

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\Not Reviewed Data\
 Data File : VY011390.D
 Acq On : 10 Nov 2022 15:08
 Operator : KP/MD
 Sample : N5436-07RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-07RE

Quant Time: Nov 10 19:18:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

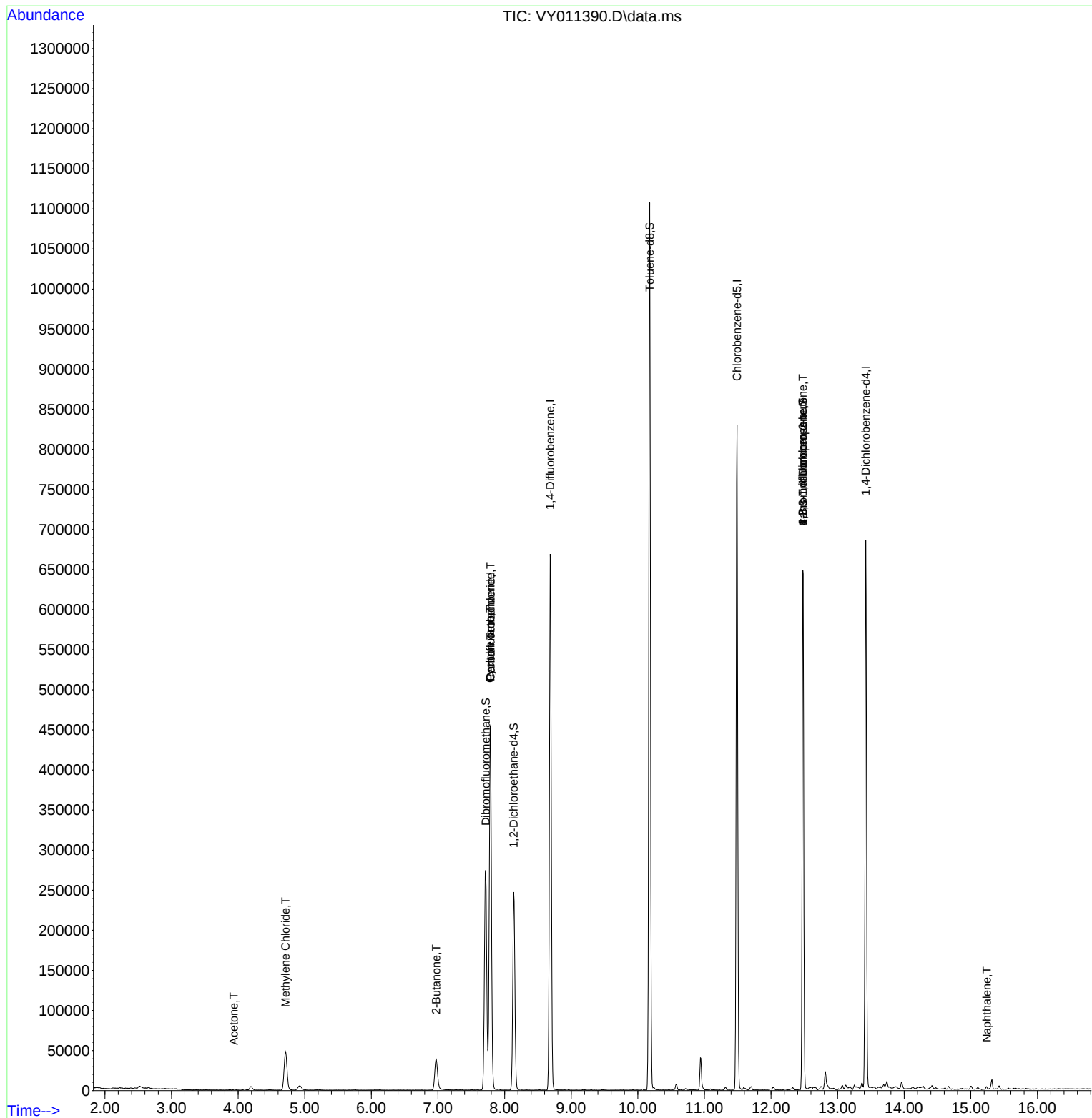
Internal Standards						
1) Pentafluorobenzene	7.789	168	371495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	598363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	480540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	190951	61.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.680%	
35) Dibromofluoromethane	7.716	113	203102	60.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.140%	
50) Toluene-d8	10.179	98	762509	59.521	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.040%	
62) 4-Bromofluorobenzene	12.477	95	214257	47.950	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	253	Below Cal	#	43
11) Tert butyl alcohol	4.923	59	6209	Below Cal	#	77
16) Acetone	3.936	43	1301	1.584	ug/l	94
18) Methyl Acetate	4.478	43	703	Below Cal	#	61
20) Methylene Chloride	4.710	84	40560	1.872	ug/l	# 82
25) 2-Butanone	6.972	43	2014	1.721	ug/l	93
31) Cyclohexane	7.783	56	6220	1.112	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	34731	6.135	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	101542	47.599	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	101542	114.413	ug/l	# 7
95) Naphthalene	15.239	128	3115	3.693	ug/l	# 94

