

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019904.D
 Acq On : 15 Oct 2024 15:25
 Operator : SY/MD
 Sample : P4395-01
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 16 02:51:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	6487	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	10443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	5169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	712	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2864	35.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.720%
35) Dibromofluoromethane	7.634	113	3285	47.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.109	98	11206	44.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.060%
62) 4-Bromofluorobenzene	12.396	95	1523	16.563	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	33.120%

Target Compounds				Qvalue		
3) Chloromethane	2.080	50	136	1.730	ug/l #	43
5) Bromomethane	2.623	94	473	8.640	ug/l	81
10) Methyl Iodide	4.025	142	380	5.019	ug/l #	79
11) Tert butyl alcohol	5.092	59	19	2.539	ug/l #	1
13) Acrolein	3.653	56	75	12.779	ug/l #	15
15) Acrylonitrile	5.025	53	30	1.677	ug/l #	17
16) Acetone	3.873	43	319	15.342	ug/l #	36
25) 2-Butanone	6.872	43	86	3.090	ug/l #	41
29) Tetrahydrofuran	7.305	42	37	2.328	ug/l #	26
31) Cyclohexane	7.701	56	227	1.701	ug/l #	37
36) 1,1-Dichloropropene	7.713	75	751	7.564	ug/l #	40
37) Ethyl Acetate	6.957	43	113	2.183	ug/l #	67
38) Carbon Tetrachloride	7.701	117	673	6.323	ug/l #	13
41) Methacrylonitrile	7.159	41	53	1.892	ug/l #	4
48) Methyl methacrylate	9.177	41	63	1.357	ug/l #	12
51) 4-Methyl-2-Pentanone	10.006	43	170	3.157	ug/l #	31
56) Ethyl methacrylate	10.396	69	106	1.365	ug/l #	1
65) Chlorobenzene	11.438	112	199	1.683	ug/l #	42
67) Ethyl Benzene	11.524	91	268	1.248	ug/l #	44
68) m/p-Xylenes	11.627	106	149	1.879	ug/l #	7
71) Bromoform	12.030	173	22	1.027	ug/l #	27
73) Isopropylbenzene	12.255	105	219	3.657	ug/l #	48
74) N-amyl acetate	12.036	43	362	22.822	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.505	83	306	28.755	ug/l #	96
76) 1,2,3-Trichloropropane	12.548	75	100	7.169	ug/l #	100
78) n-propylbenzene	12.597	91	132	1.824	ug/l #	57
79) 2-Chlorotoluene	12.731	91	244	5.881	ug/l	80
80) 1,3,5-Trimethylbenzene	12.743	105	127	2.626	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.402	75	445	128.777	ug/l #	24
82) 4-Chlorotoluene	12.731	91	244	5.752	ug/l	81
83) tert-Butylbenzene	12.999	119	273	6.301	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.170	105	423	8.821	ug/l #	30
85) sec-Butylbenzene	13.170	105	423	6.534	ug/l	91
86) p-Isopropyltoluene	13.298	119	181	3.443	ug/l #	1
88) 1,4-Dichlorobenzene	13.371	146	241	9.559	ug/l #	1
89) n-Butylbenzene	13.615	91	334	6.507	ug/l #	41

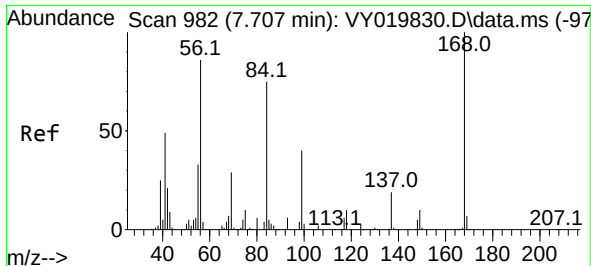
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
Data File : VY019904.D
Acq On : 15 Oct 2024 15:25
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Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.993	117	152	14.850	ug/l #	12
91) 1,2-Dichlorobenzene	13.651	146	53	2.350	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.261	75	25	14.721	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.926	180	167	13.207	ug/l #	83
94) Hexachlorobutadiene	15.035	225	113	16.074	ug/l #	19
95) Naphthalene	15.151	128	643	26.962	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.334	180	241	22.547	ug/l #	72

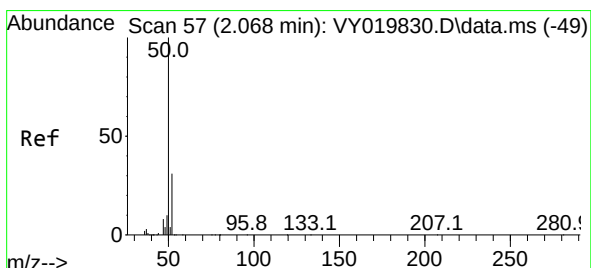
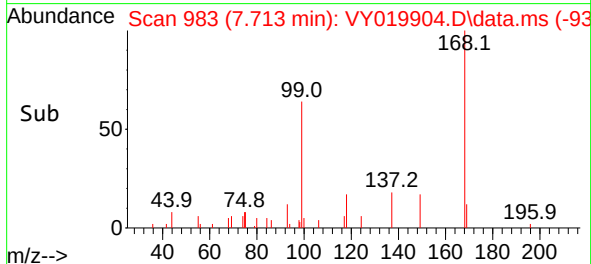
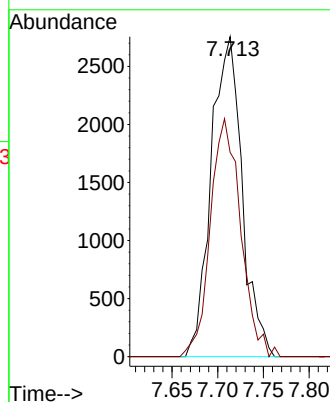
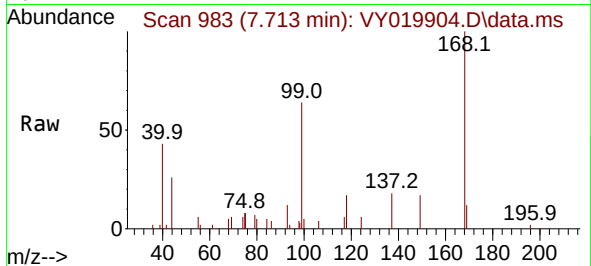
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

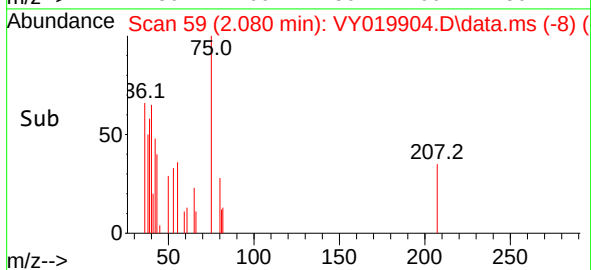
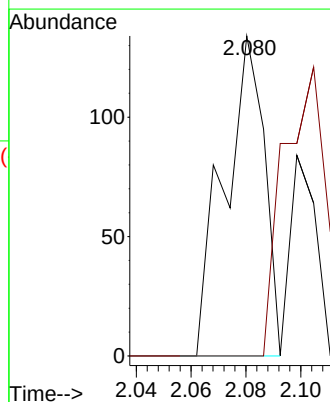
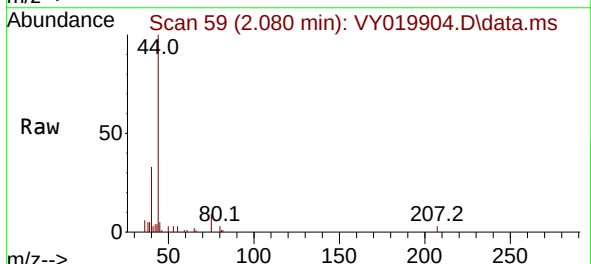
Instrument :
MSVOA_Y
ClientSampleId :

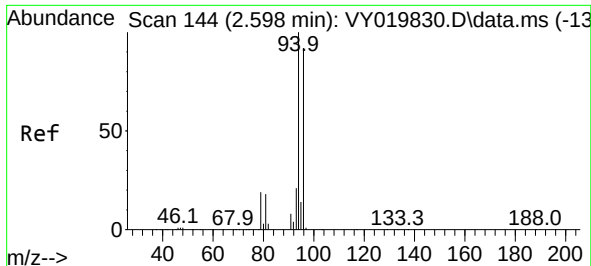
Tgt Ion:168 Resp: 6487
Ion Ratio Lower Upper
168 100
99 63.8 39.1 58.7#



#3
Chloromethane
Concen: 1.730 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.013 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 50 Resp: 136
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

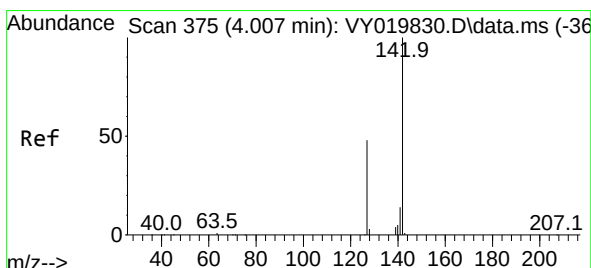
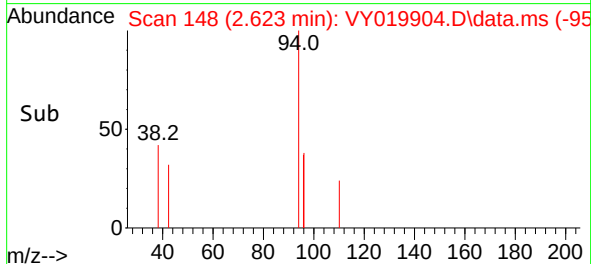
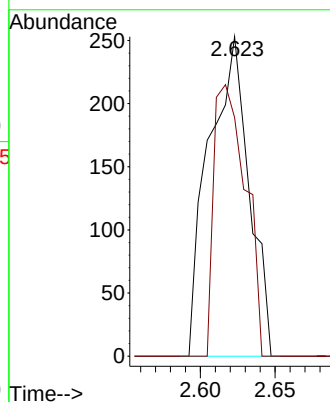
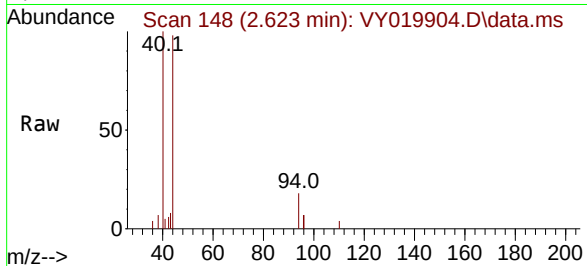




#5
Bromomethane
Concen: 8.640 ug/l
RT: 2.623 min Scan# 144
Delta R.T. 0.025 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

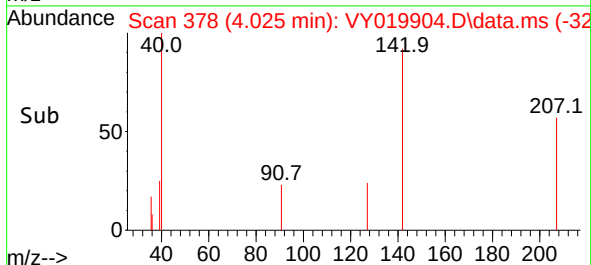
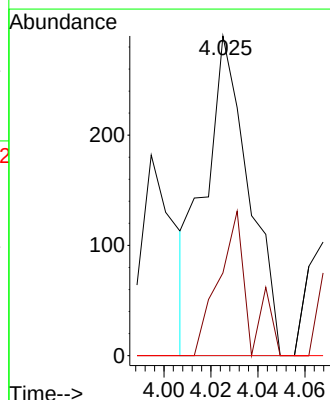
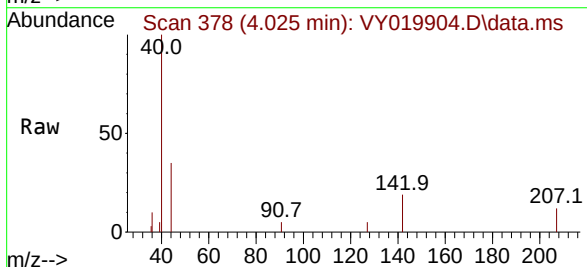
Instrument :
MSVOA_Y
ClientSampleId :

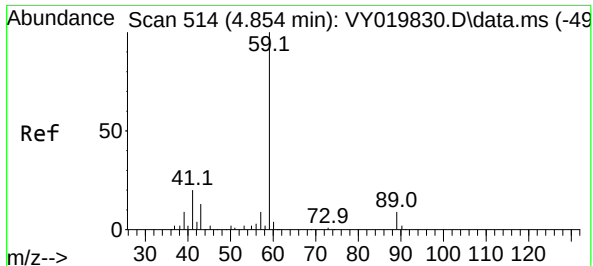
Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 74.7 74.1 111.1



#10
Methyl Iodide
Concen: 5.019 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 142 Resp: 380
Ion Ratio Lower Upper
142 100
127 30.8 32.8 49.2#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 2.539 ug/l

RT: 5.092 min Scan# 514

Delta R.T. 0.232 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

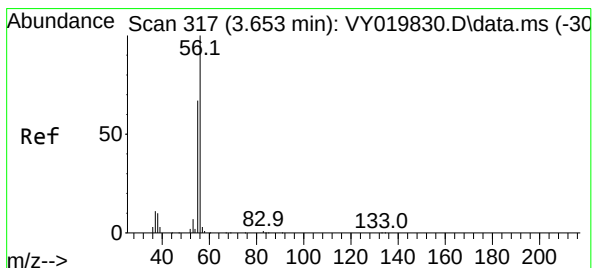
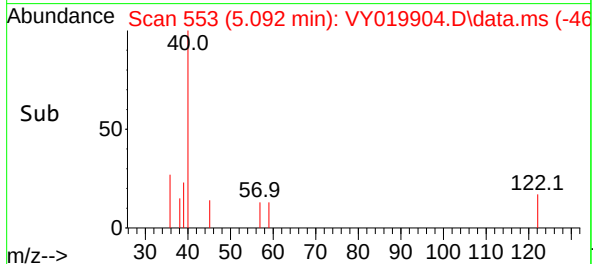
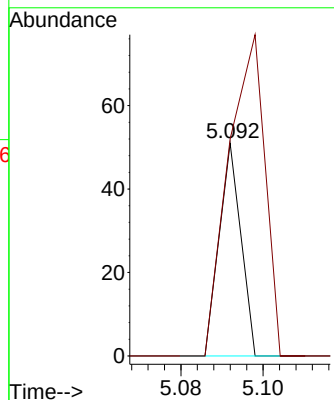
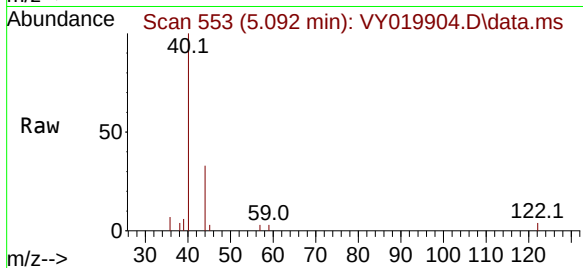
ClientSampleId :

