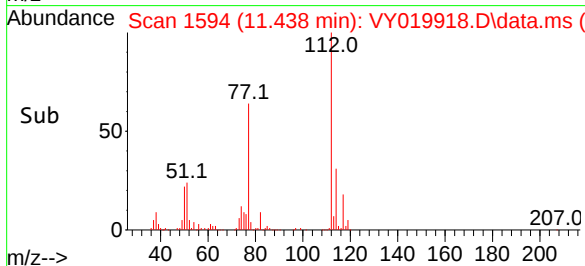
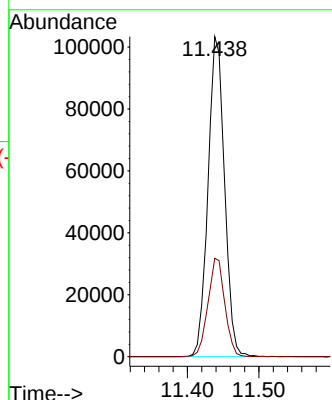
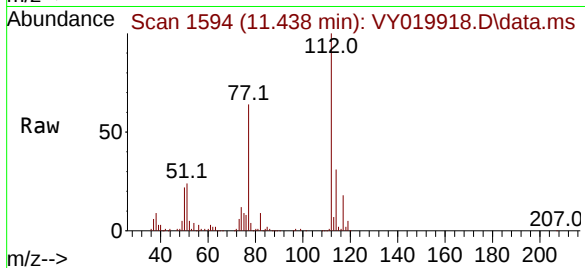
ClientSampleId :

Tgt Ion:112 Resp: 165786

Ion Ratio Lower Upper

112 100

114 30.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.826 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

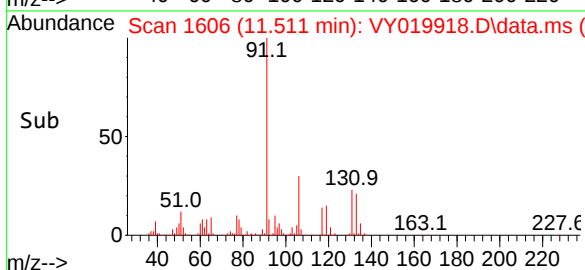
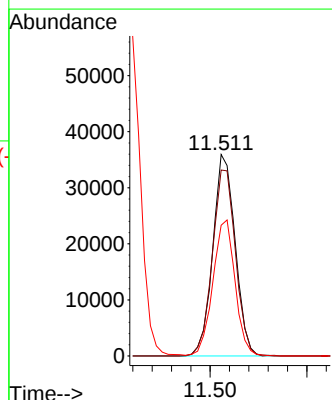
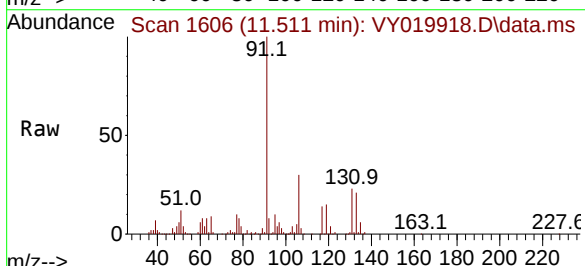
Tgt Ion:131 Resp: 57694

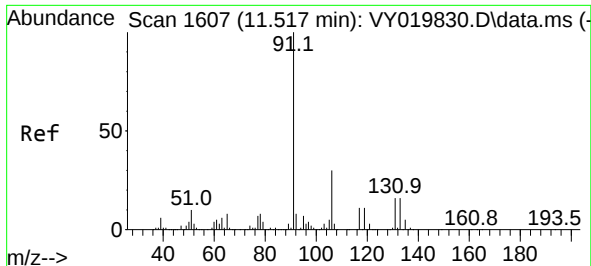
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 67.1 34.1 102.2





#67

Ethyl Benzene

Concen: 22.172 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

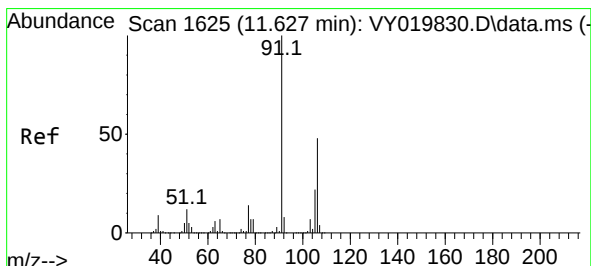
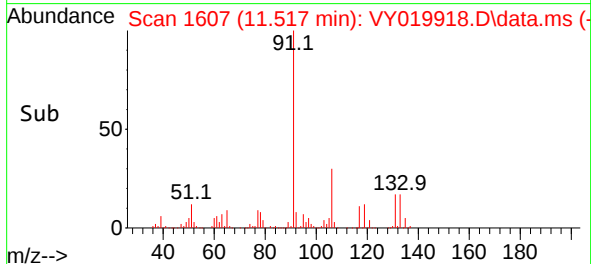
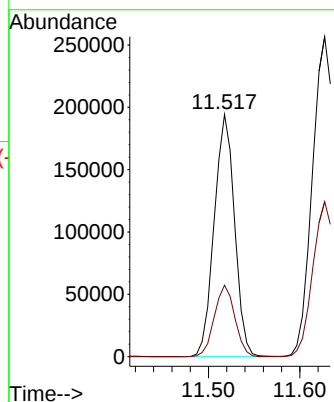
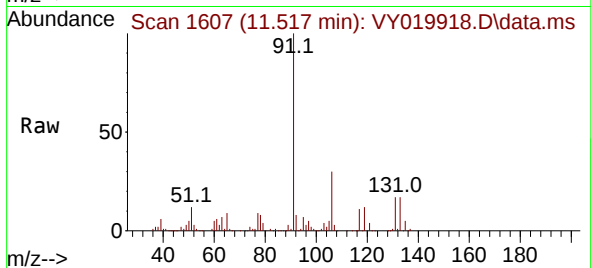
ClientSampleId :

Tgt Ion: 91 Resp: 300891

Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7



#68

m/p-Xylenes

Concen: 43.384 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019918.D

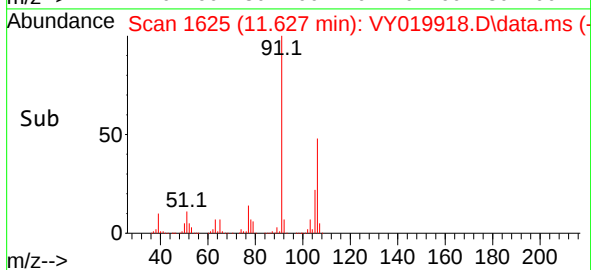
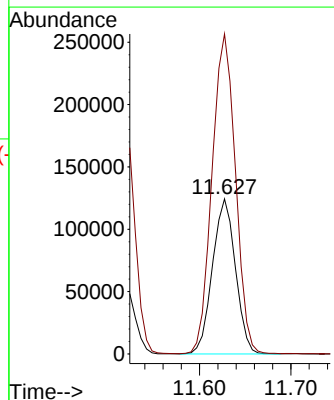
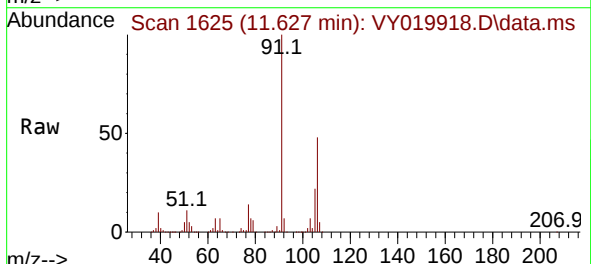
Acq: 16 Oct 2024 16:15