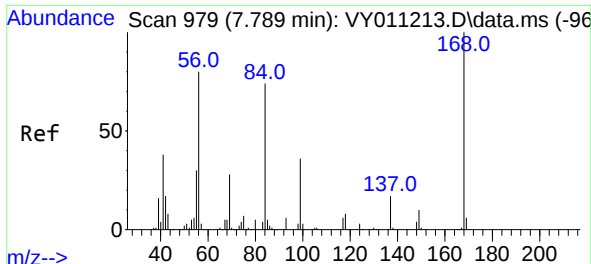
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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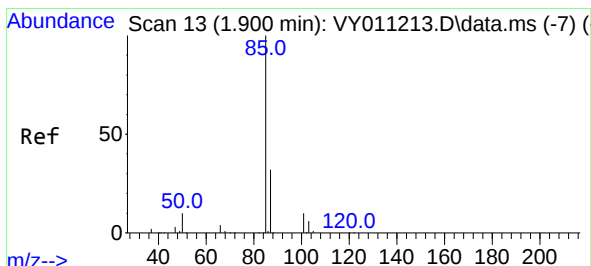
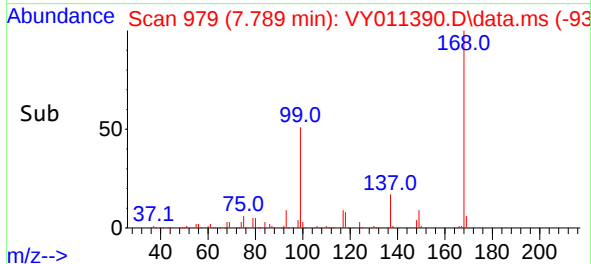
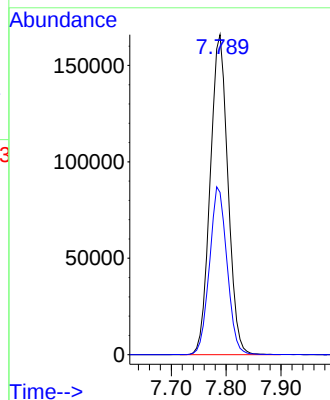
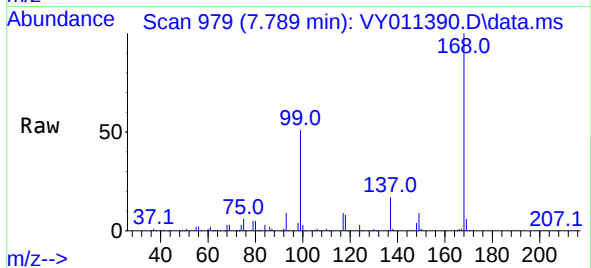




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

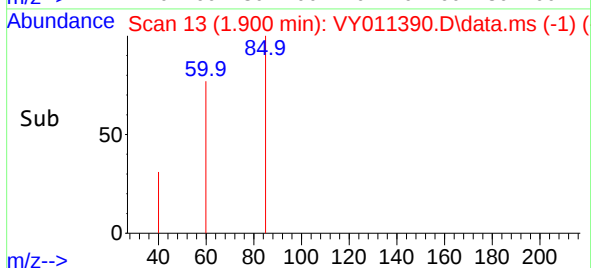
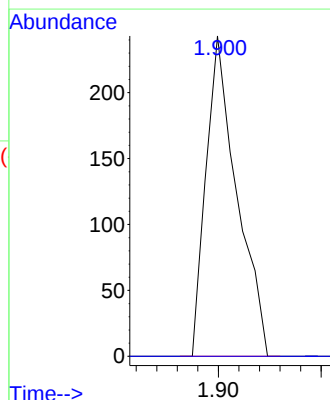
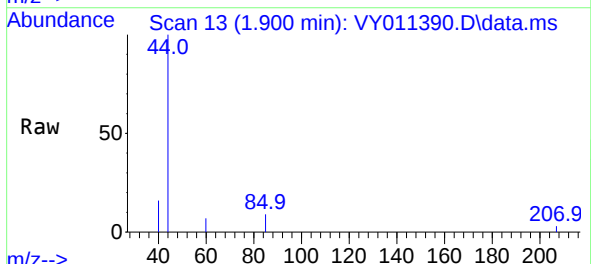
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07RE