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 247.4 3.0 4.6#



#13

Acrolein

Concen: 12.779 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019904.D

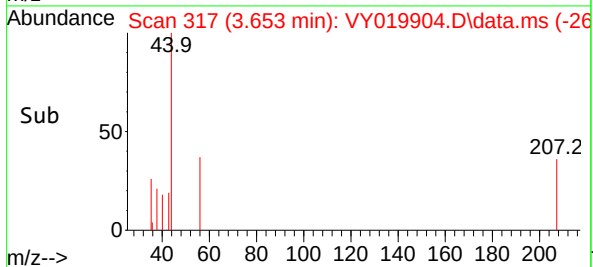
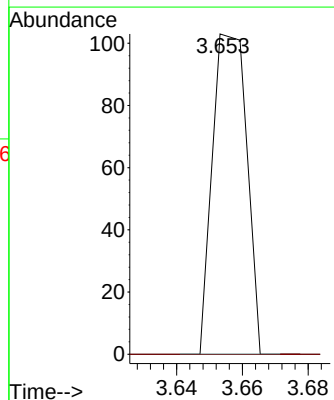
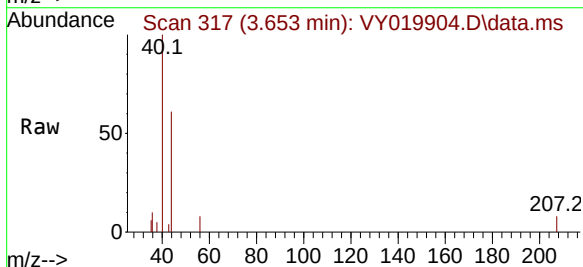
Acq: 15 Oct 2024 15:25

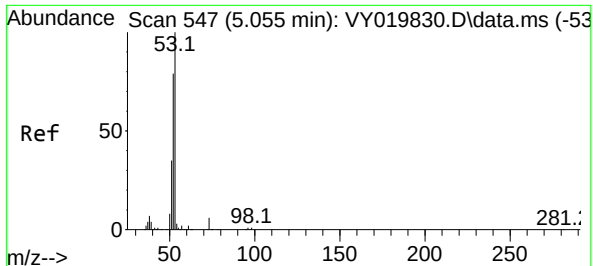
Tgt Ion: 56 Resp: 75

Ion Ratio Lower Upper

56 100

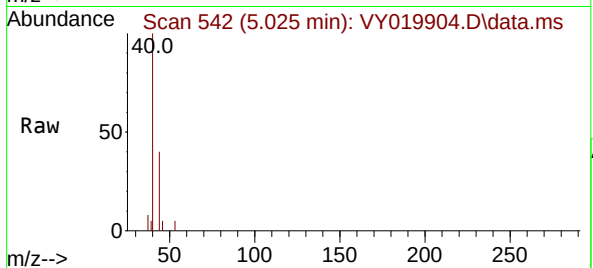
55 0.0 55.7 83.5#



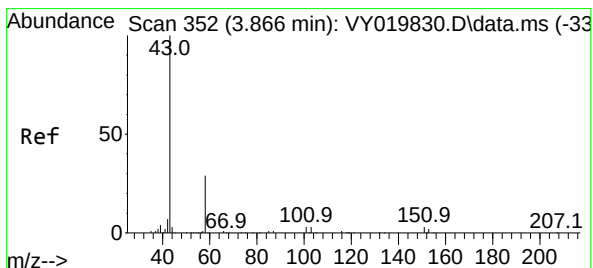
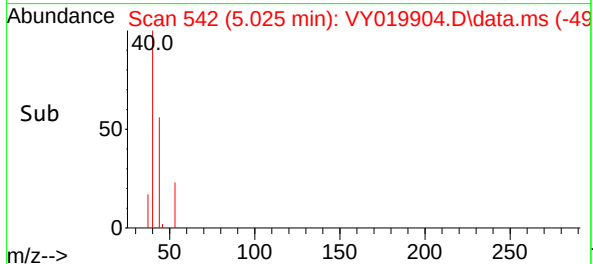
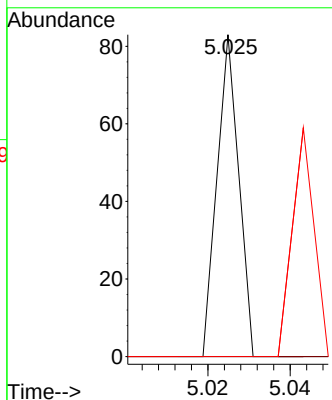


#15
Acrylonitrile
Concen: 1.677 ug/l
RT: 5.025 min Scan# 54
Delta R.T. -0.030 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

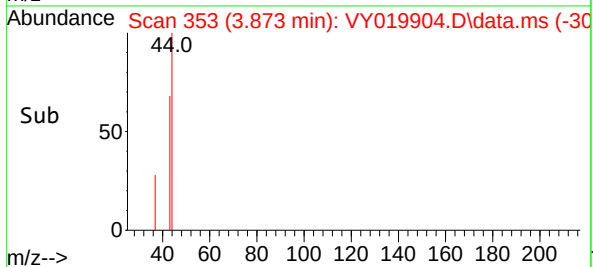
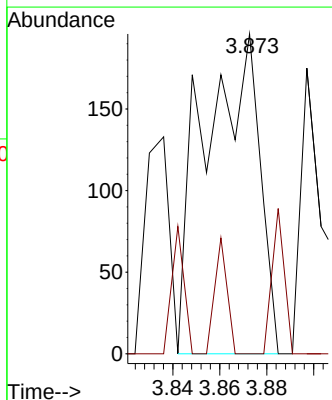
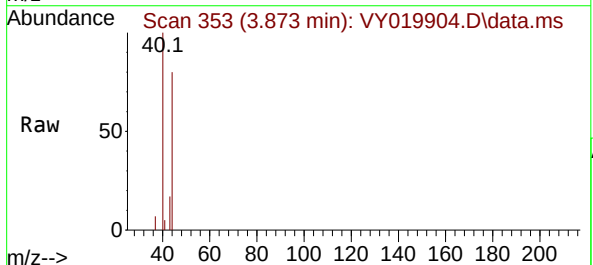


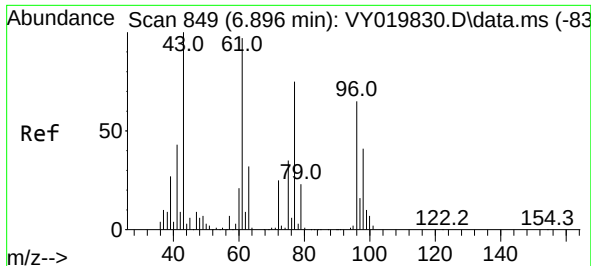
Tgt Ion: 53 Resp: 30
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 73.3 28.4 42.6#



#16
Acetone
Concen: 15.342 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

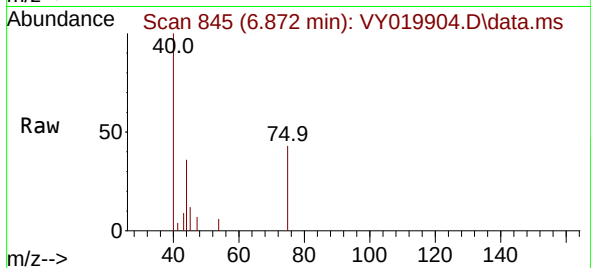
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



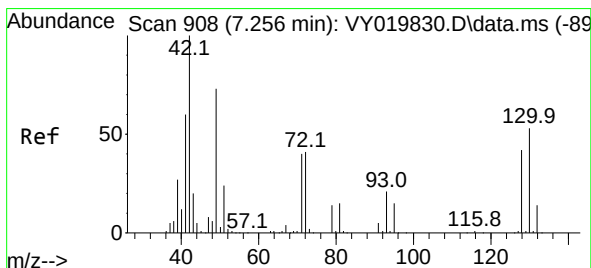
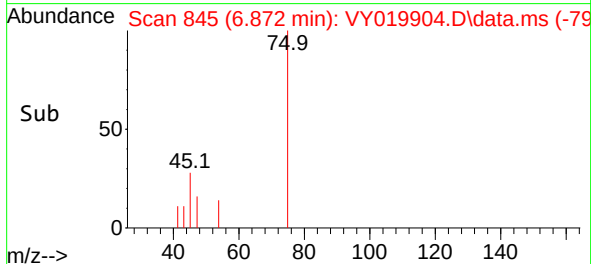
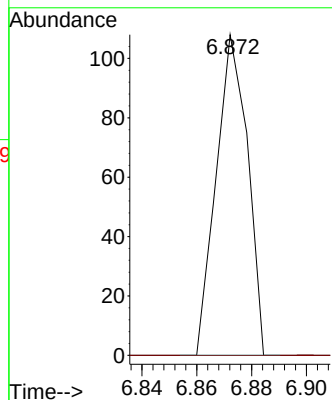


#25
2-Butanone
Concen: 3.090 ug/l
RT: 6.872 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

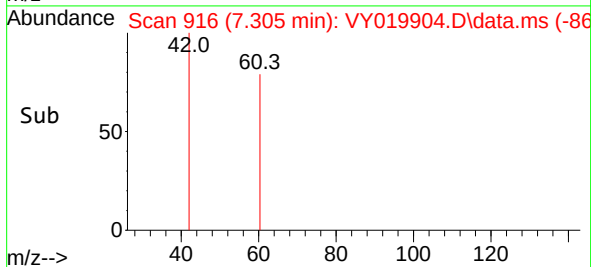
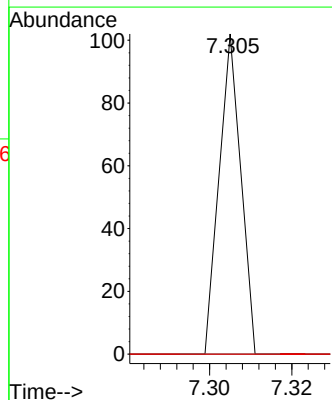
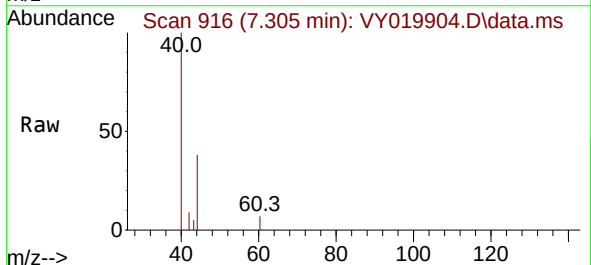


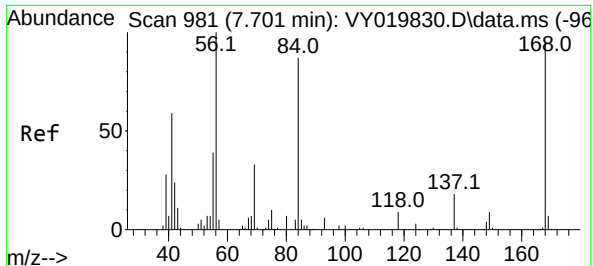
Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#29
Tetrahydrofuran
Concen: 2.328 ug/l
RT: 7.305 min Scan# 916
Delta R.T. 0.043 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

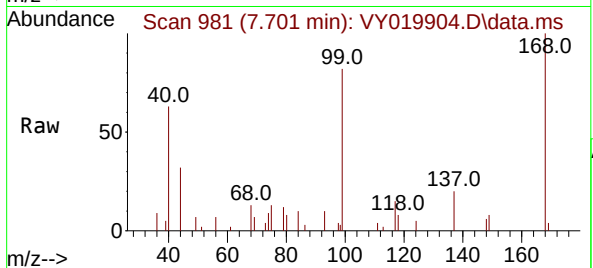
Tgt Ion: 42 Resp: 37
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#



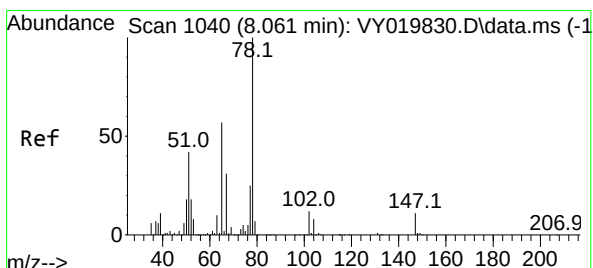
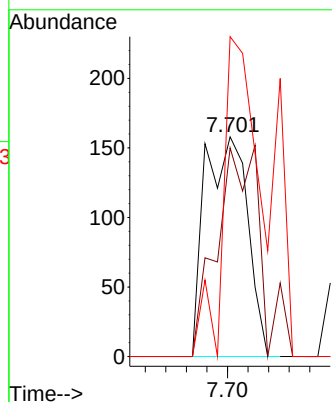
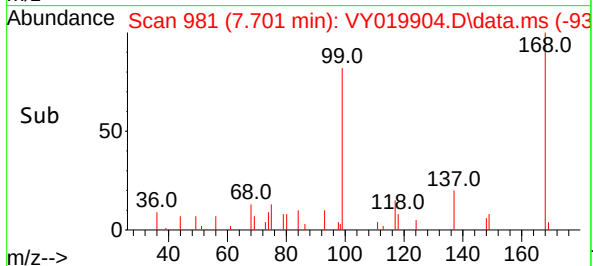


#31
Cyclohexane
Concen: 1.701 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

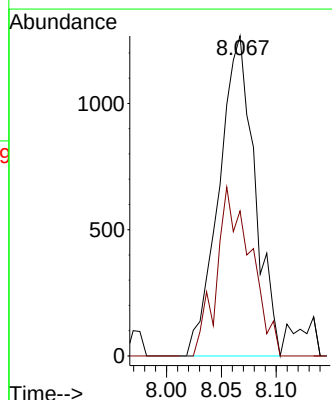
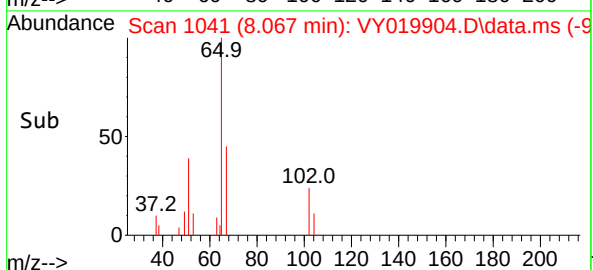
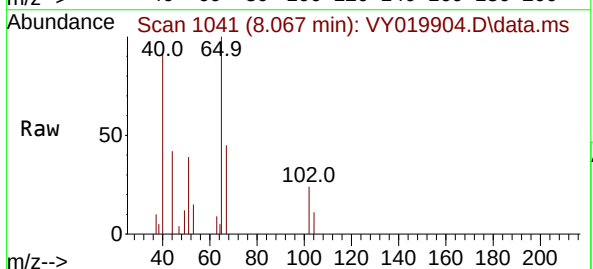