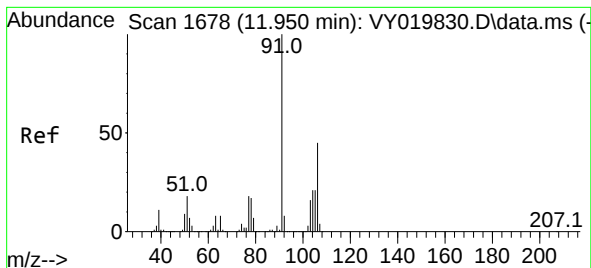
Tgt Ion:106 Resp: 217436

Ion Ratio Lower Upper

106 100

91 210.2 156.0 234.0





#69

o-Xylene

Concen: 22.228 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

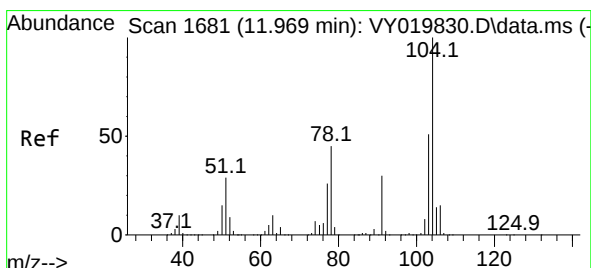
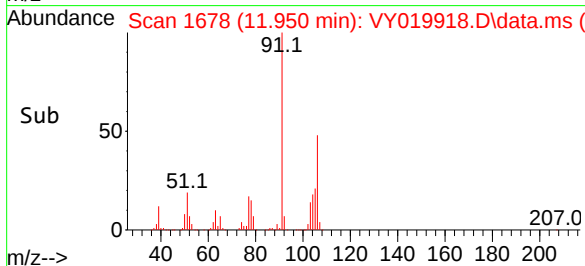
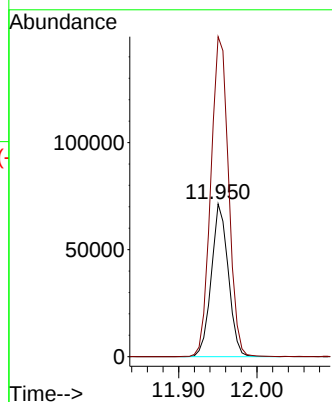
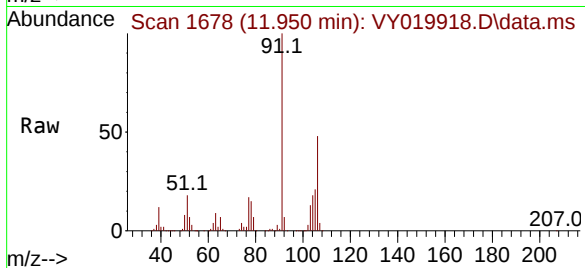
ClientSampleId :

Tgt Ion:106 Resp: 107040

Ion Ratio Lower Upper

106 100

91 219.7 103.6 310.8



#70

Styrene

Concen: 22.564 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

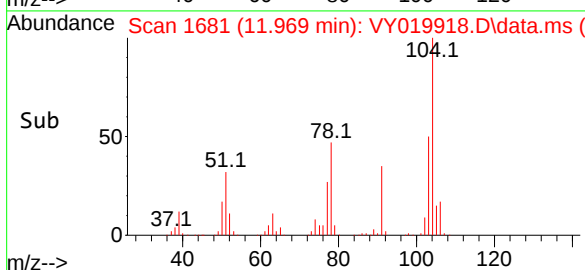
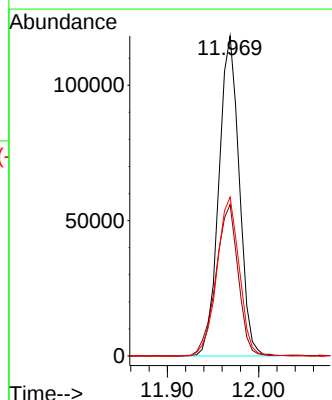
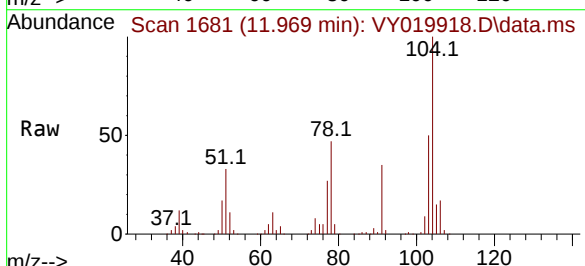
Tgt Ion:104 Resp: 183319

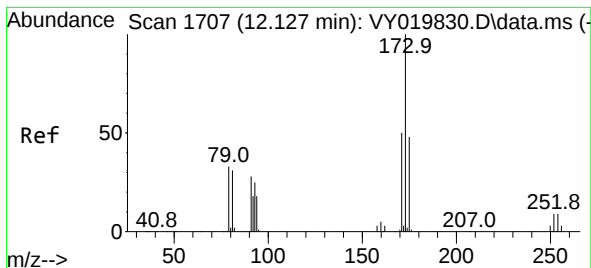
Ion Ratio Lower Upper

104 100

78 51.7 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 23.190 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

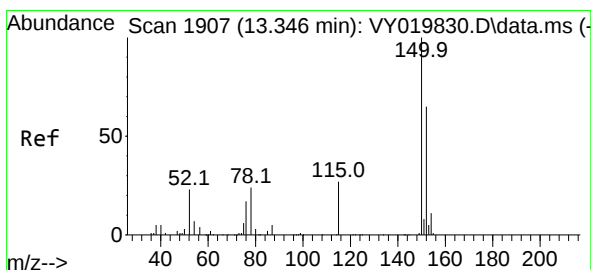
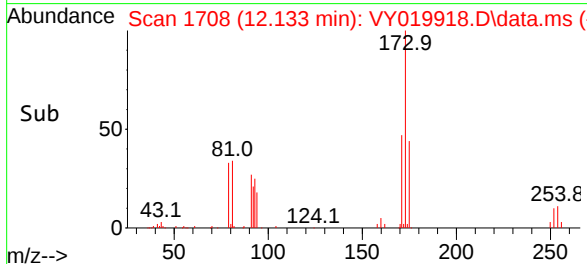
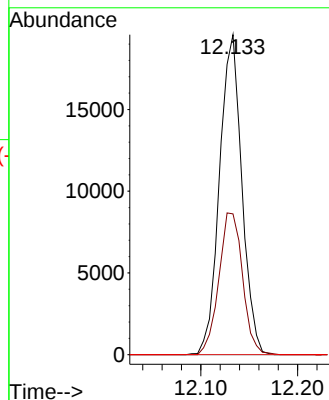
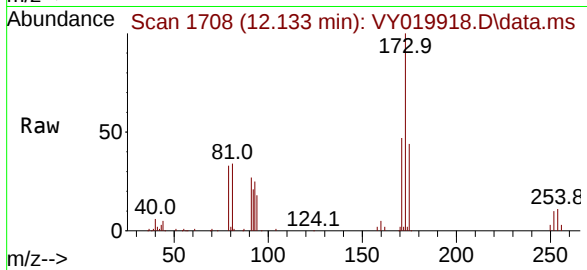
Tgt Ion:173 Resp: 31378

Ion Ratio Lower Upper

173 100

175 47.0 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: VY019918.D

Acq: 16 Oct 2024 16:15

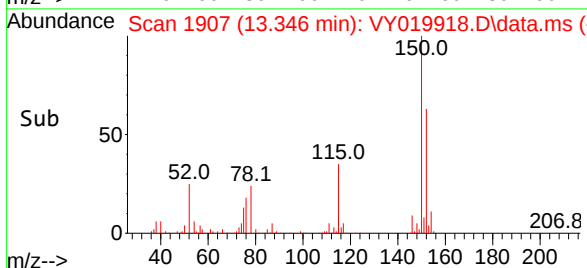
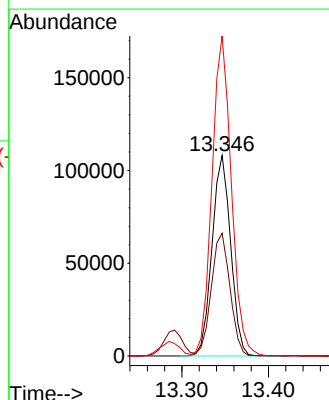
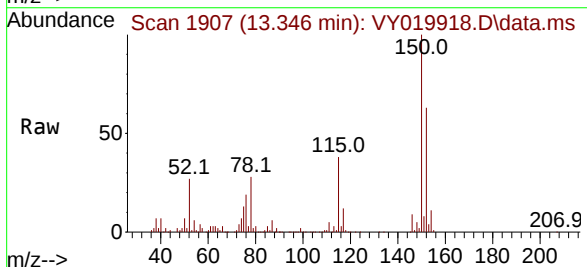
Tgt Ion:152 Resp: 161487

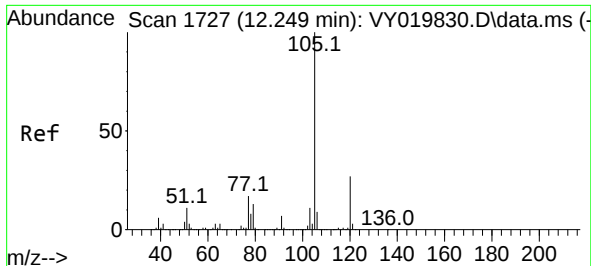
Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 165.8 0.0 345.6