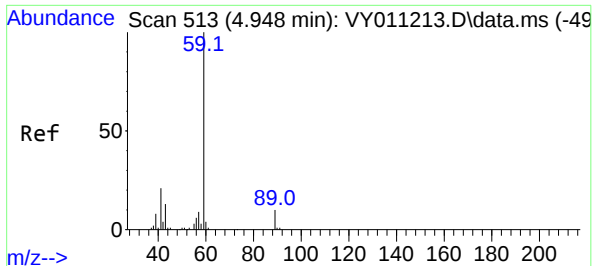
Tgt Ion:168 Resp: 371495
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Tgt Ion: 85 Resp: 253
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

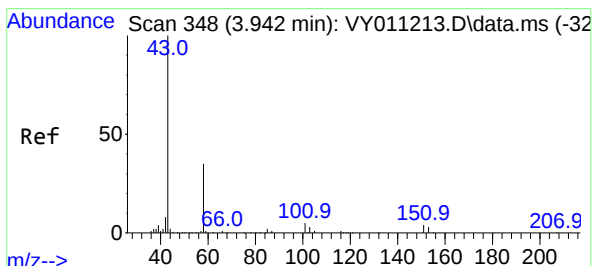
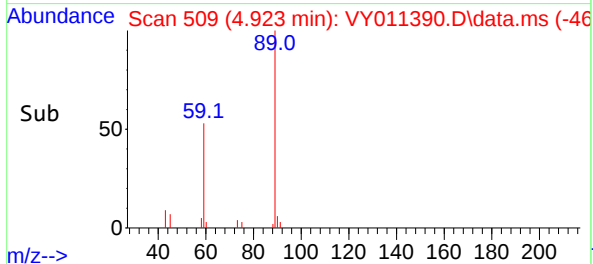
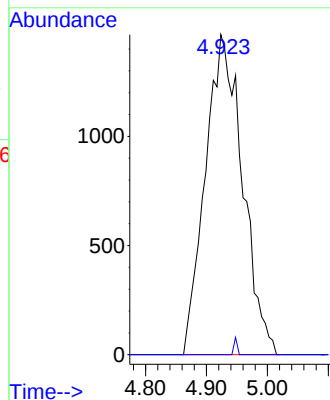
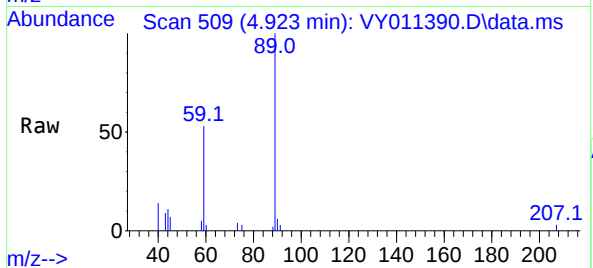




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

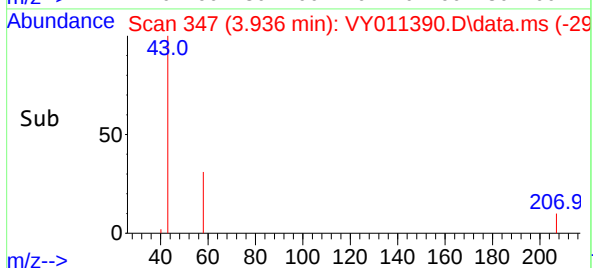
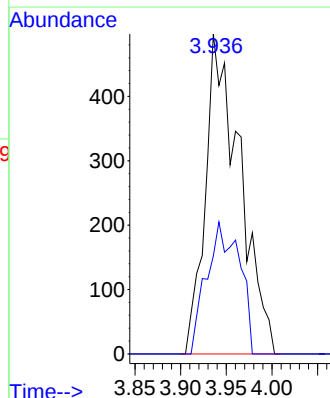
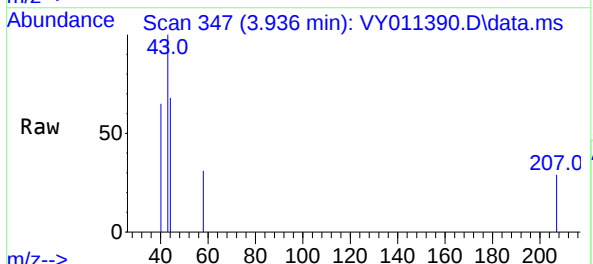
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07RE