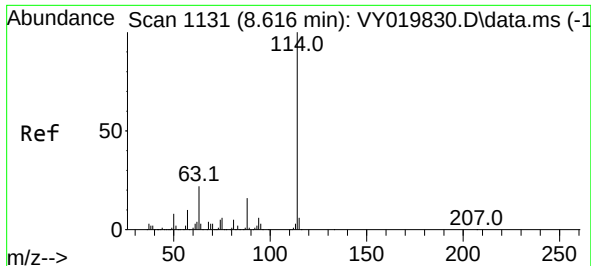
Tgt Ion: 56 Resp: 227
Ion Ratio Lower Upper
56 100
69 94.9 28.7 43.1#
84 145.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 35.856 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 65 Resp: 2864
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

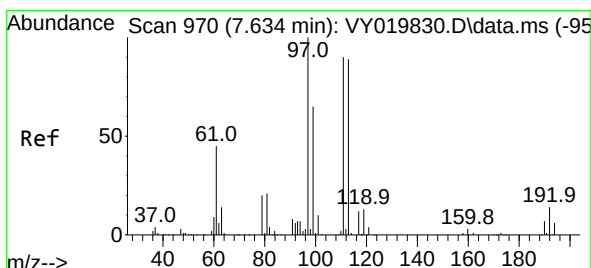
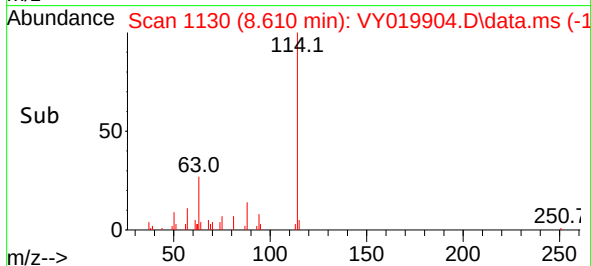
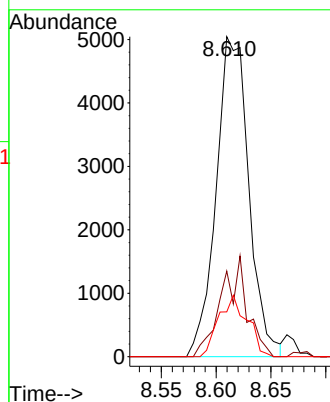
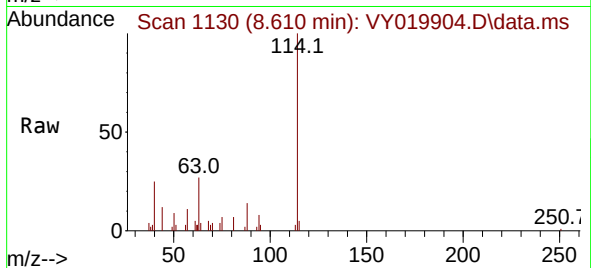
Tgt Ion:114 Resp: 10443

Ion Ratio Lower Upper

114 100

63 26.7 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.669 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

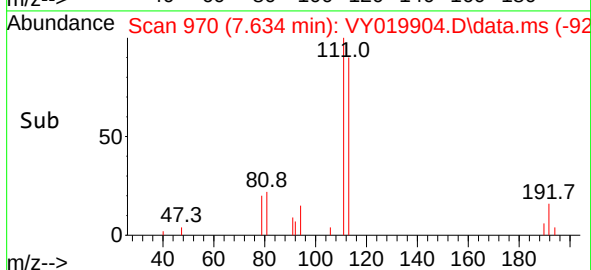
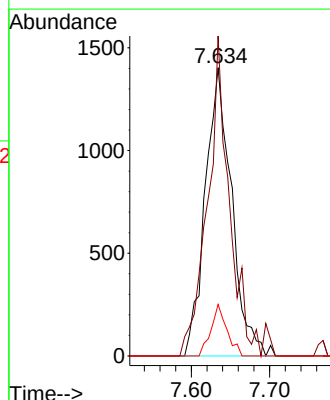
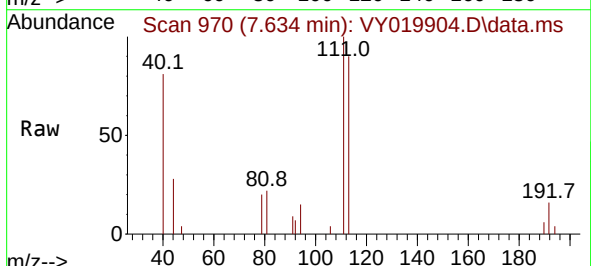
Tgt Ion:113 Resp: 3285

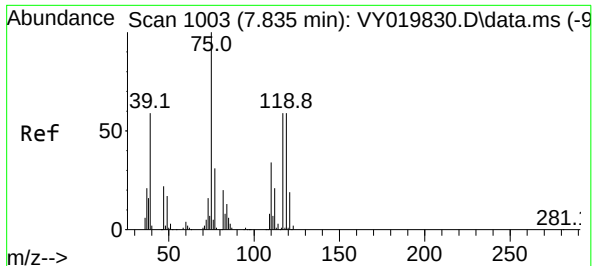
Ion Ratio Lower Upper

113 100

111 89.8 82.2 123.4

192 10.7 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 7.564 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.121 min

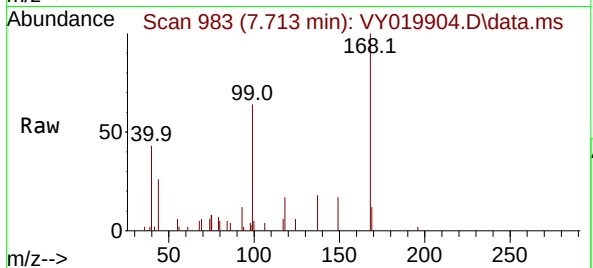
Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :



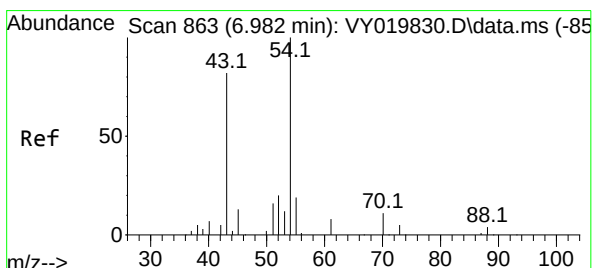
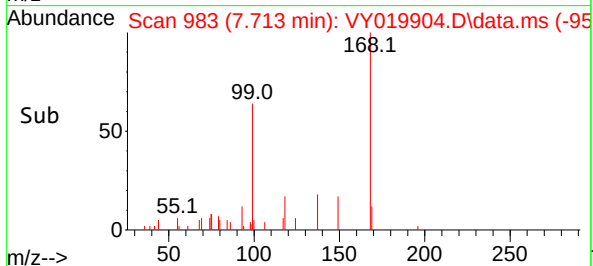
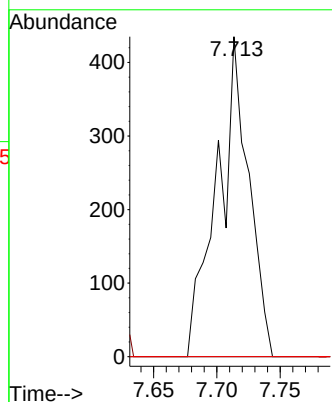
Tgt Ion: 75 Resp: 751

Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 2.183 ug/l

RT: 6.957 min Scan# 859

Delta R.T. -0.024 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

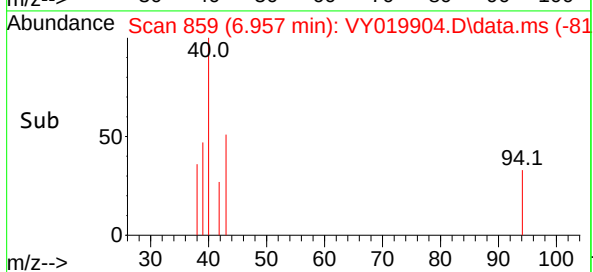
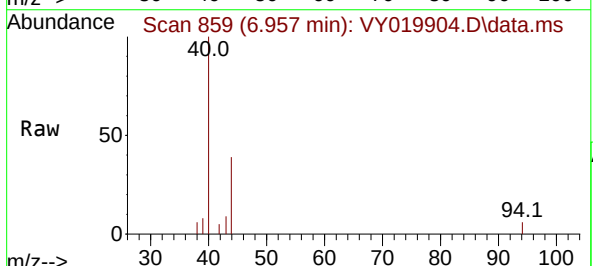
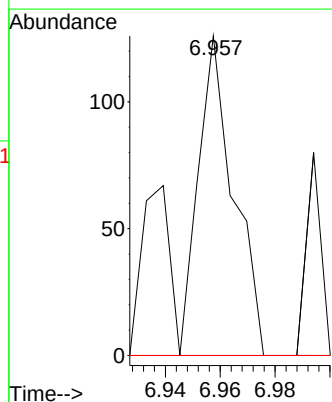
Tgt Ion: 43 Resp: 113

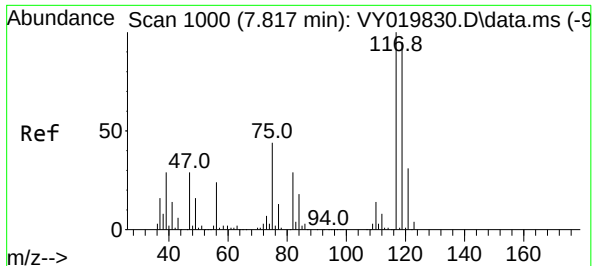
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

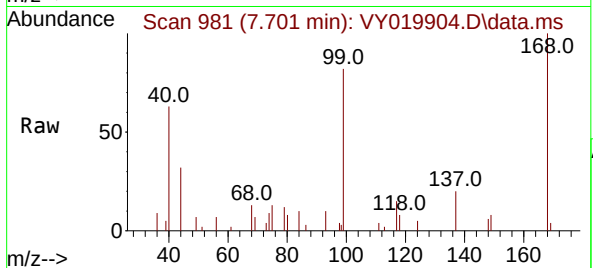
70 0.0 7.8 11.8#



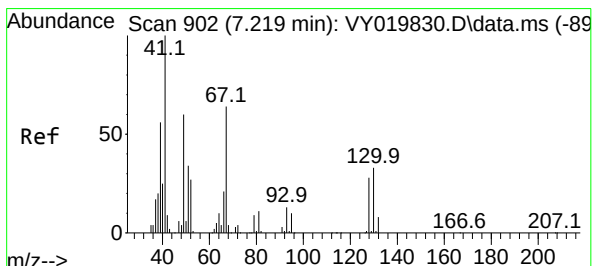
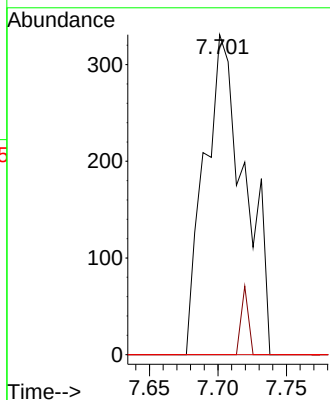
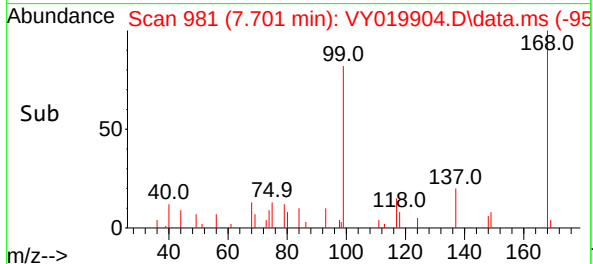


#38
Carbon Tetrachloride
Concen: 6.323 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

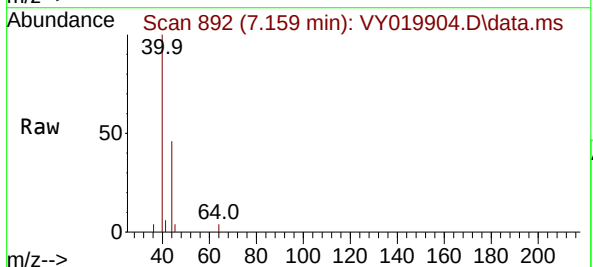
Instrument :
MSVOA_Y
ClientSampleId :



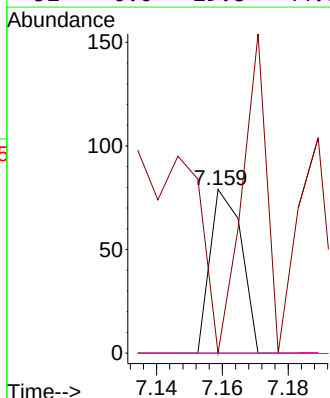
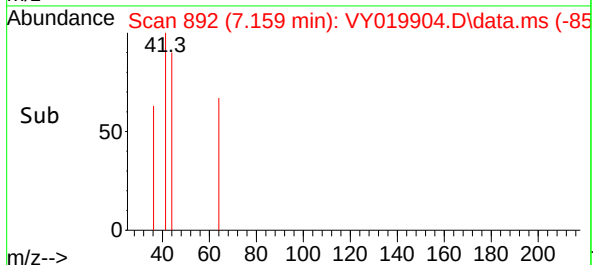
Tgt Ion:117 Resp: 673
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

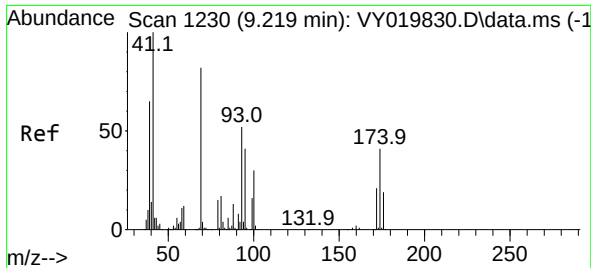


#41
Methacrylonitrile
Concen: 1.892 ug/l
RT: 7.159 min Scan# 892
Delta R.T. -0.061 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25