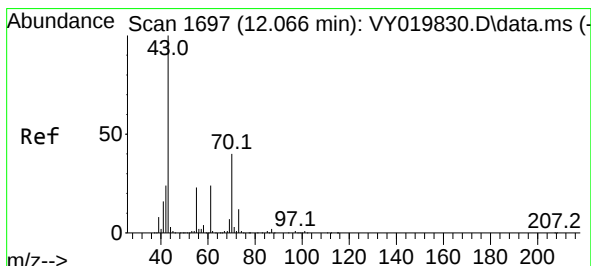
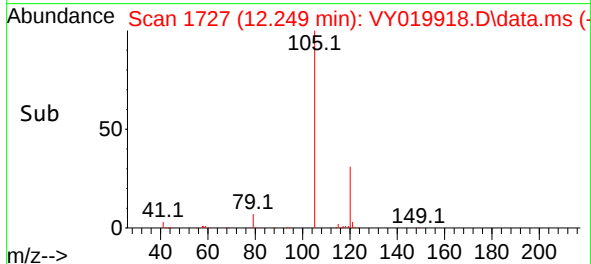
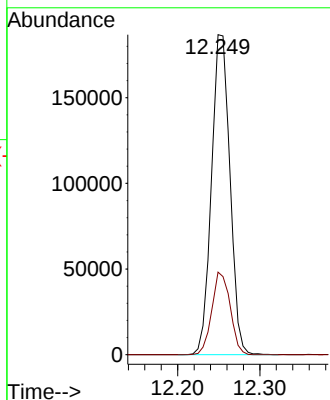
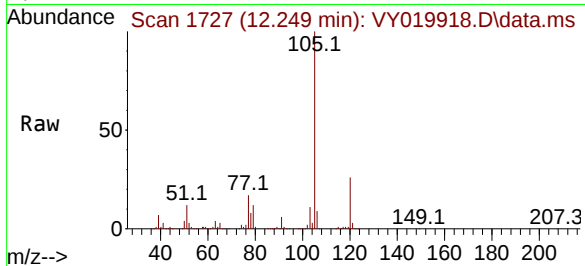




#73
Isopropylbenzene
Concen: 21.467 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

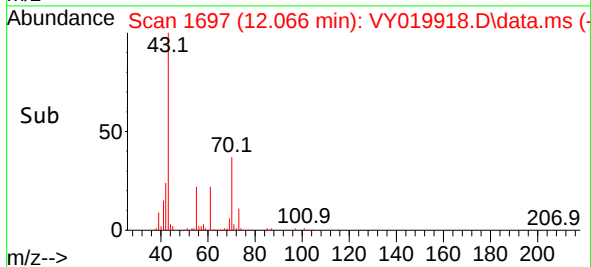
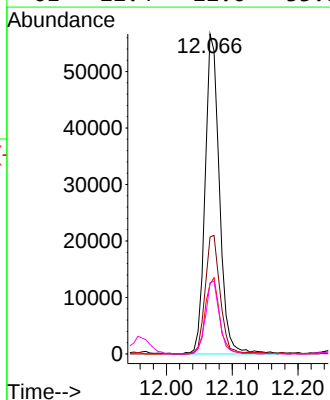
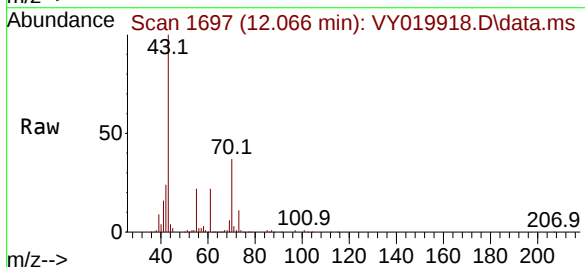
Instrument :
MSVOA_Y
ClientSampleId :

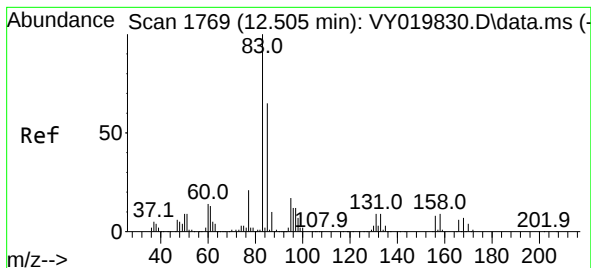
Tgt Ion:105 Resp: 291591
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 23.889 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 43 Resp: 85945
Ion Ratio Lower Upper
43 100
70 38.4 41.4 62.2#
55 23.5 23.3 34.9
61 22.4 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 25.168 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

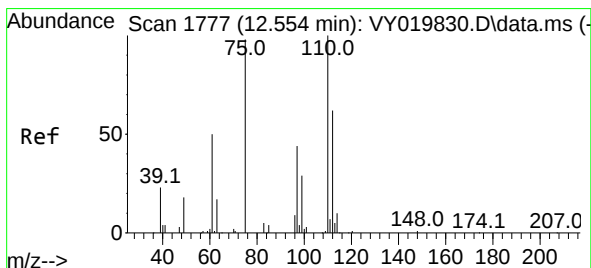
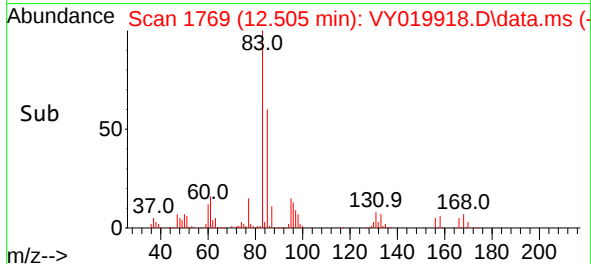
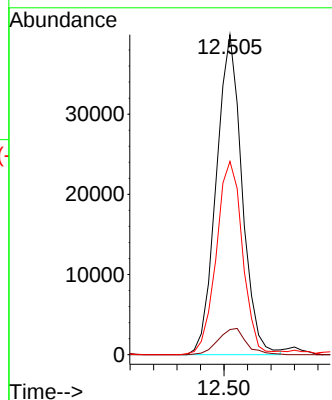
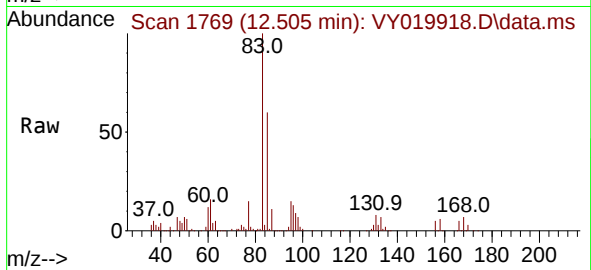
Tgt Ion: 83 Resp: 60745

Ion Ratio Lower Upper

83 100

131 8.9 5.0 14.9

85 61.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 22.941 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019918.D

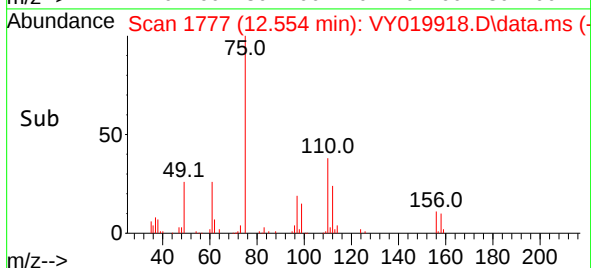
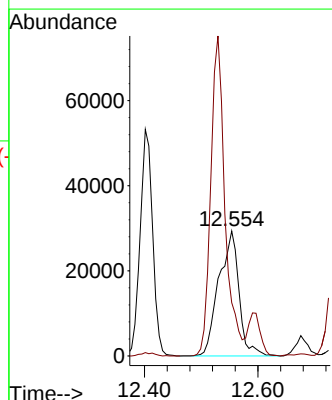
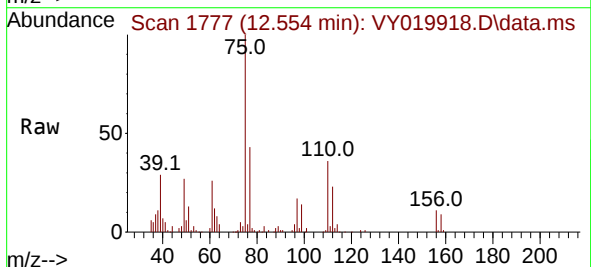
Acq: 16 Oct 2024 16:15

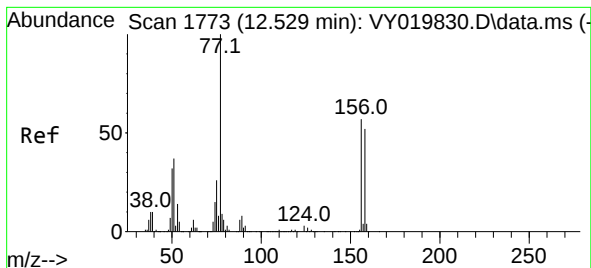
Tgt Ion: 75 Resp: 72574

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.436 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