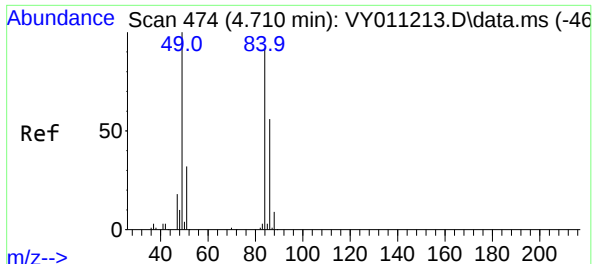
Tgt Ion: 59 Resp: 6209
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.584 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0



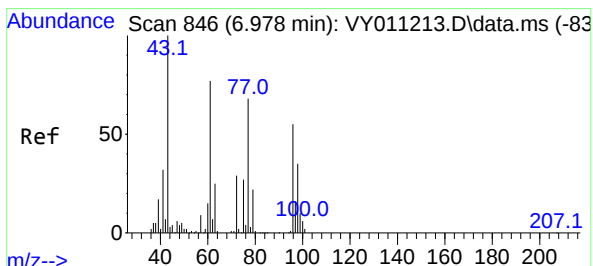
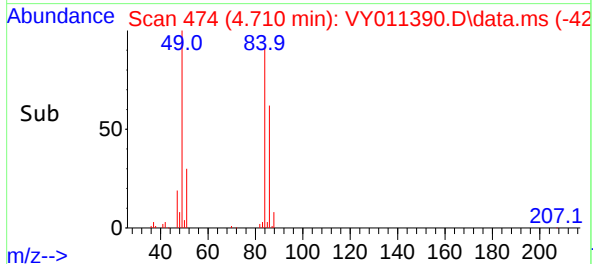
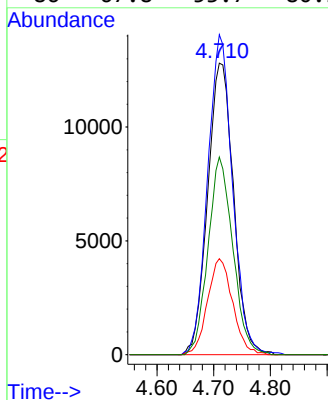
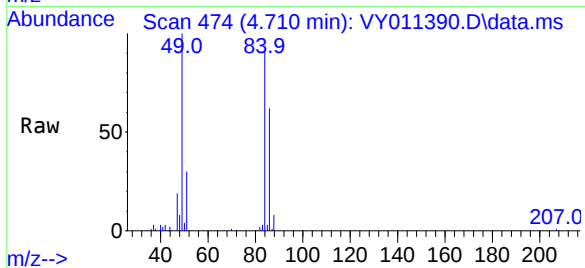


#20
Methylene Chloride
Concen: 1.872 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07RE

Tgt Ion: 84 Resp: 40560

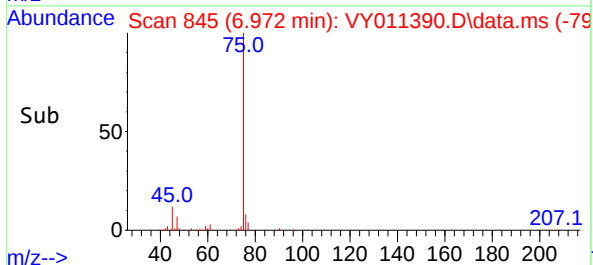
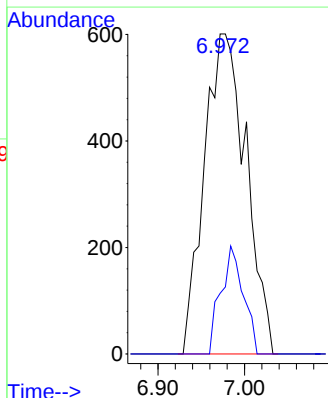
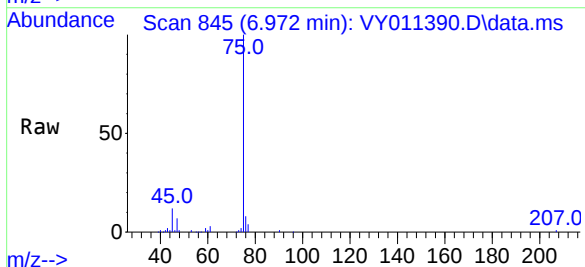
Ion	Ratio	Lower	Upper
84	100		
49	109.8	114.4	171.6#
51	32.9	35.3	52.9#
86	67.8	53.7	80.5