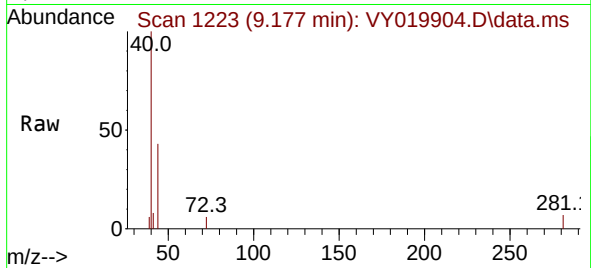
Tgt Ion: 41 Resp: 53
Ion Ratio Lower Upper
41 100
39 147.2 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



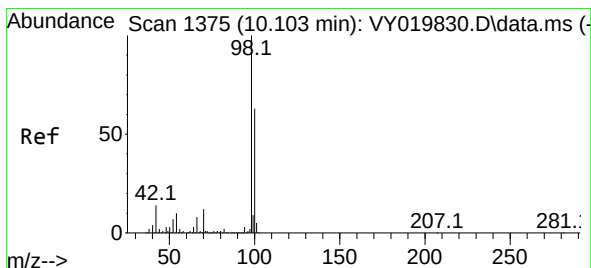
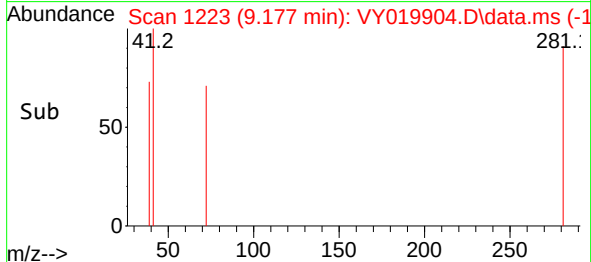
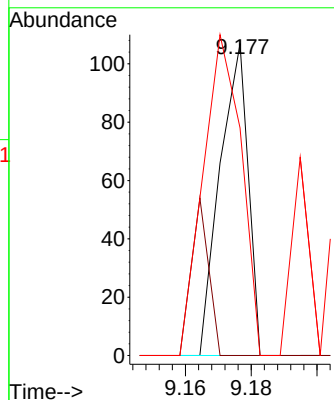


#48
Methyl methacrylate
Concen: 1.357 ug/l
RT: 9.177 min Scan# 11
Delta R.T. -0.042 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

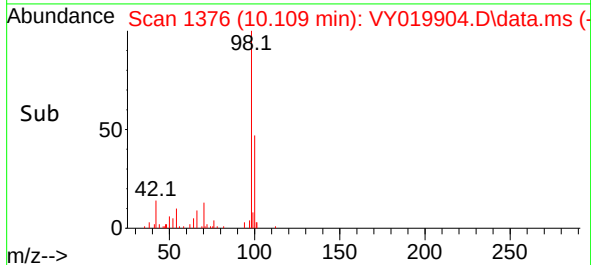
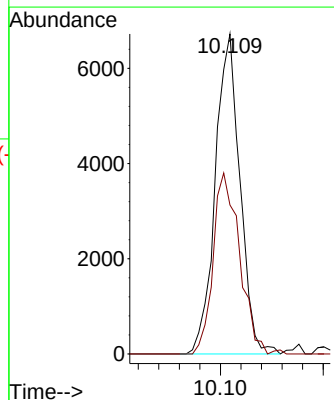
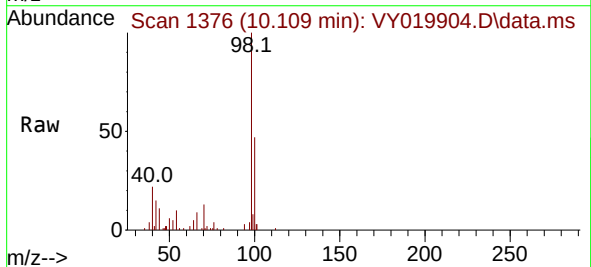


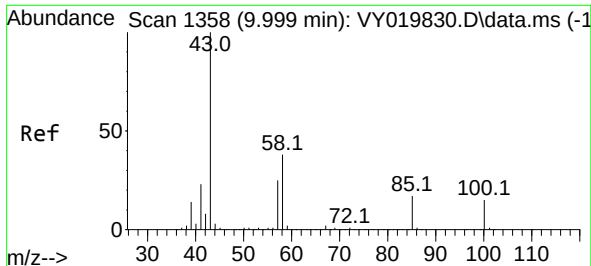
Tgt Ion: 41 Resp: 63
Ion Ratio Lower Upper
41 100
69 31.7 84.1 126.1#
39 141.3 43.6 65.4#



#50
Toluene-d8
Concen: 44.034 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 98 Resp: 11206
Ion Ratio Lower Upper
98 100
100 60.8 52.0 78.0

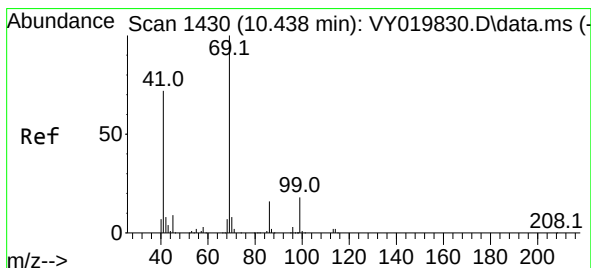
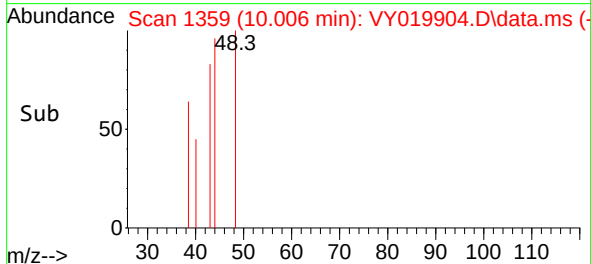
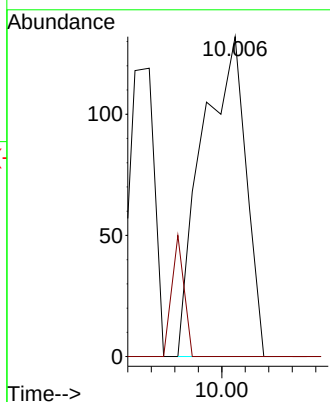
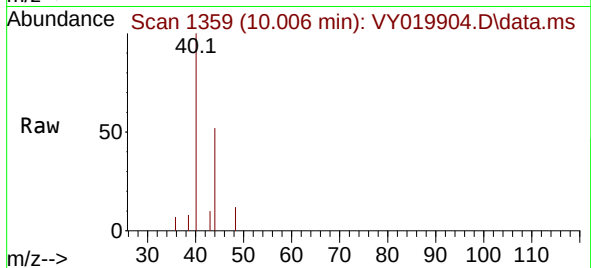




#51
4-Methyl-2-Pentanone
Concen: 3.157 ug/l
RT: 10.006 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

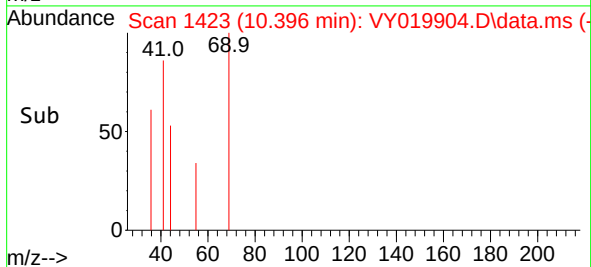
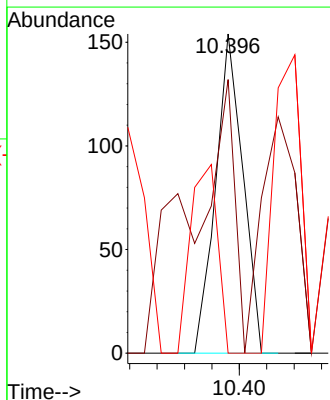
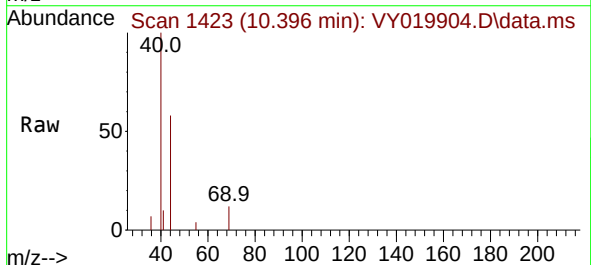
Instrument :
MSVOA_Y
ClientSampleId :

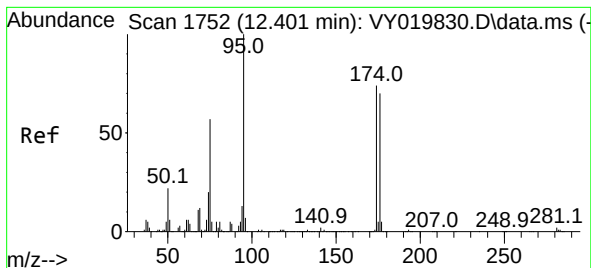
Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#



#56
Ethyl methacrylate
Concen: 1.365 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.042 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 69 Resp: 106
Ion Ratio Lower Upper
69 100
41 138.7 42.3 63.5#
39 59.4 22.9 34.3#

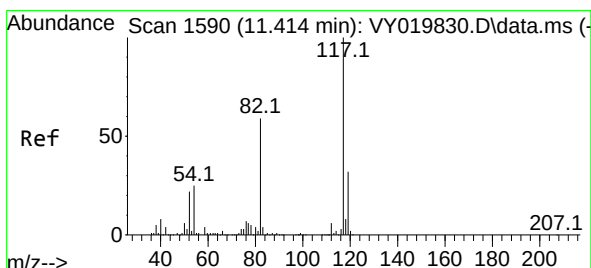
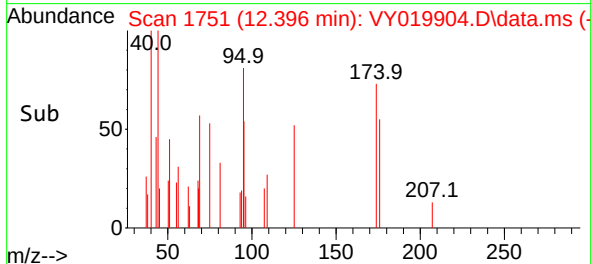
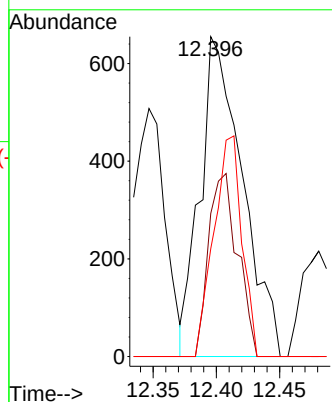
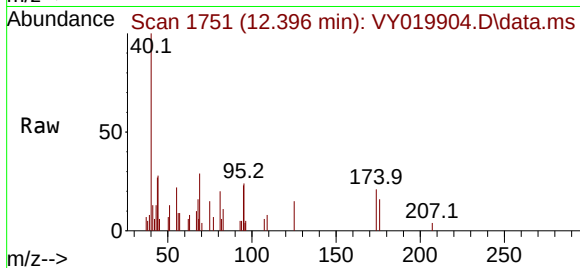




#62
4-Bromofluorobenzene
Concen: 16.563 ug/l
RT: 12.396 min Scan# 1752
Delta R.T. -0.012 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

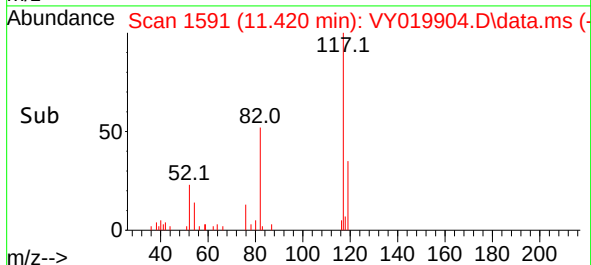
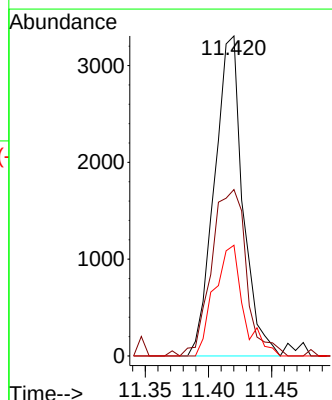
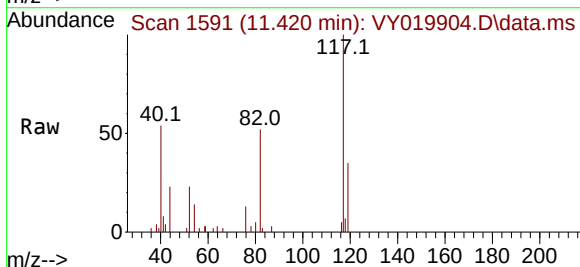
Instrument :
MSVOA_Y
ClientSampleId :

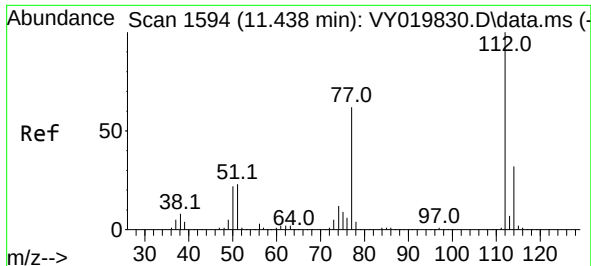
Tgt Ion: 95 Resp: 1523
Ion Ratio Lower Upper
95 100
174 39.1 0.0 175.6
176 45.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 117 Resp: 5169
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 34.6 25.9 38.9

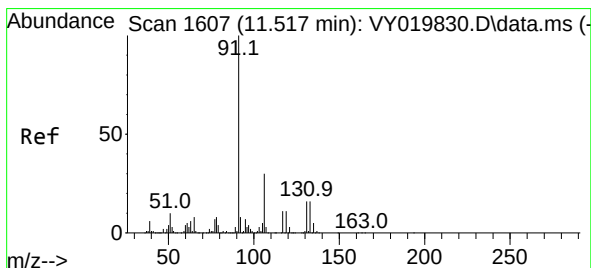
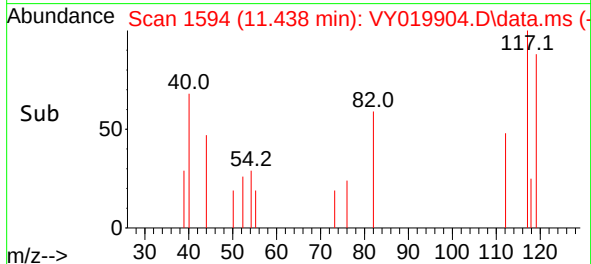
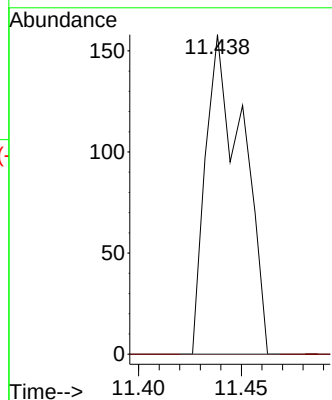
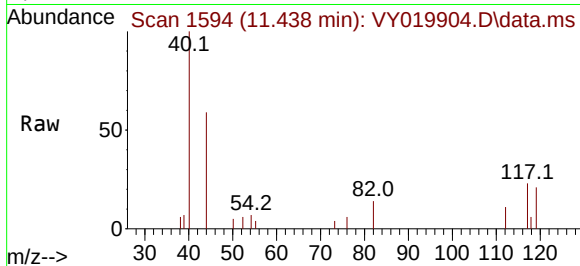