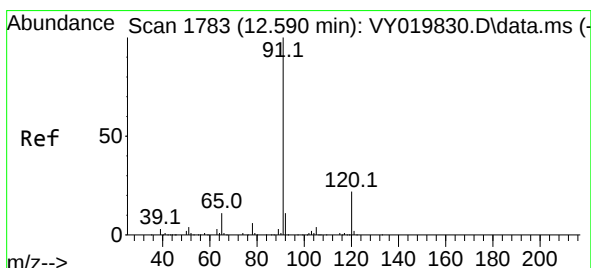
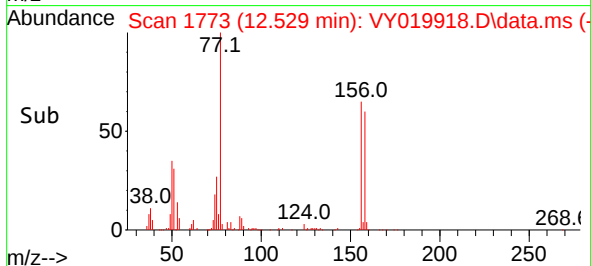
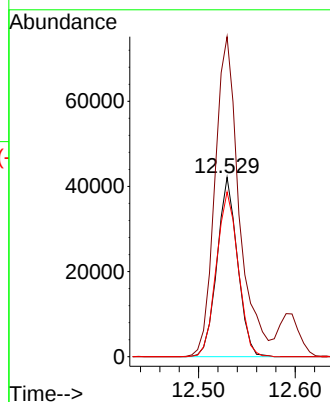
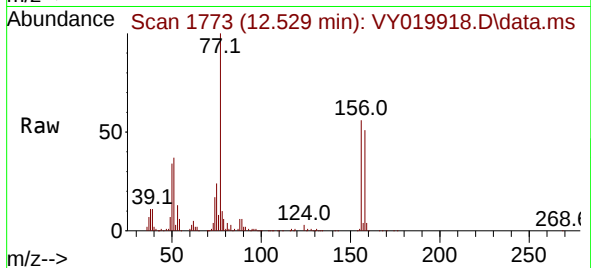
Tgt Ion:156 Resp: 61788

Ion Ratio Lower Upper

156 100

77 211.7 87.1 261.3

158 98.0 48.6 145.9



#78

n-propylbenzene

Concen: 21.990 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019918.D

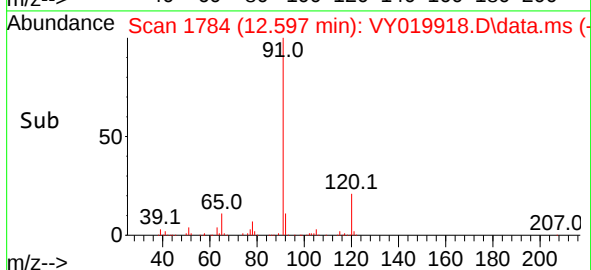
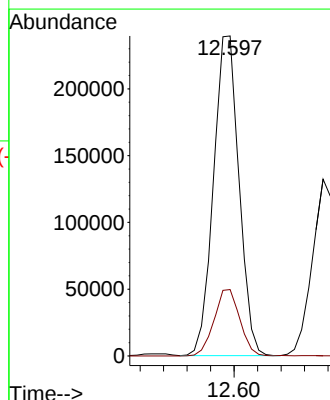
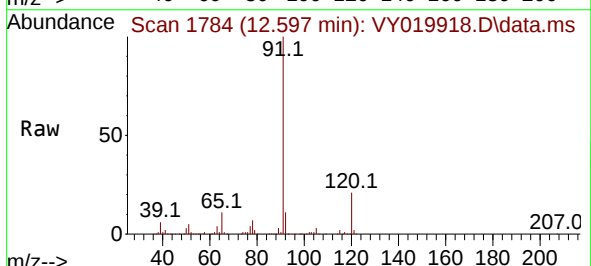
Acq: 16 Oct 2024 16:15

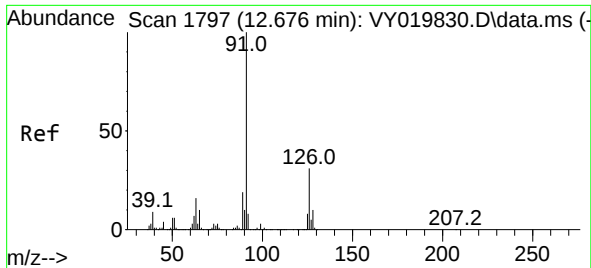
Tgt Ion: 91 Resp: 360913

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4

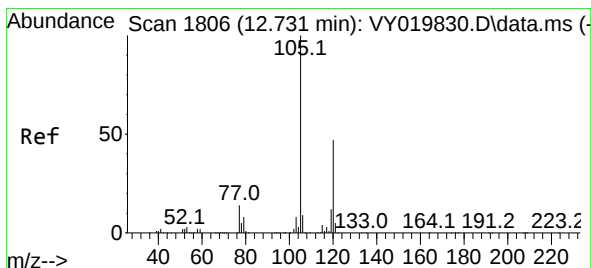
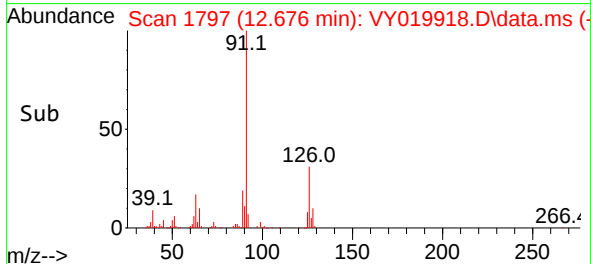
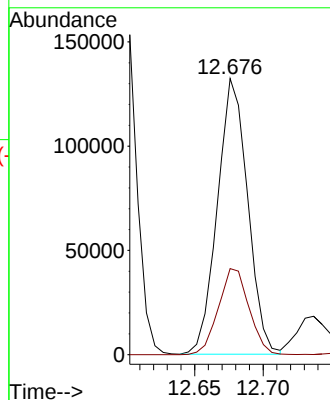
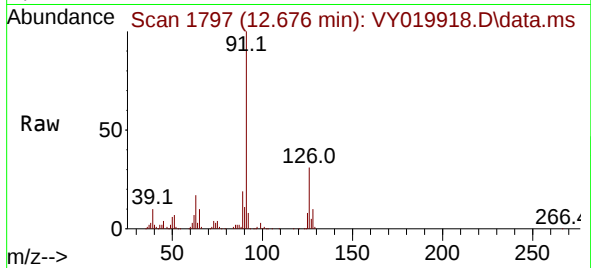




#79
2-Chlorotoluene
Concen: 21.655 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

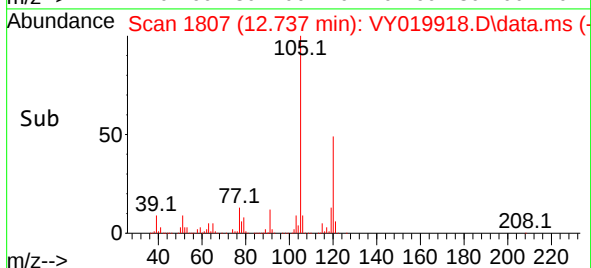
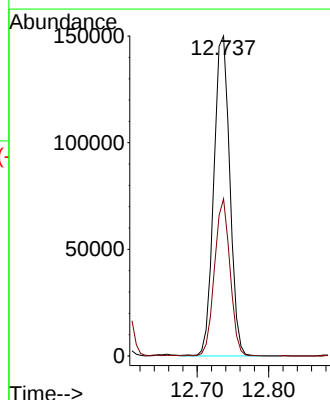
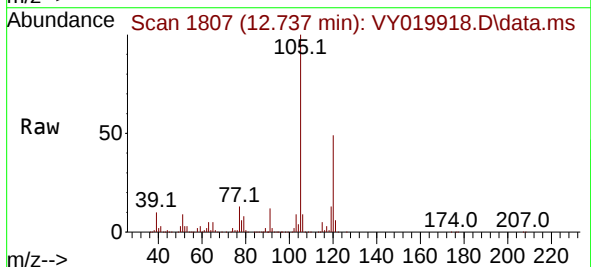
Instrument :
MSVOA_Y
ClientSampleId :