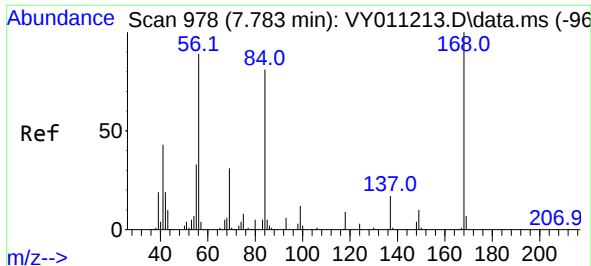


#25
2-Butanone
Concen: 1.721 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Tgt Ion: 43 Resp: 2014

Ion	Ratio	Lower	Upper
43	100		
72	19.0	17.7	26.5

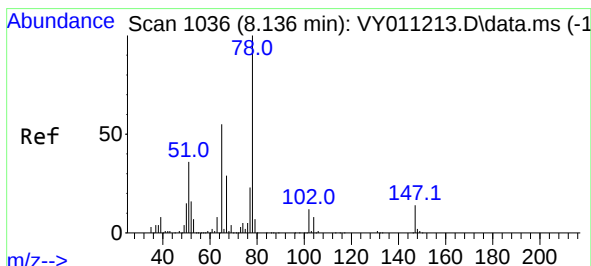
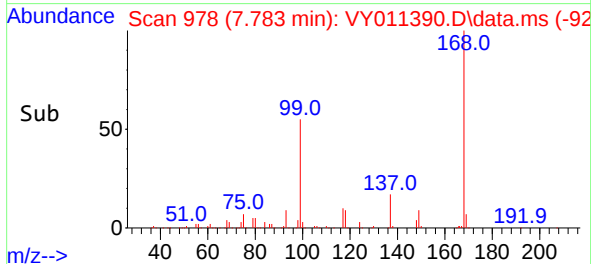
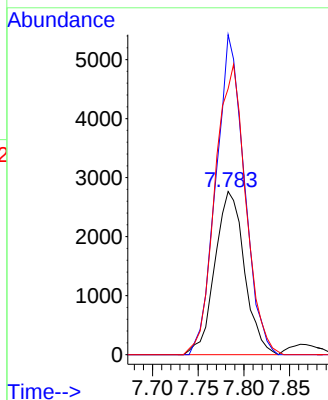
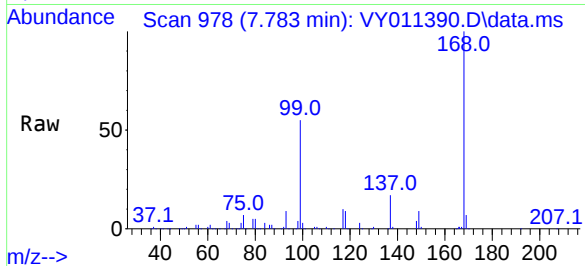




#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

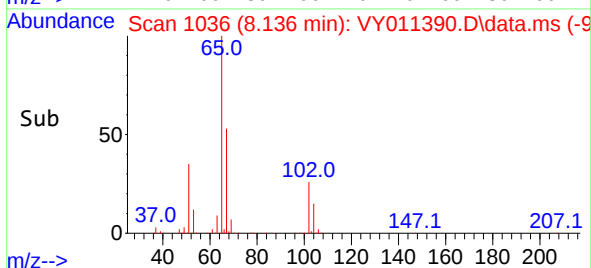
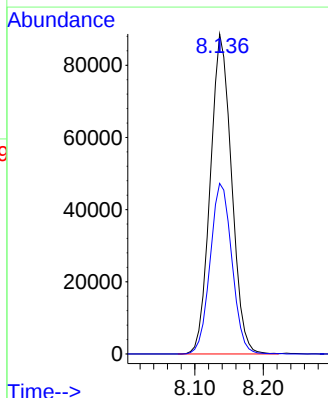
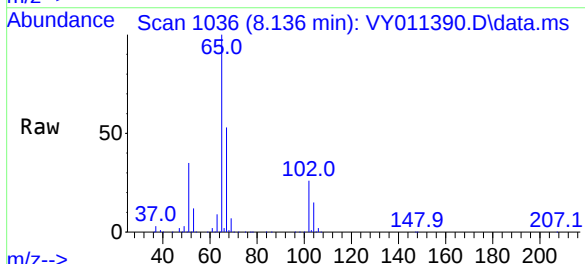
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07RE