#65
Chlorobenzene
Concen: 1.683 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

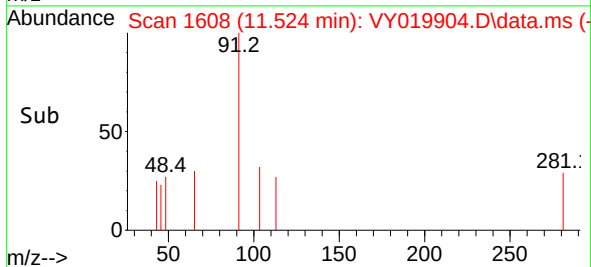
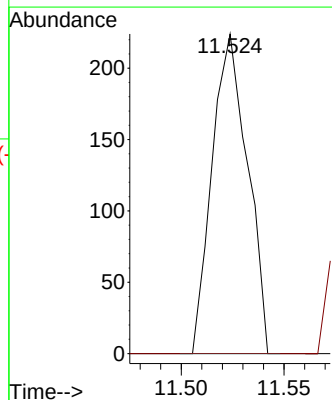
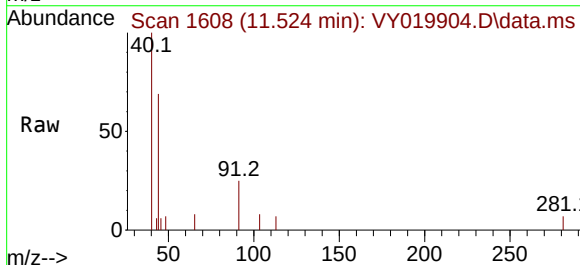
Instrument :
MSVOA_Y
ClientSampleId :

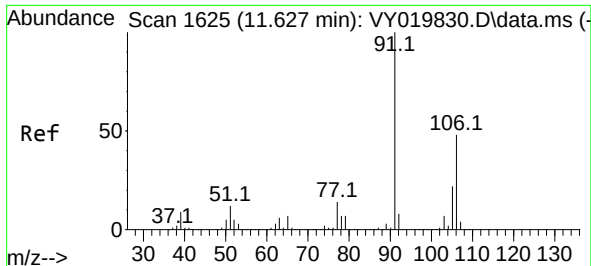
Tgt Ion:112 Resp: 199
Ion Ratio Lower Upper
112 100
114 0.0 26.4 39.6#



#67
Ethyl Benzene
Concen: 1.248 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 91 Resp: 268
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#

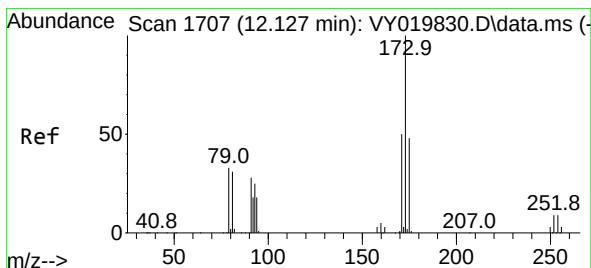
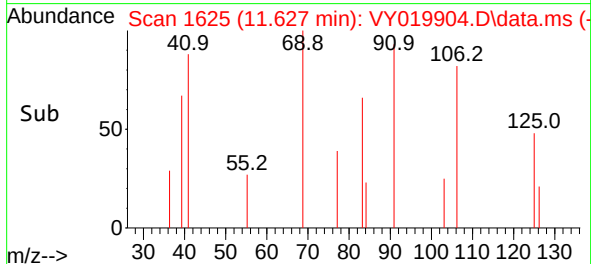
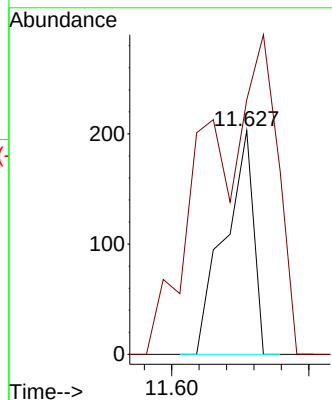
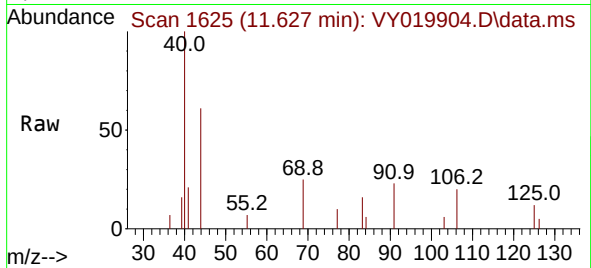




#68
m/p-Xylenes
Concen: 1.879 ug/l
RT: 11.627 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

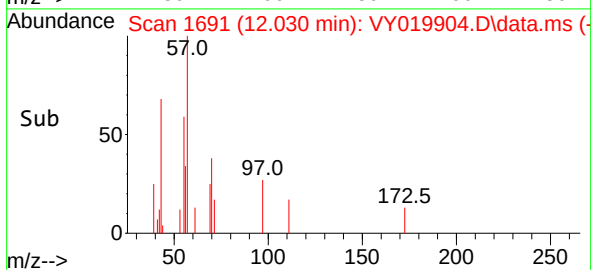
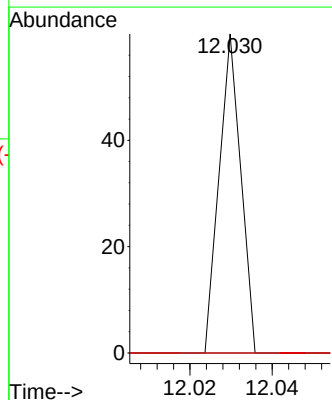
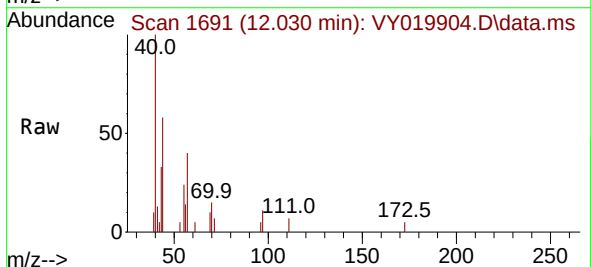
Instrument :
MSVOA_Y
ClientSampleId :

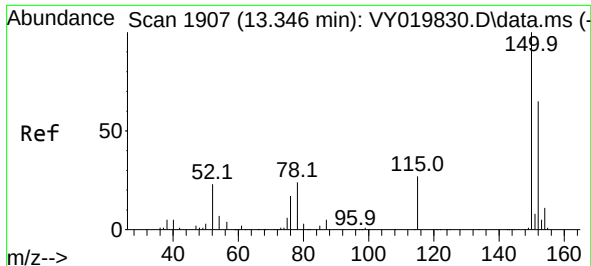
Tgt Ion:106 Resp: 149
Ion Ratio Lower Upper
106 100
91 334.2 156.0 234.0#



#71
Bromoform
Concen: 1.027 ug/l
RT: 12.030 min Scan# 1691
Delta R.T. -0.103 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion:173 Resp: 22
Ion Ratio Lower Upper
173 100
175 0.0 25.1 75.3#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

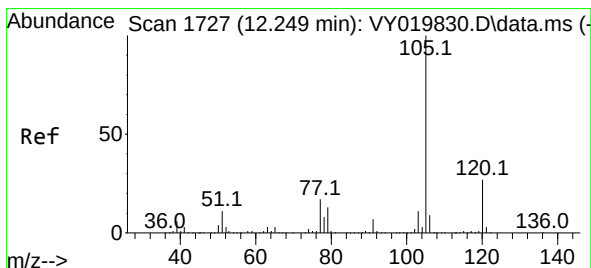
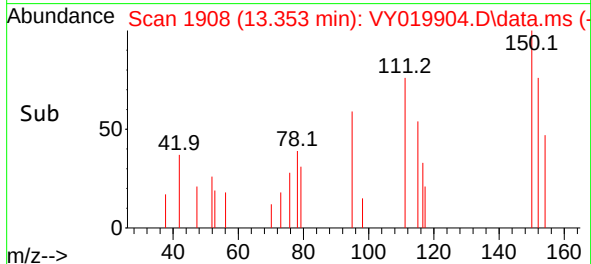
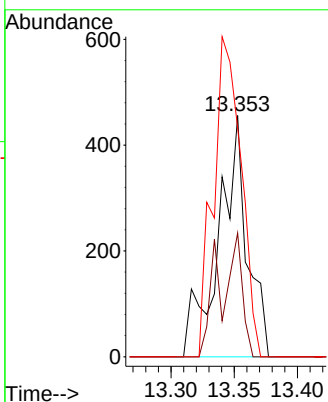
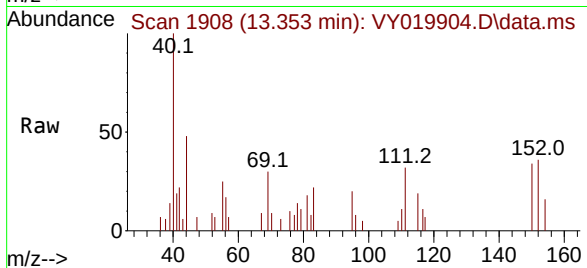
Tgt Ion:152 Resp: 712

Ion Ratio Lower Upper

152 100

115 23.3 28.2 84.7#

150 0.0 0.0 345.6



#73

Isopropylbenzene

Concen: 3.657 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019904.D

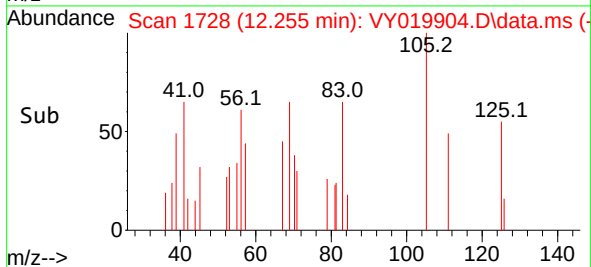
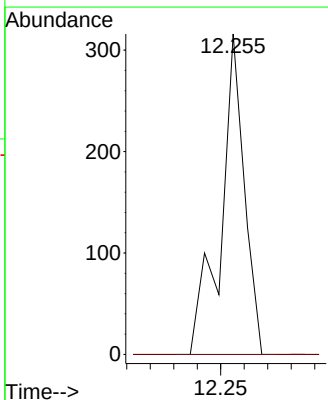
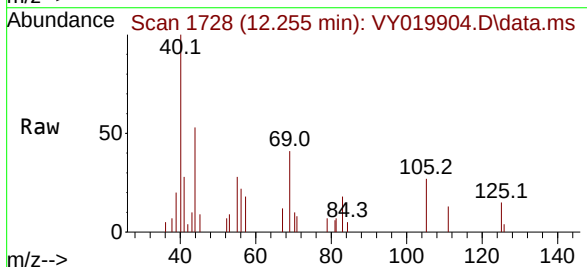
Acq: 15 Oct 2024 15:25

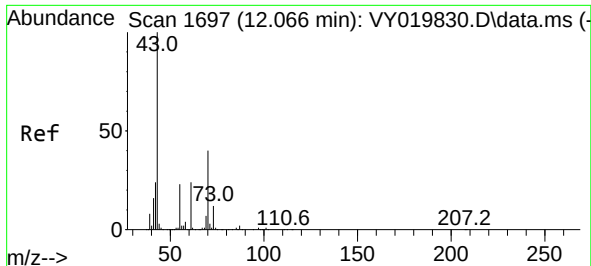
Tgt Ion:105 Resp: 219

Ion Ratio Lower Upper

105 100

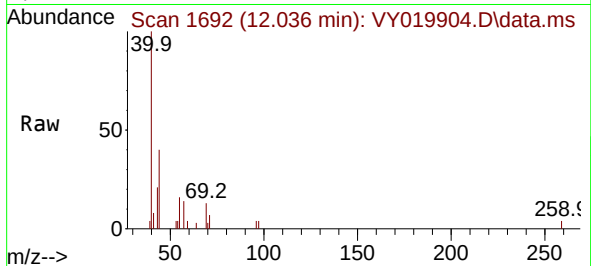
120 0.0 13.4 40.1#



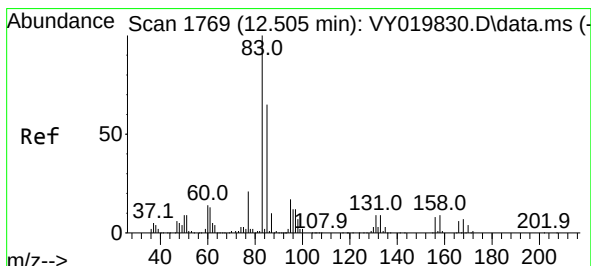
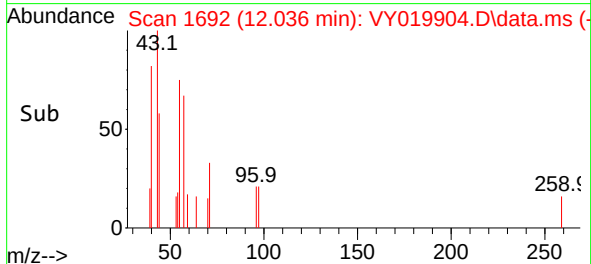
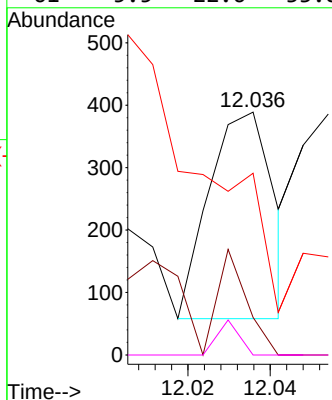


#74
N-amy1 acetate
Concen: 22.822 ug/l
RT: 12.036 min Scan# 1692
Delta R.T. -0.036 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