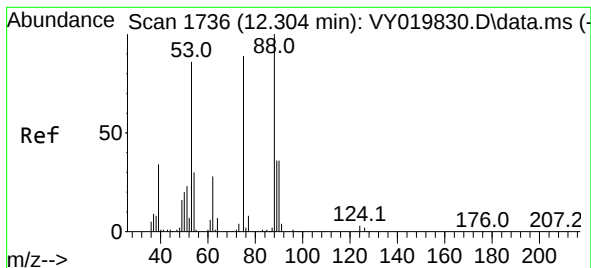
Tgt Ion: 91 Resp: 203761
Ion Ratio Lower Upper
91 100
126 31.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.258 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 105 Resp: 233198
Ion Ratio Lower Upper
105 100
120 47.7 25.1 75.2

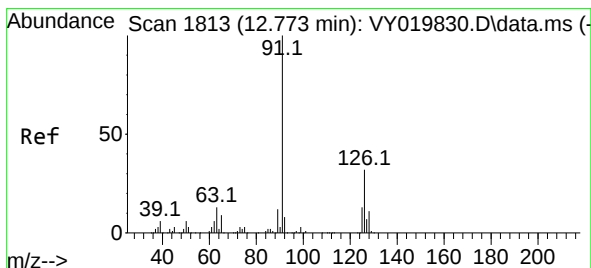
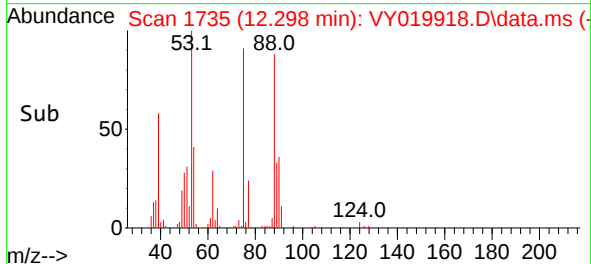
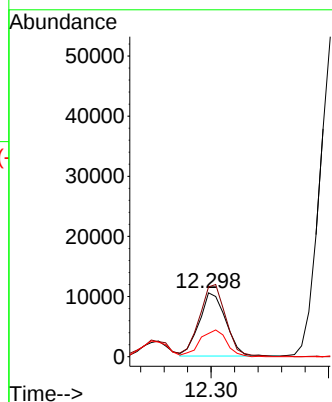
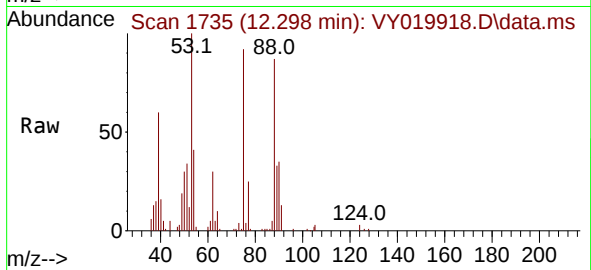




#81
trans-1,4-Dichloro-2-butene
Concen: 20.977 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

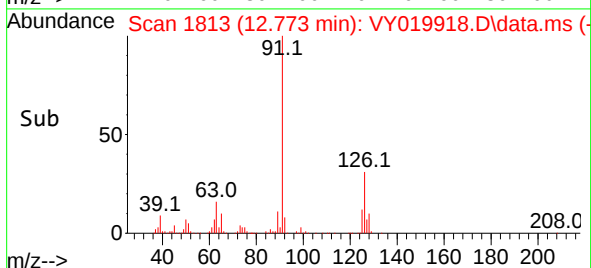
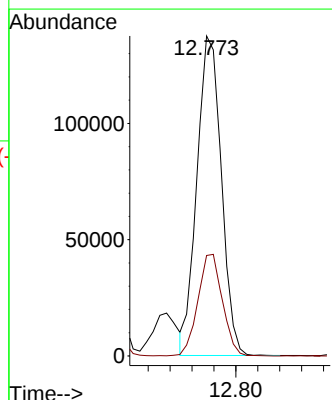
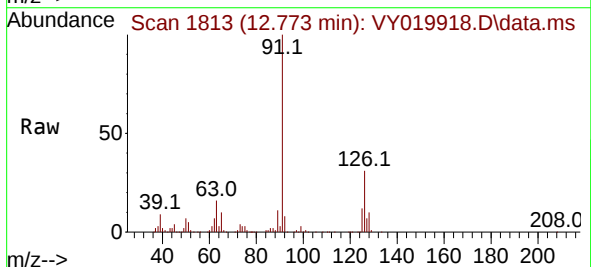
Instrument :
MSVOA_Y
ClientSampleId :

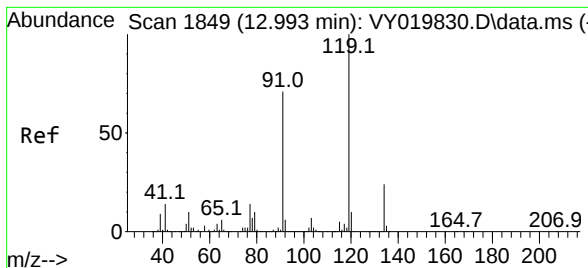
Tgt Ion: 75 Resp: 16441
Ion Ratio Lower Upper
75 100
53 114.3 66.8 100.2#
89 42.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.094 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 91 Resp: 212568
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.215 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

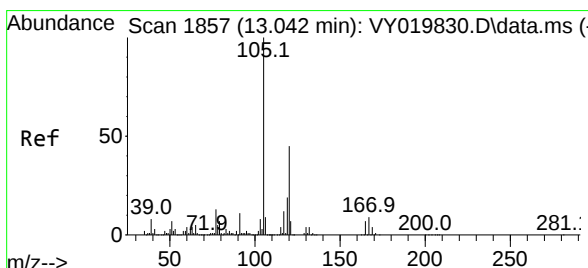
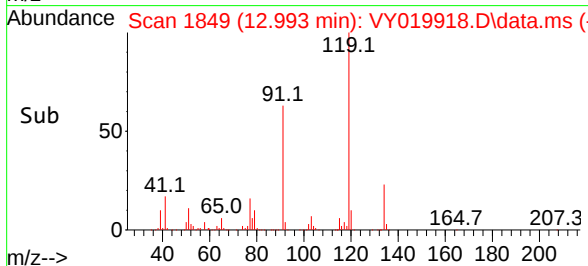
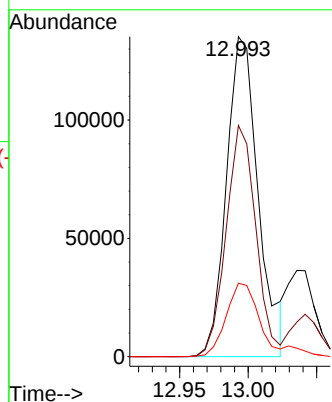
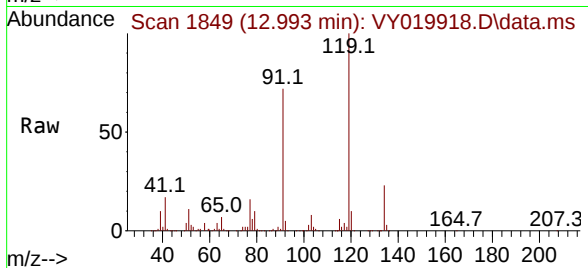
Tgt Ion:119 Resp: 218313

Ion Ratio Lower Upper

119 100

91 67.8 31.3 93.8

134 25.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.168 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019918.D

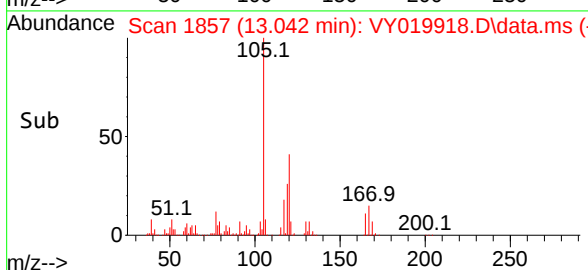
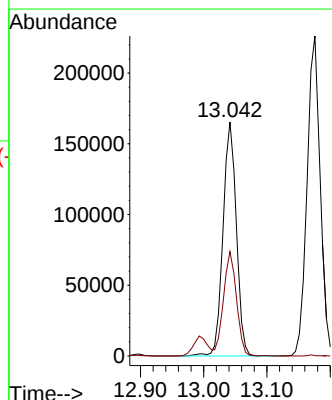
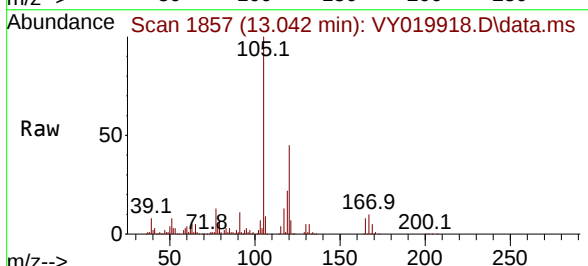
Acq: 16 Oct 2024 16:15