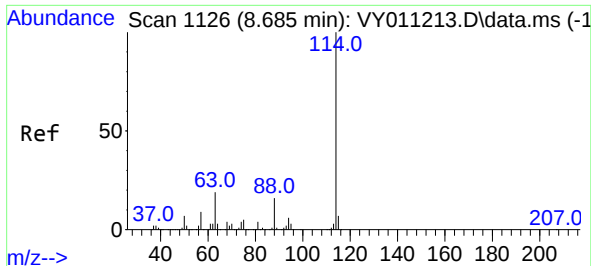
Tgt Ion: 56 Resp: 6220
Ion Ratio Lower Upper
56 100
69 196.0 26.7 40.1#
84 162.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.340 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Tgt Ion: 65 Resp: 190951
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4

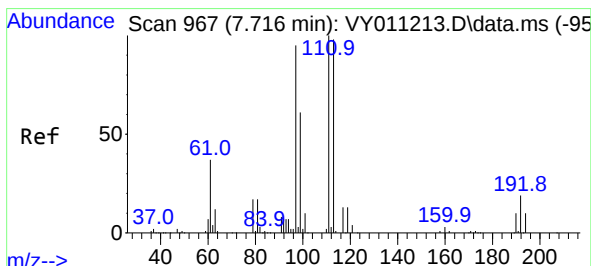
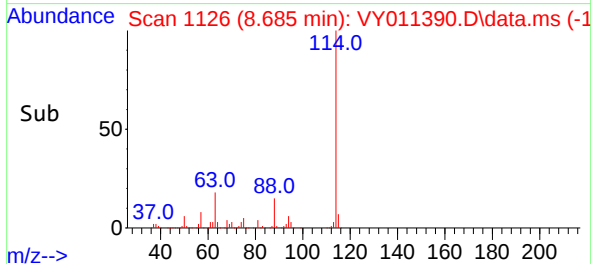
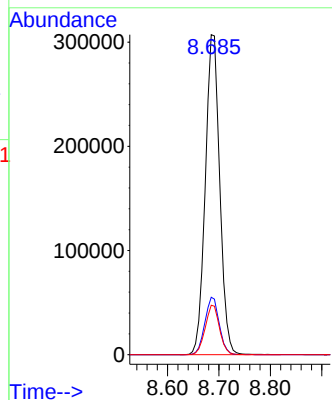
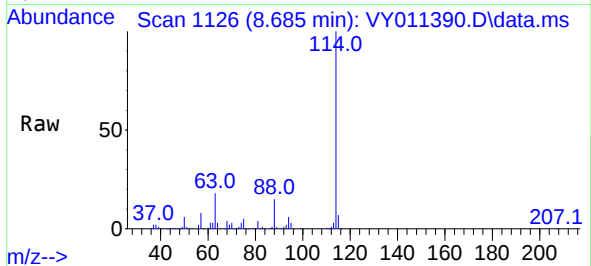




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

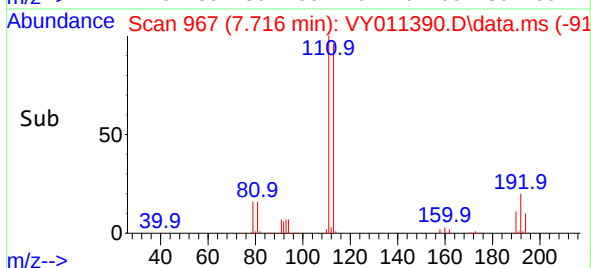
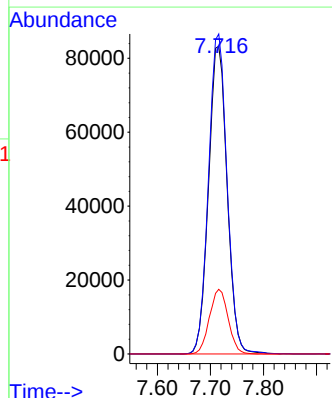
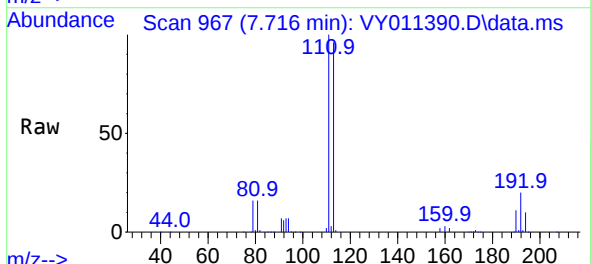
Instrument :
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ClientSampleId :
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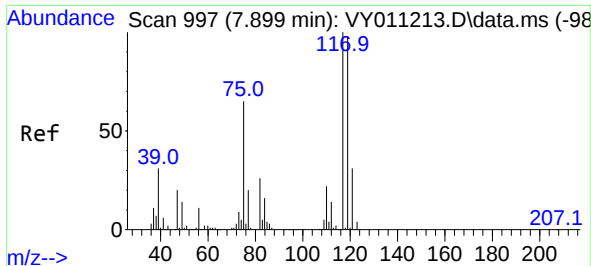
Tgt Ion:	114	Resp:	598363
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	43.2
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 60.567 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Tgt Ion:	113	Resp:	203102
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	124.0
192	21.1	17.6	26.4