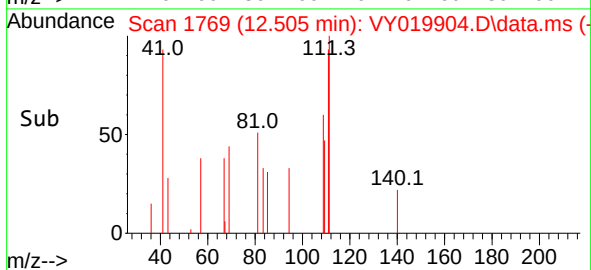
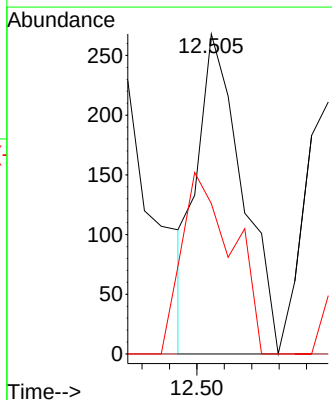
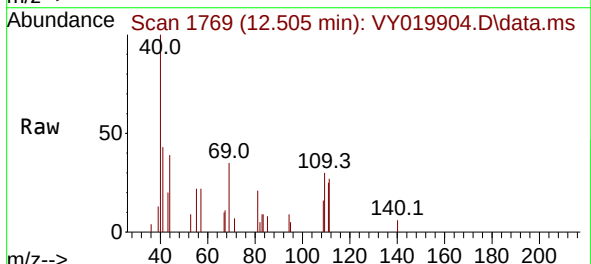


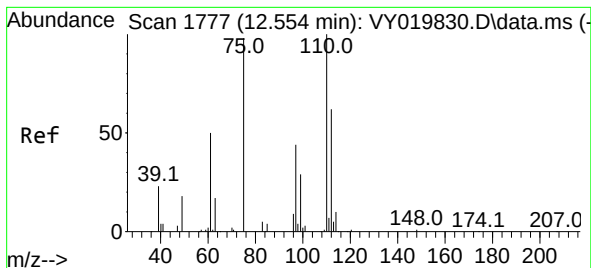
Tgt Ion: 43	Resp: 362
Ion Ratio	Lower Upper
43 100	
70 23.2	41.4 62.2#
55 0.0	23.3 34.9#
61 5.5	22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 28.755 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 83	Resp: 306
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 14.9#
85 64.1	32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 7.169 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. -0.012 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

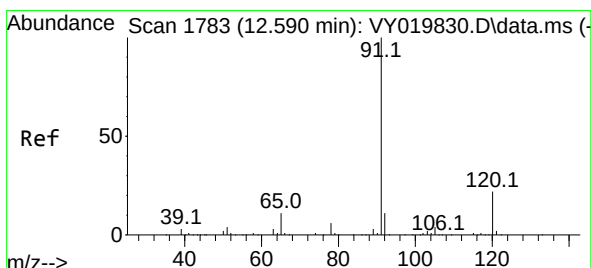
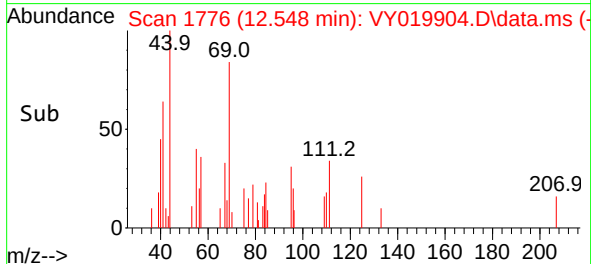
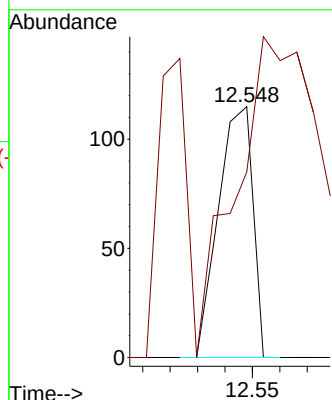
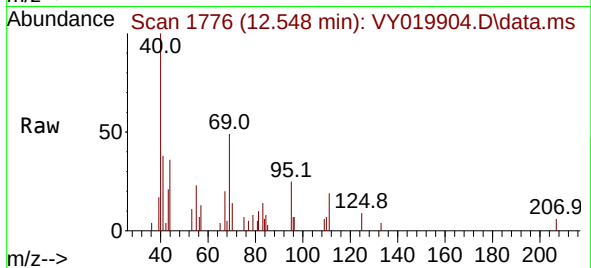
ClientSampleId :

Tgt Ion: 75 Resp: 100

Ion Ratio Lower Upper

75 100

77 329.0 0.0 0.0#



#78

n-propylbenzene

Concen: 1.824 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019904.D

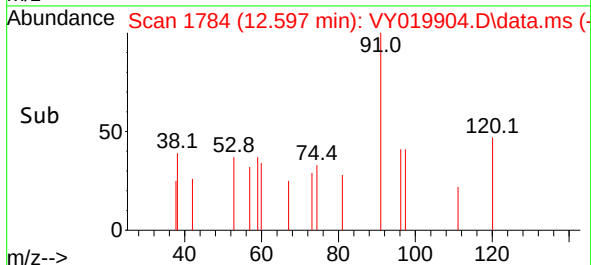
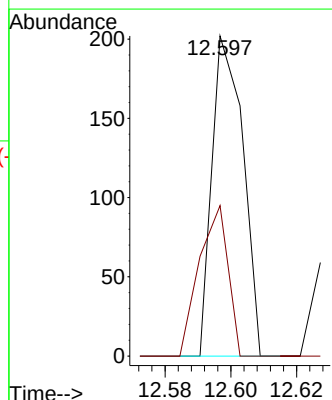
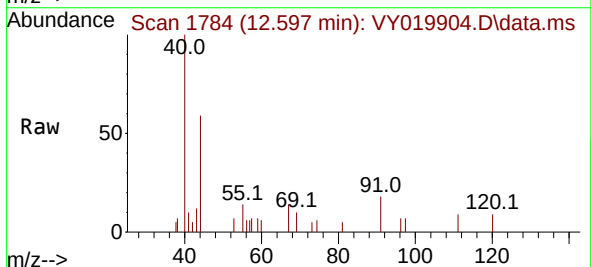
Acq: 15 Oct 2024 15:25

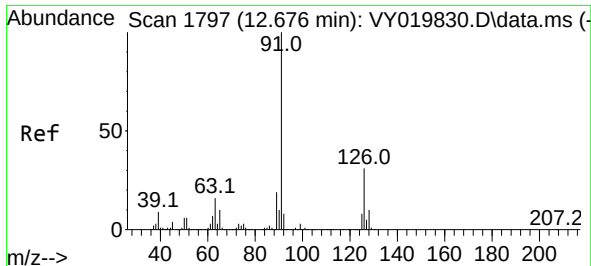
Tgt Ion: 91 Resp: 132

Ion Ratio Lower Upper

91 100

120 43.9 11.5 34.4#





#79

2-Chlorotoluene

Concen: 5.881 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.049 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

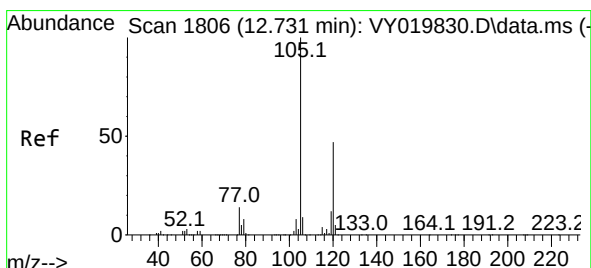
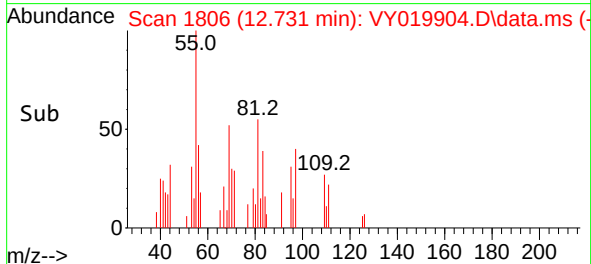
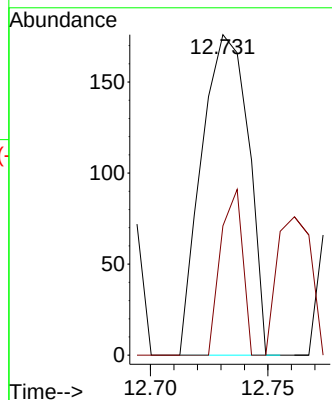
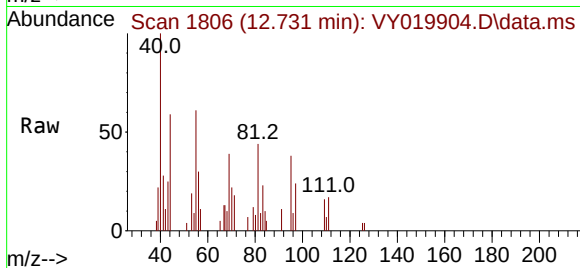
ClientSampleId :

Tgt Ion: 91 Resp: 244

Ion Ratio Lower Upper

91 100

126 24.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 2.626 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.007 min

Lab File: VY019904.D

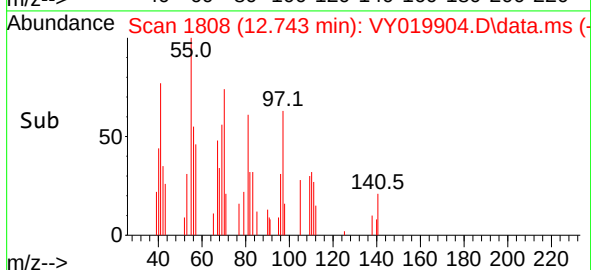
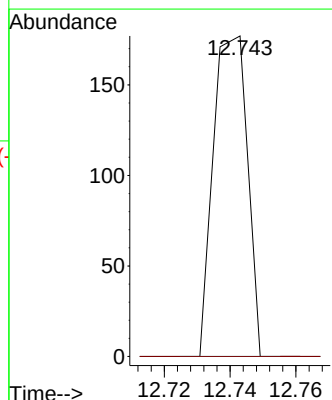
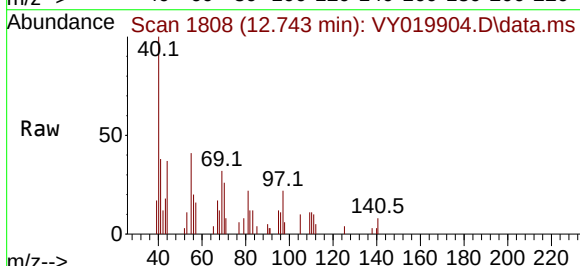
Acq: 15 Oct 2024 15:25

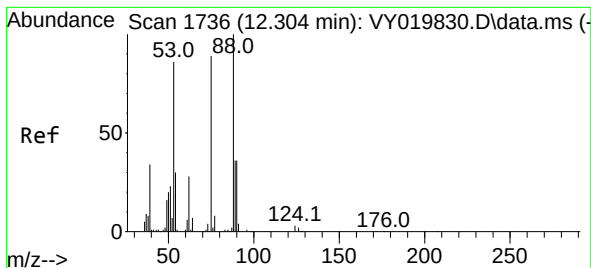
Tgt Ion: 105 Resp: 127

Ion Ratio Lower Upper

105 100

120 0.0 25.1 75.2#

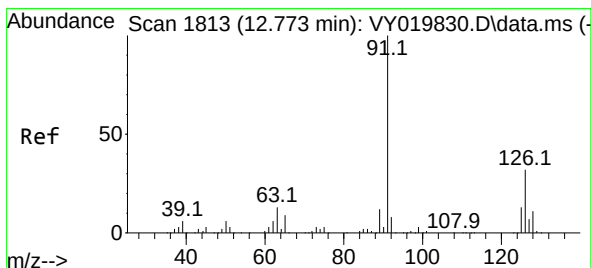
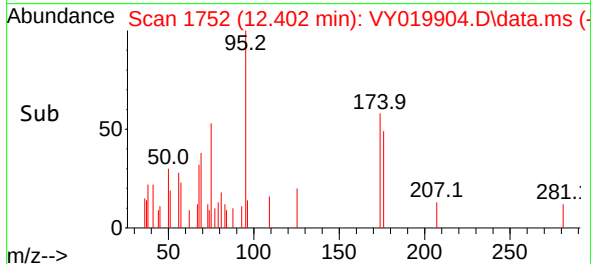
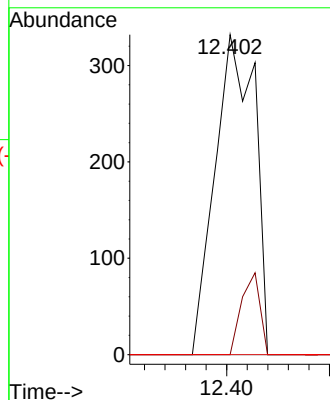
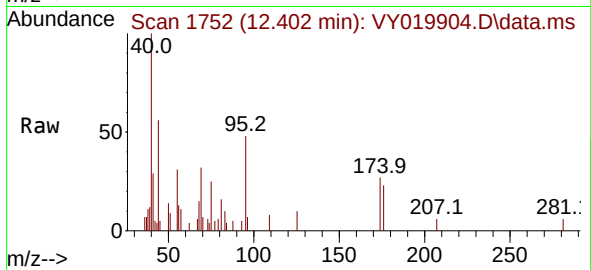




#81
trans-1,4-Dichloro-2-butene
Concen: 128.777 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

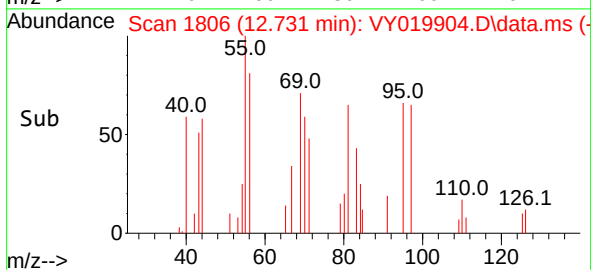
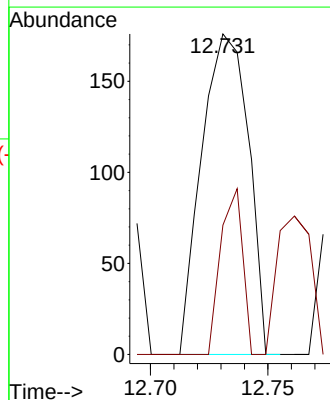
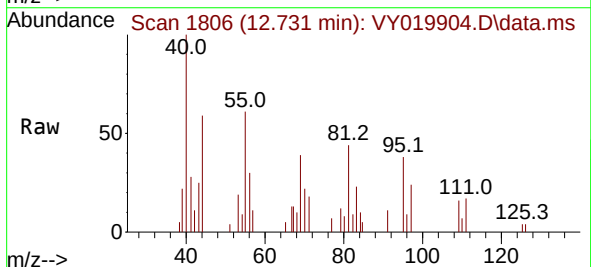
Instrument :
MSVOA_Y
ClientSampleId :