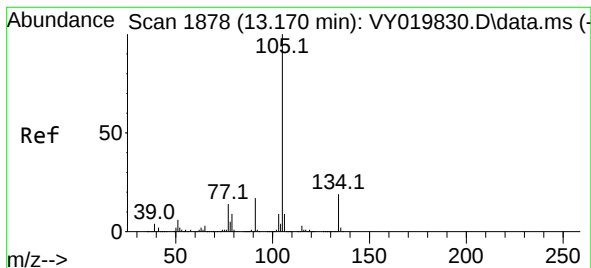
Tgt Ion:105 Resp: 241097

Ion Ratio Lower Upper

105 100

120 43.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.133 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

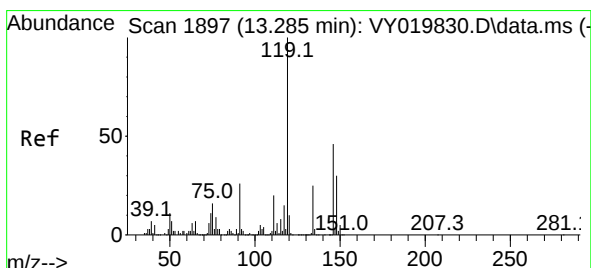
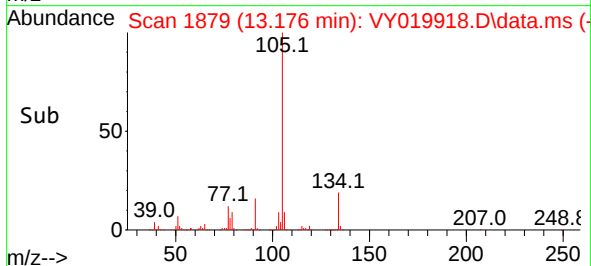
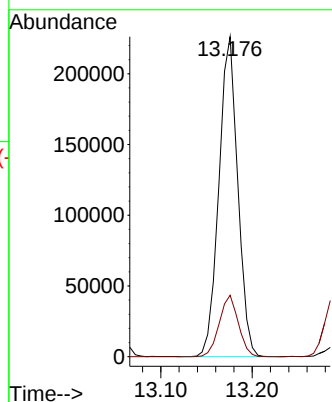
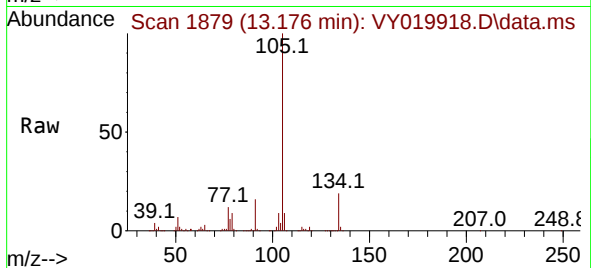
ClientSampleId :

Tgt Ion:105 Resp: 324961

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.244 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

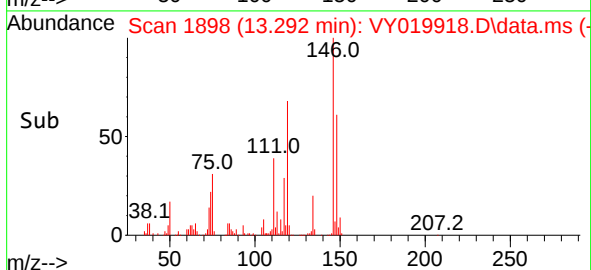
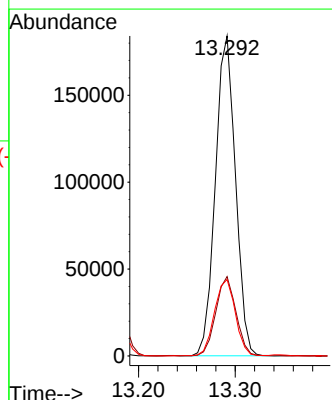
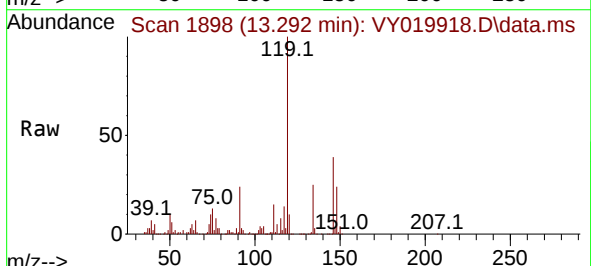
Tgt Ion:119 Resp: 265208

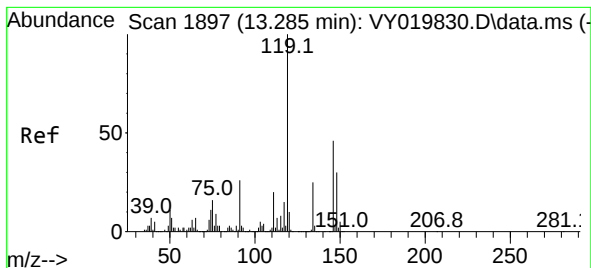
Ion Ratio Lower Upper

119 100

134 25.0 13.1 39.3

91 24.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.049 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

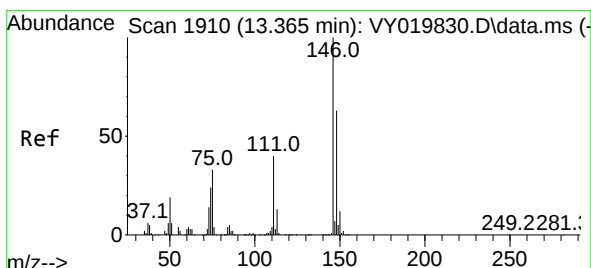
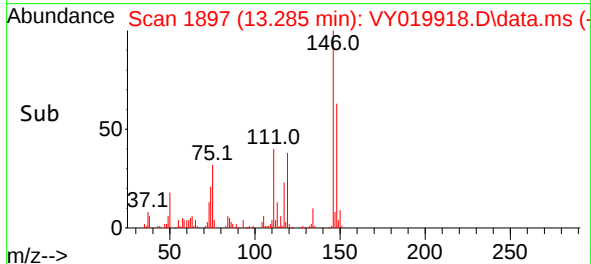
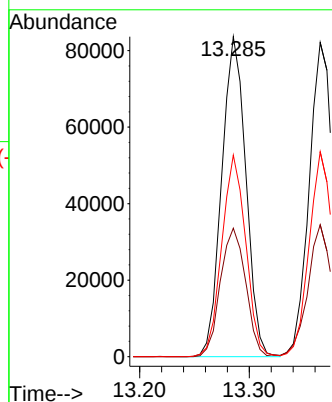
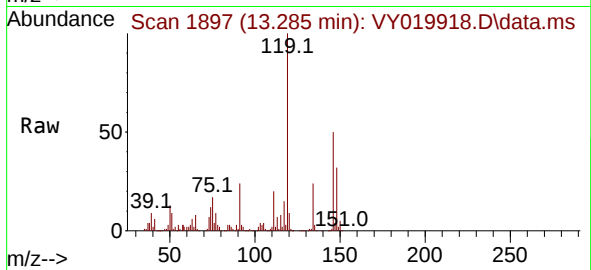
Tgt Ion:146 Resp: 128347

Ion Ratio Lower Upper

146 100

111 42.0 19.0 57.0

148 62.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.149 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

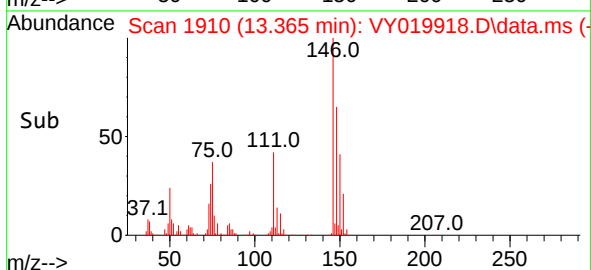
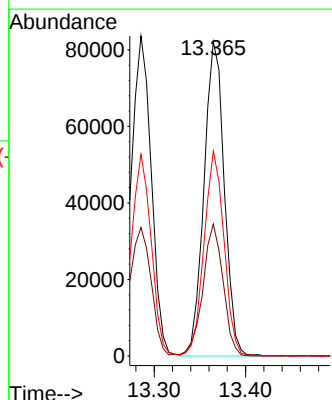
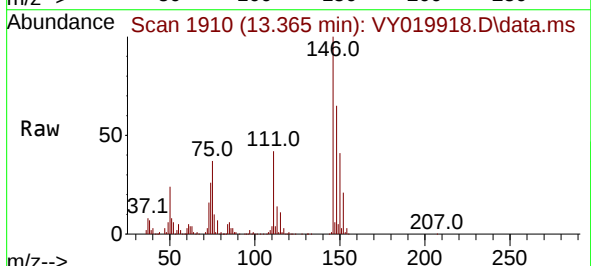
Tgt Ion:146 Resp: 126658