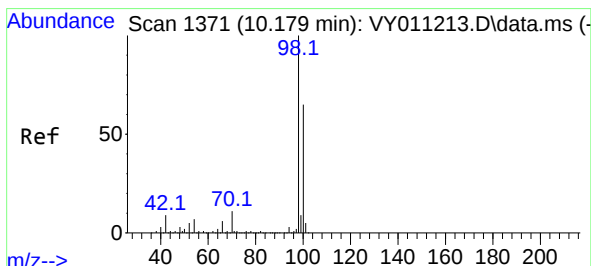
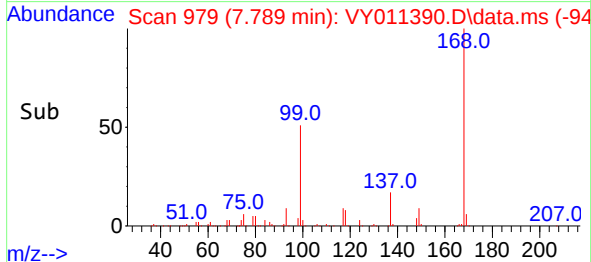
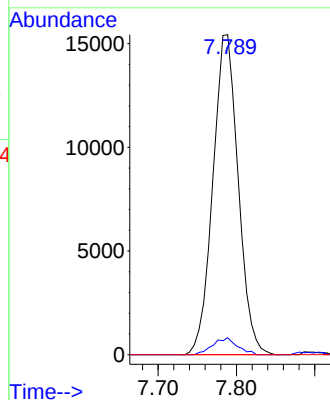
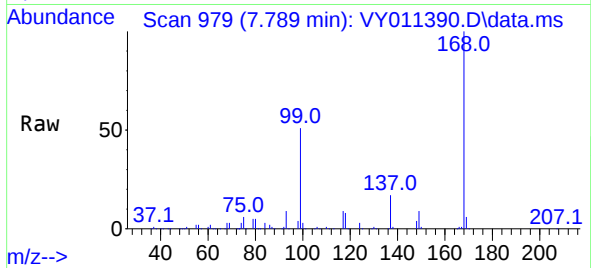




#38
Carbon Tetrachloride
Concen: 6.135 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

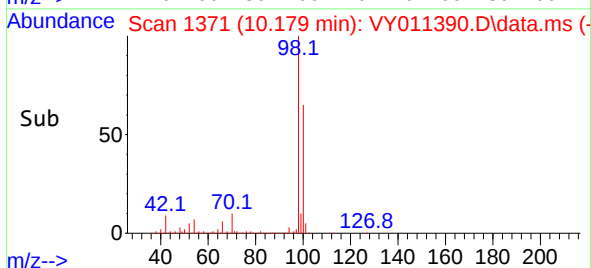
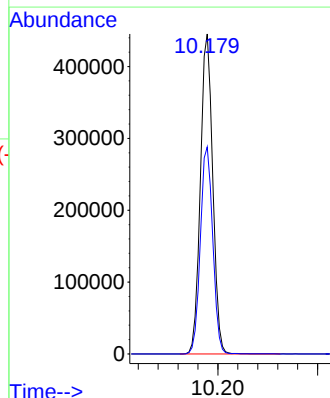
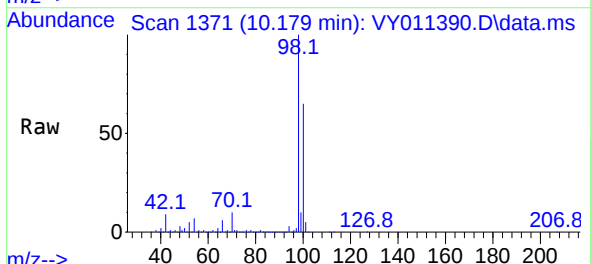
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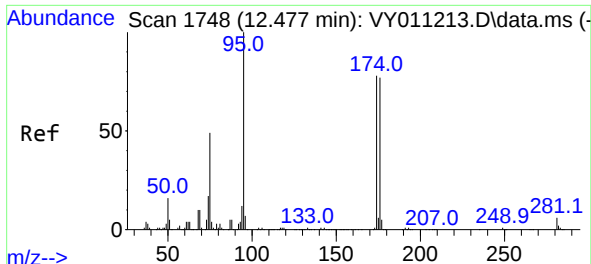
Tgt Ion:117 Resp: 34731
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 59.521 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Tgt Ion: 98 Resp: 762509
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