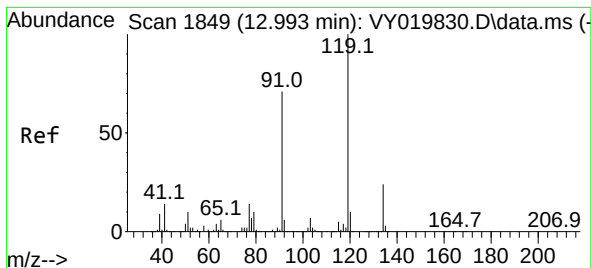
Tgt Ion: 75 Resp: 445
Ion Ratio Lower Upper
75 100
53 11.9 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 5.752 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.048 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 91 Resp: 244
Ion Ratio Lower Upper
91 100
126 24.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 6.301 ug/l

RT: 12.999 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

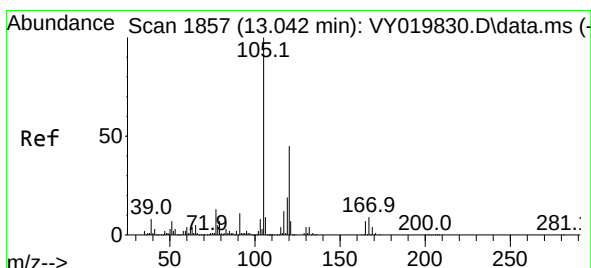
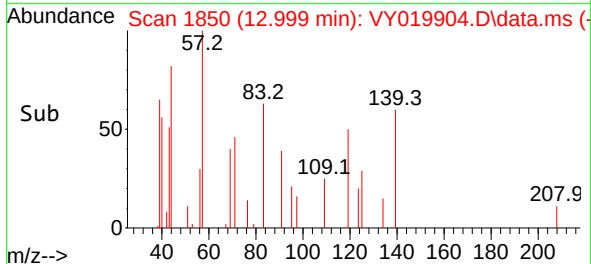
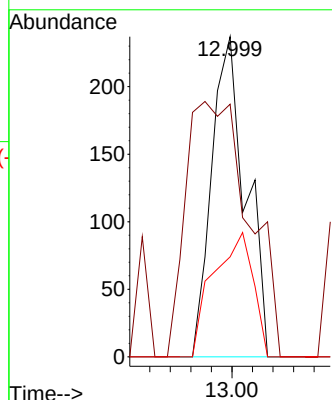
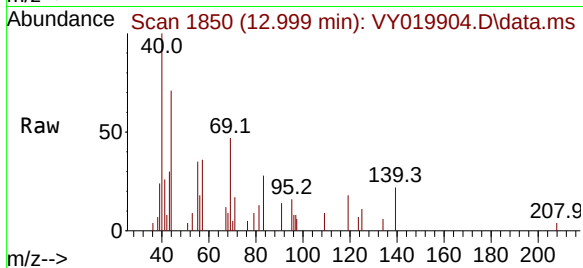
Tgt Ion:119 Resp: 273

Ion Ratio Lower Upper

119 100

91 147.6 31.3 93.8#

134 45.4 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 8.821 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.122 min

Lab File: VY019904.D

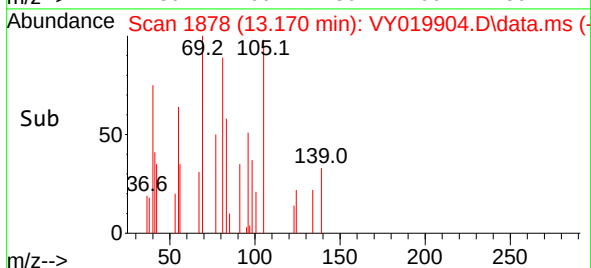
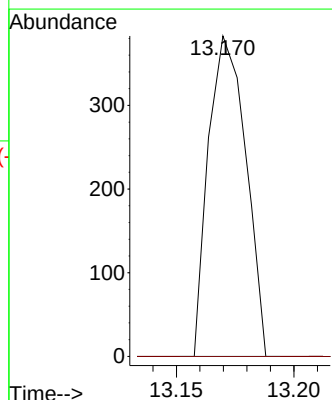
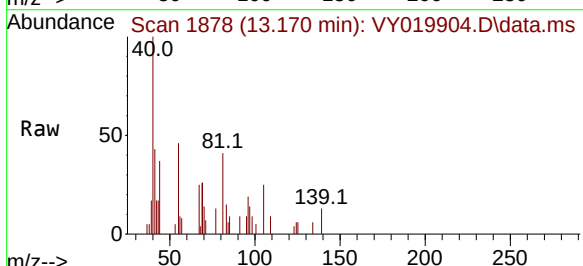
Acq: 15 Oct 2024 15:25

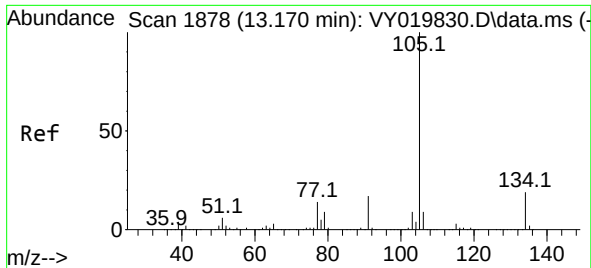
Tgt Ion:105 Resp: 423

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#

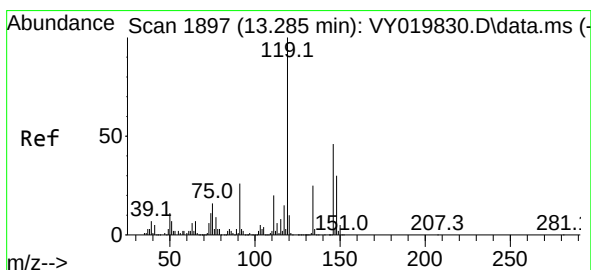
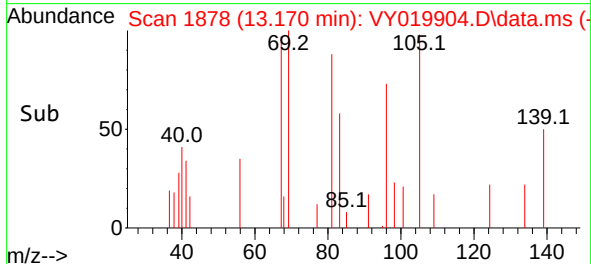
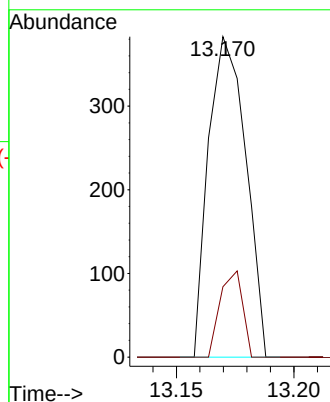
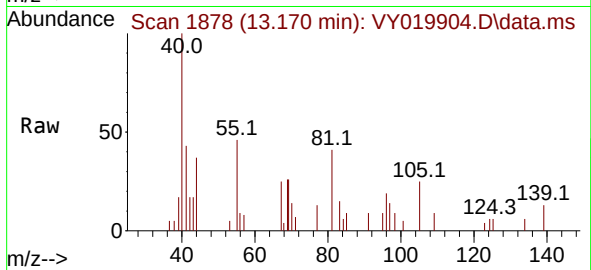




#85
 sec-Butylbenzene
 Concen: 6.534 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY019904.D
 Acq: 15 Oct 2024 15:25

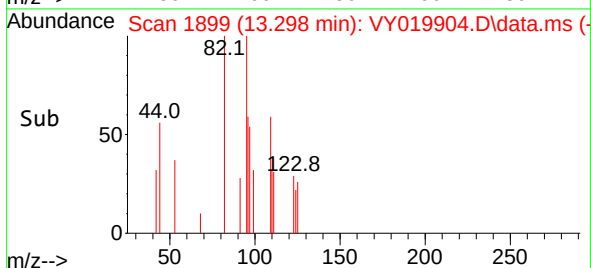
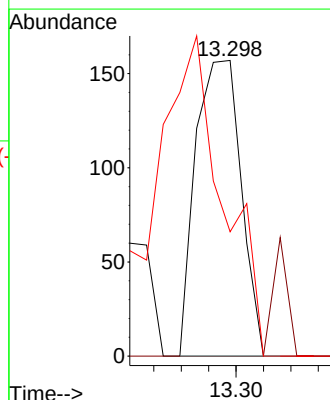
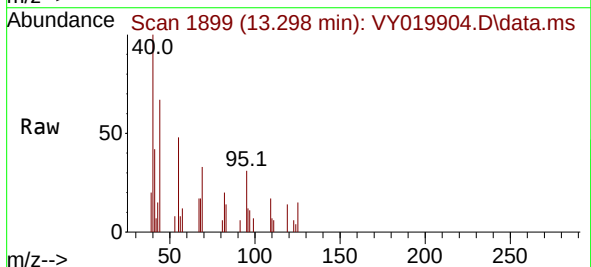
Instrument :
 MSVOA_Y
 ClientSampleId :

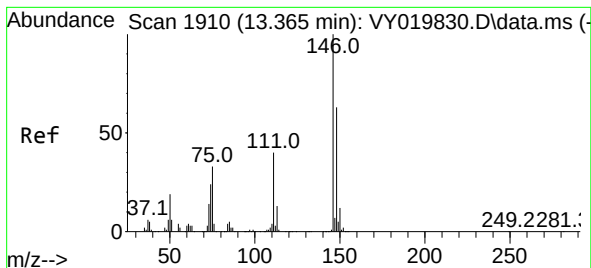
Tgt Ion:105 Resp: 423
 Ion Ratio Lower Upper
 105 100
 134 16.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 3.443 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.007 min
 Lab File: VY019904.D
 Acq: 15 Oct 2024 15:25

Tgt Ion:119 Resp: 181
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.3#
 91 157.5 10.7 32.1#





#88

1,4-Dichlorobenzene

Concen: 9.559 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019904.D

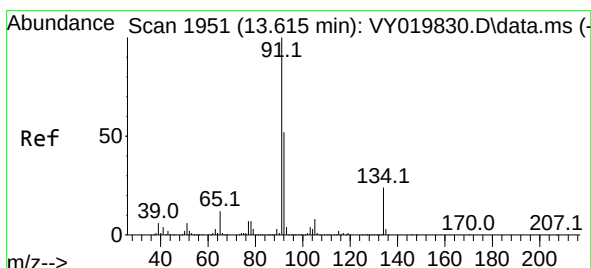
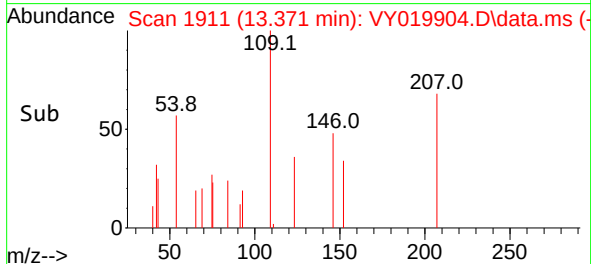
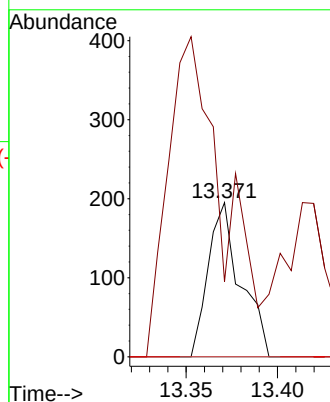
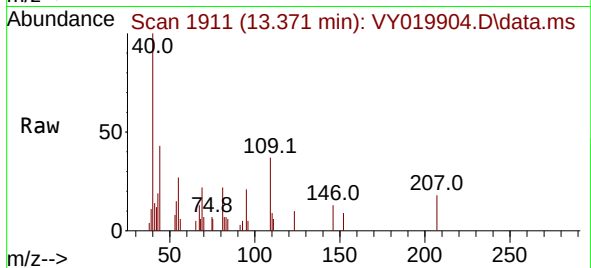
Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	241
Ion	Ratio	Lower	Upper
146	100		
111	348.5	18.4	55.4#
148	0.0	32.4	97.2#



#89

n-Butylbenzene

Concen: 6.507 ug/l

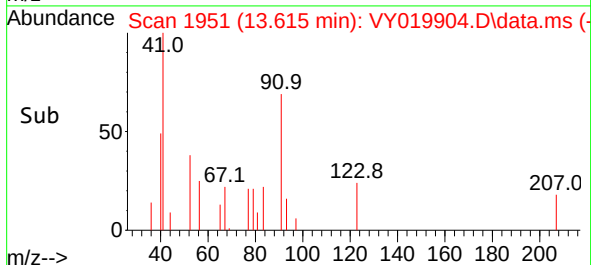
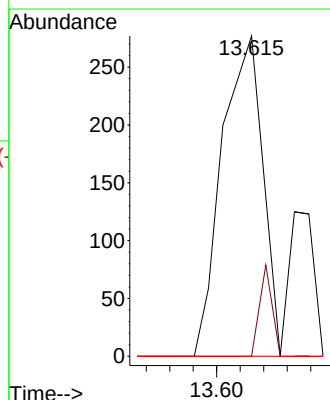
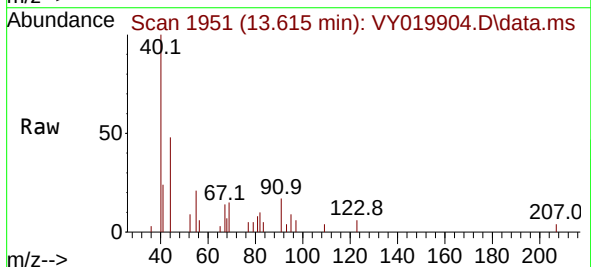
RT: 13.615 min Scan# 1951

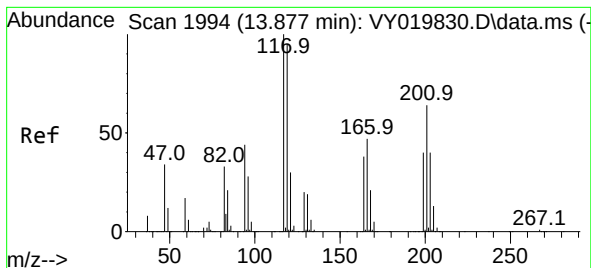
Delta R.T. -0.006 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Tgt Ion:	91	Resp:	334
Ion	Ratio	Lower	Upper
91	100		
92	8.7	26.6	79.7#
134	0.0	12.9	38.7#