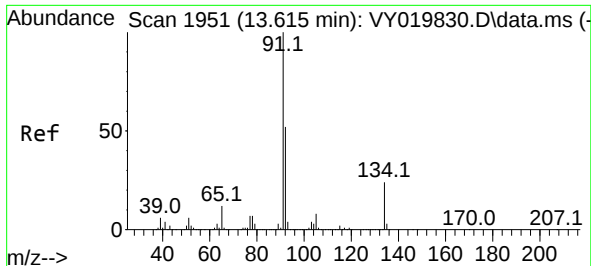
Ion Ratio Lower Upper

146 100

111 41.6 18.4 55.4

148 64.2 32.4 97.2

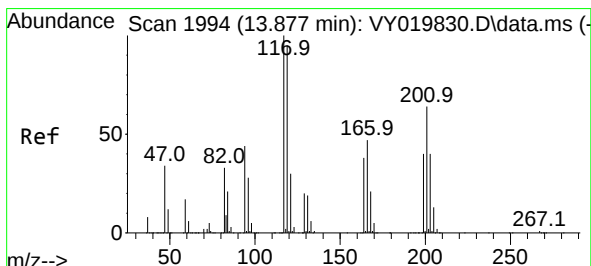
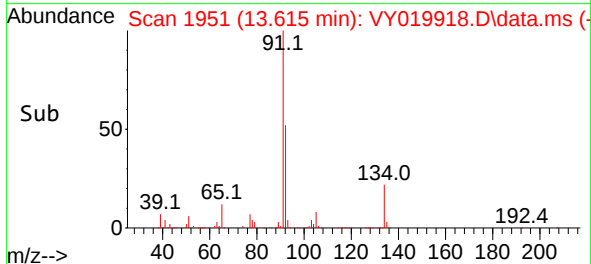
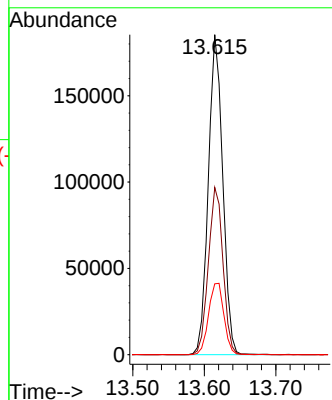
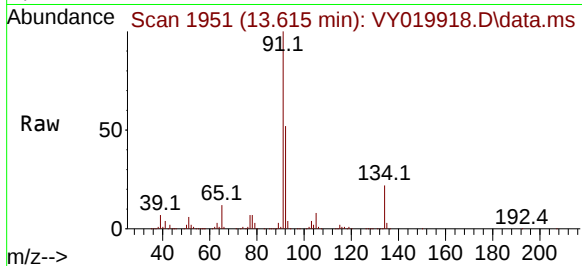




#89
n-Butylbenzene
Concen: 22.303 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

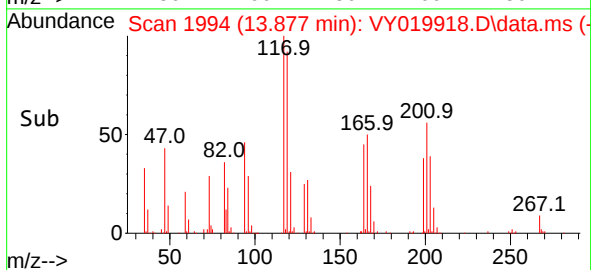
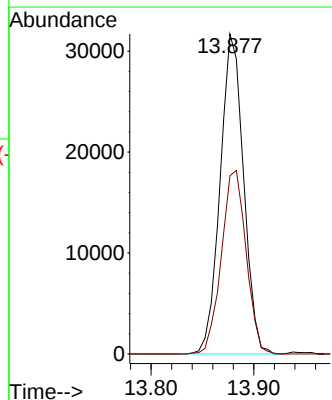
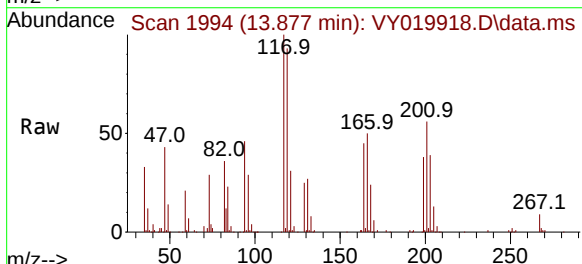
Instrument :
MSVOA_Y
ClientSampleId :

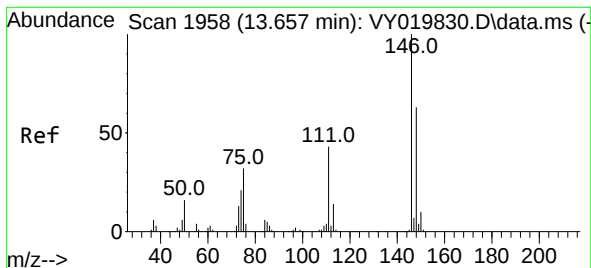
Tgt Ion: 91 Resp: 259643
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.7
134 23.8 12.9 38.7



#90
Hexachloroethane
Concen: 21.602 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019918.D
Acq: 16 Oct 2024 16:15

Tgt Ion: 117 Resp: 50151
Ion Ratio Lower Upper
117 100
201 60.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 22.375 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

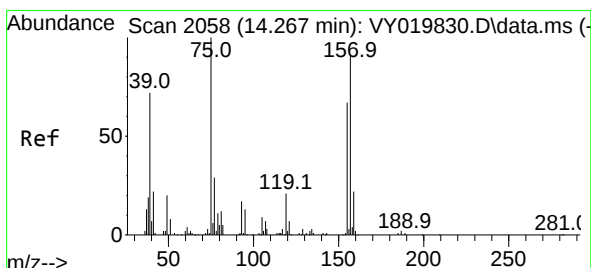
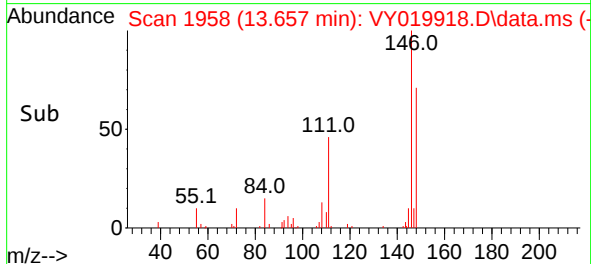
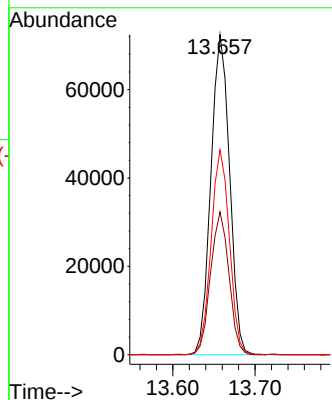
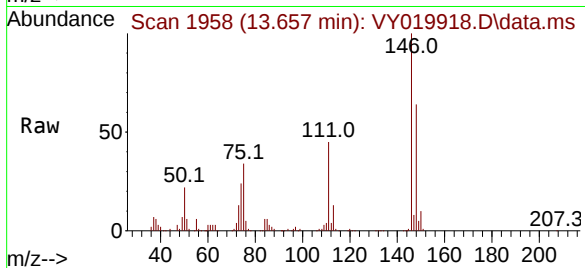
Tgt Ion:146 Resp: 114438

Ion Ratio Lower Upper

146 100

111 43.8 19.9 59.7

148 62.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.755 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

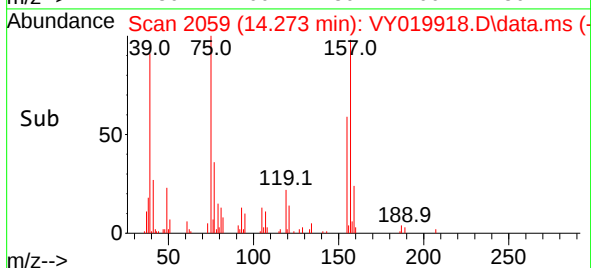
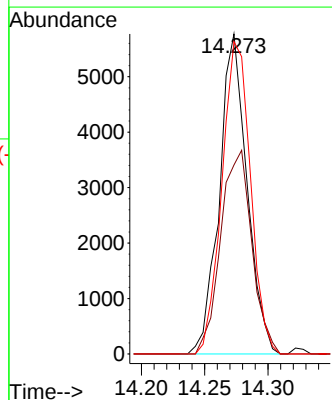
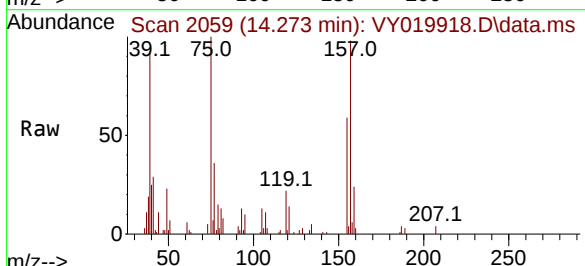
Tgt Ion: 75 Resp: 8765

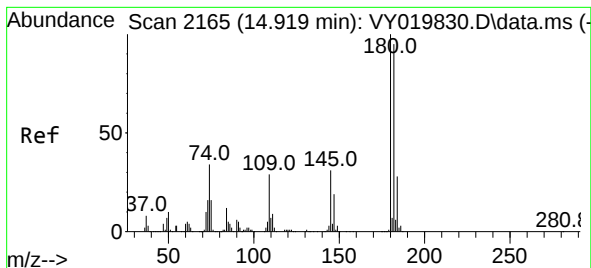
Ion Ratio Lower Upper

75 100

155 71.7 48.6 145.8

157 100.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.898 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

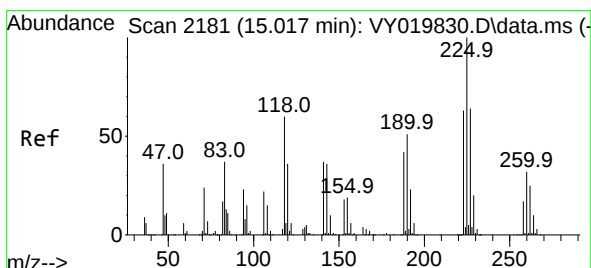
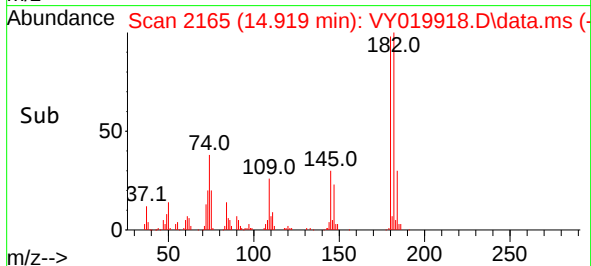
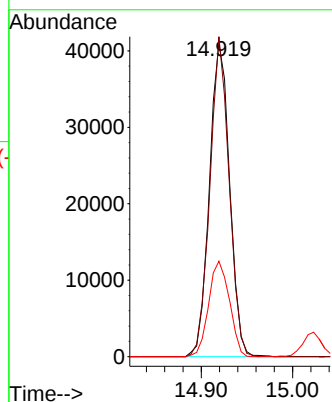
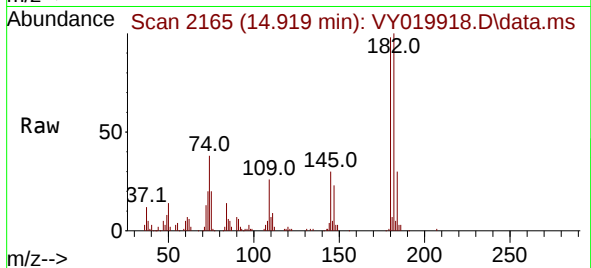
Tgt Ion:180 Resp: 62802

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.8

145 31.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.457 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

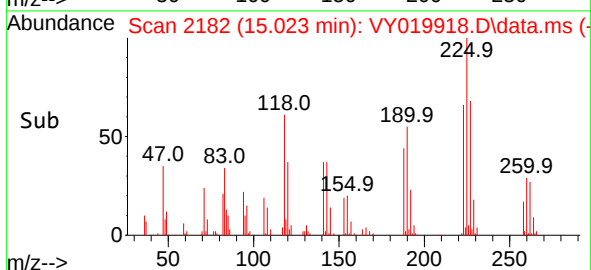
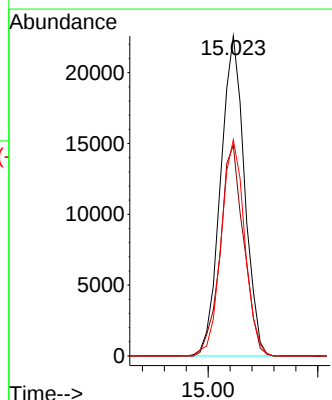
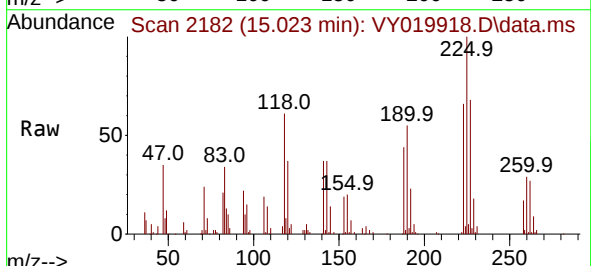
Tgt Ion:225 Resp: 34213

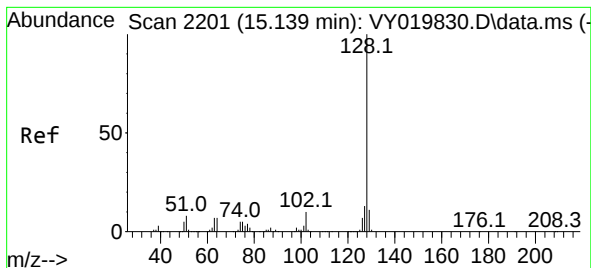
Ion Ratio Lower Upper

225 100

223 64.8 30.4 91.2

227 66.3 31.9 95.9





#95

Naphthalene

Concen: 22.821 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

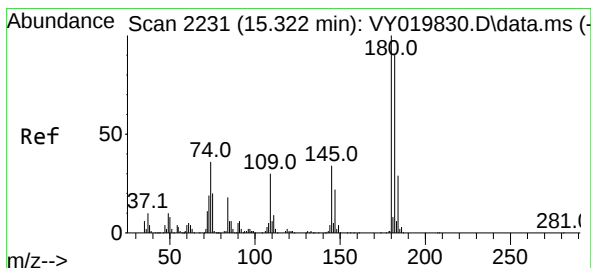
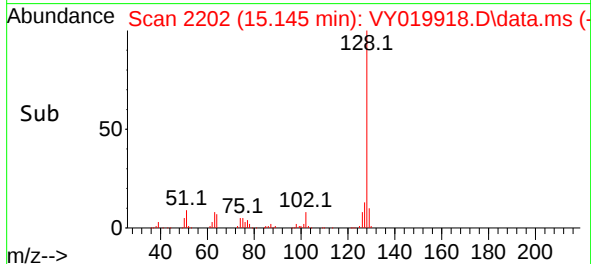
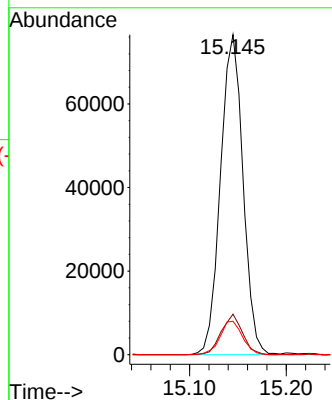
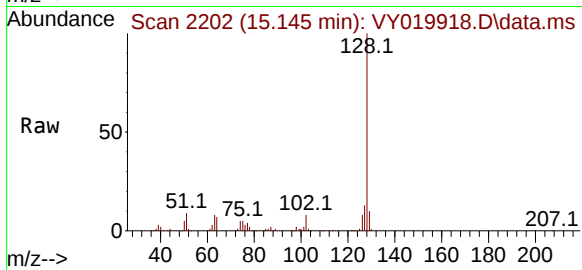
Tgt Ion:128 Resp: 123441

Ion Ratio Lower Upper

128 100

127 11.9 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 23.063 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019918.D

Acq: 16 Oct 2024 16:15

Tgt Ion:180 Resp: 55912

Ion Ratio Lower Upper

180 100

182 90.2 47.6 142.9

145 32.7 15.4 46.1