#90

Hexachloroethane

Concen: 14.850 ug/l

RT: 13.993 min Scan# 201

Delta R.T. 0.110 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

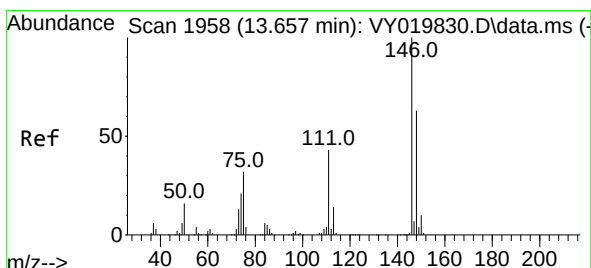
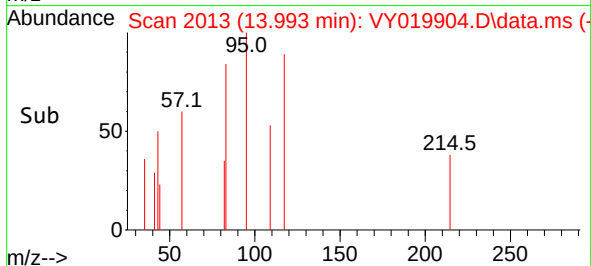
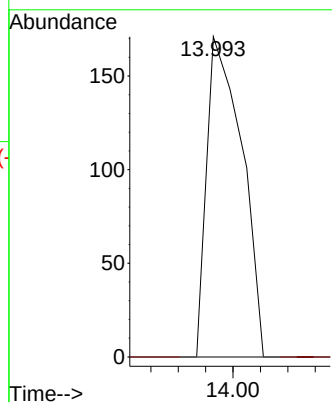
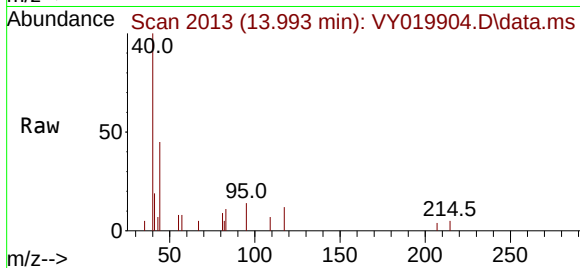
ClientSampleId :

Tgt Ion:117 Resp: 152

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#91

1,2-Dichlorobenzene

Concen: 2.350 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

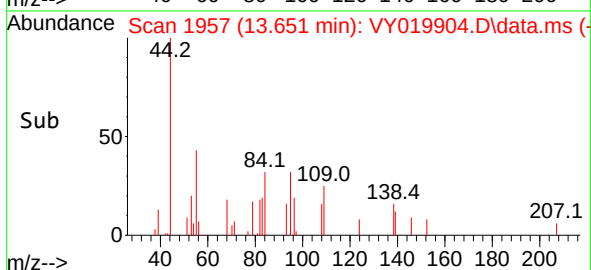
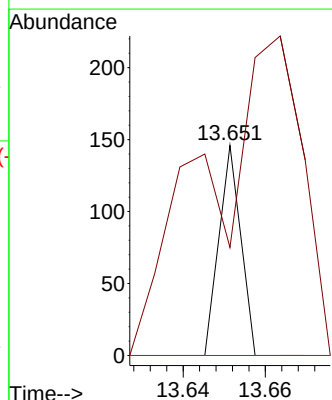
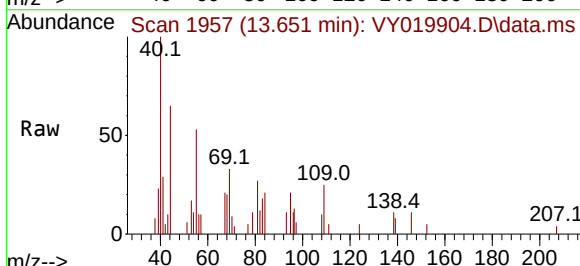
Tgt Ion:146 Resp: 53

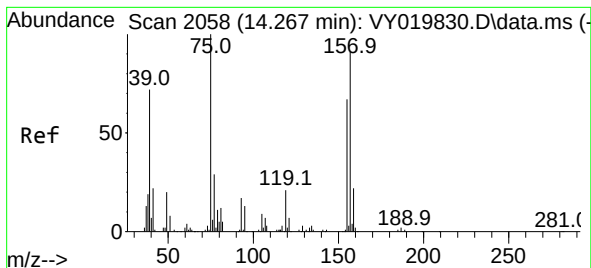
Ion Ratio Lower Upper

146 100

111 667.9 19.9 59.7#

148 0.0 31.8 95.4#

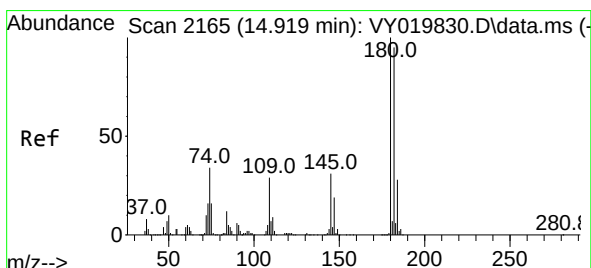
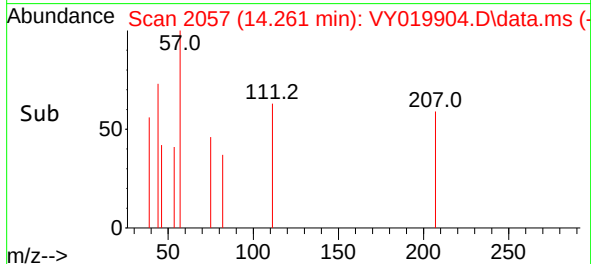
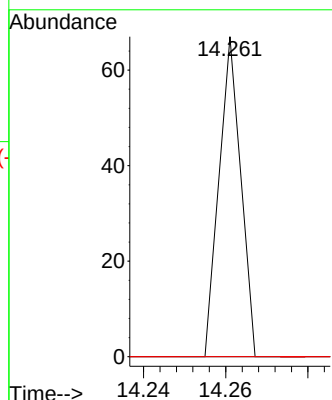
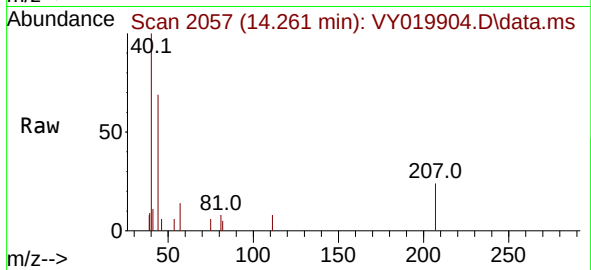




#92
1,2-Dibromo-3-Chloropropane
Concen: 14.721 ug/l
RT: 14.261 min Scan# 2057
Delta R.T. -0.012 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

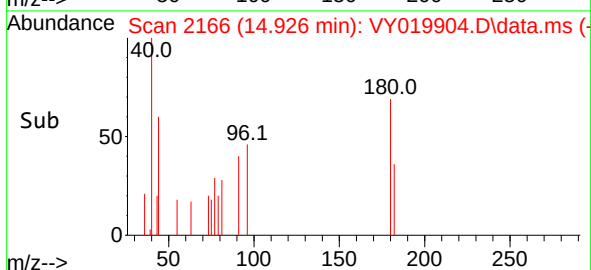
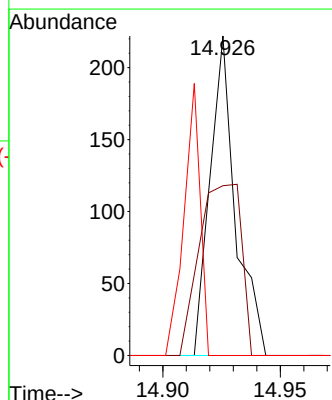
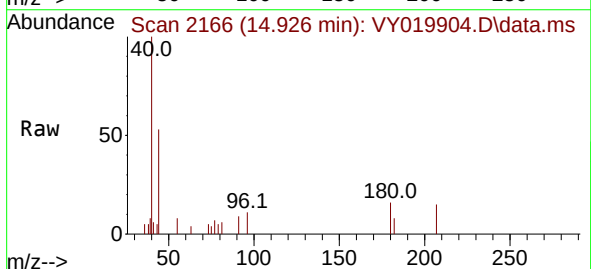
Instrument :
MSVOA_Y
ClientSampleId :

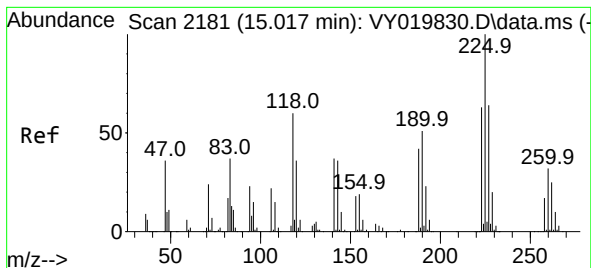
Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



#93
1,2,4-Trichlorobenzene
Concen: 13.207 ug/l
RT: 14.926 min Scan# 2166
Delta R.T. 0.007 min
Lab File: VY019904.D
Acq: 15 Oct 2024 15:25

Tgt Ion: 180 Resp: 167
Ion Ratio Lower Upper
180 100
182 88.6 47.9 143.8
145 54.5 14.2 42.6#





#94

Hexachlorobutadiene

Concen: 16.074 ug/l

RT: 15.035 min Scan# 21

Delta R.T. 0.013 min

Lab File: VY019904.D

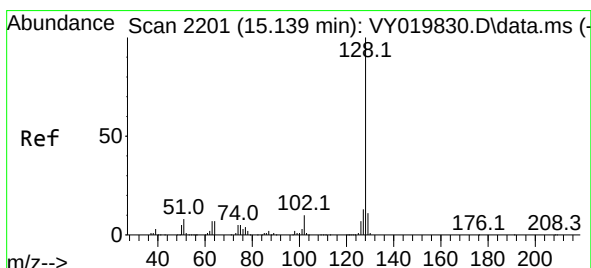
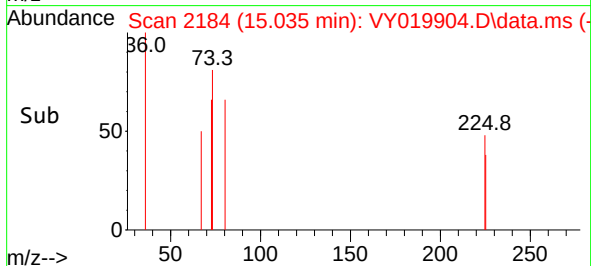
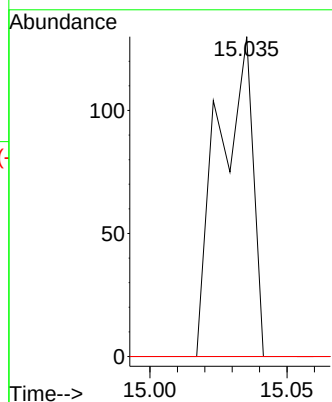
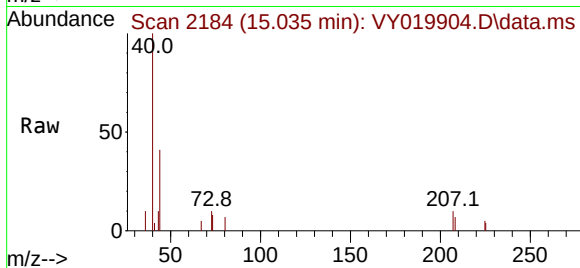
Acq: 15 Oct 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:225	Resp:	113
Ion Ratio	Lower	Upper
225	100	
223	0.0	30.4 91.2#
227	0.0	31.9 95.9#



#95

Naphthalene

Concen: 26.962 ug/l

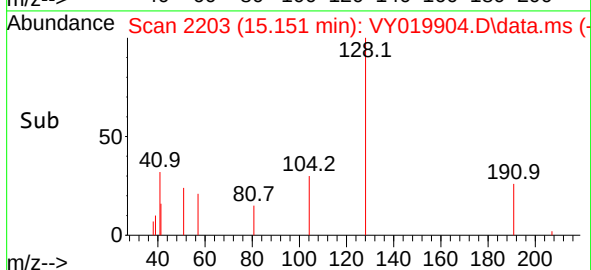
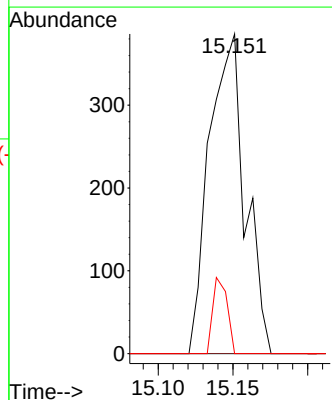
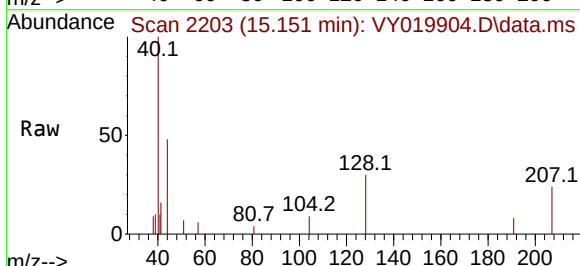
RT: 15.151 min Scan# 2203

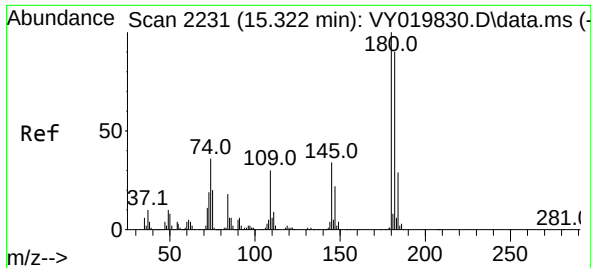
Delta R.T. 0.007 min

Lab File: VY019904.D

Acq: 15 Oct 2024 15:25

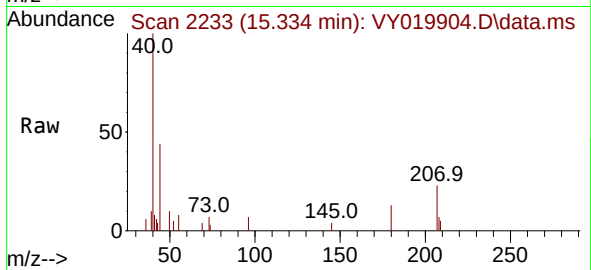
Tgt Ion:128	Resp:	643
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.6 16.0#
129	9.5	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 22.547 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VY019904.D
 Acq: 15 Oct 2024 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	72.2	47.6	142.9
145	9.1	15.4	46.1