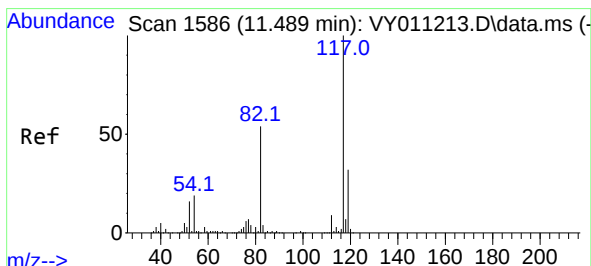
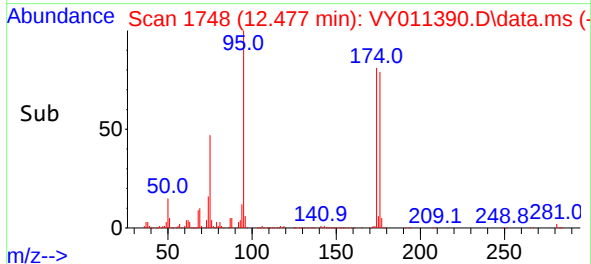
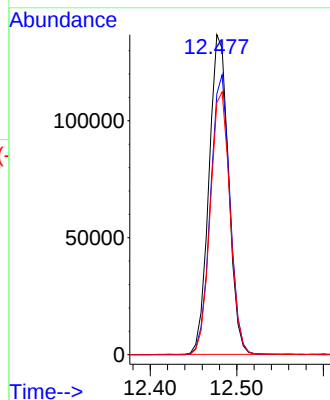
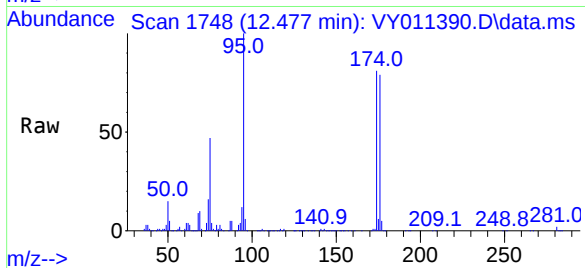




#62
4-Bromofluorobenzene
Concen: 47.950 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

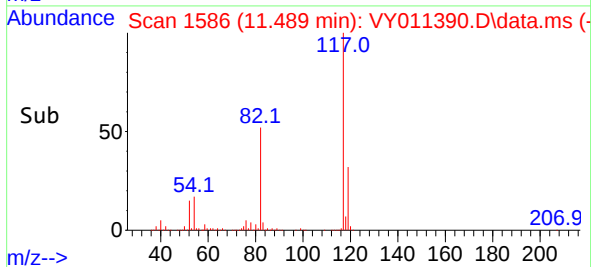
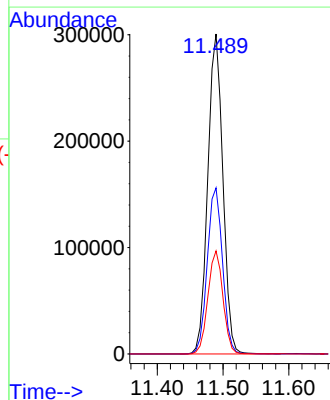
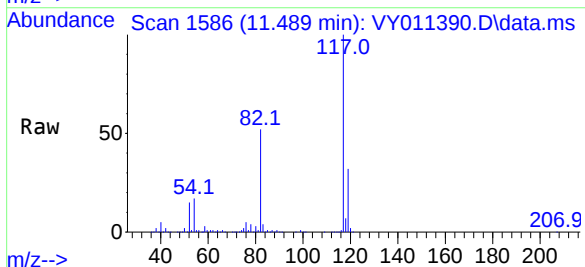
Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07RE

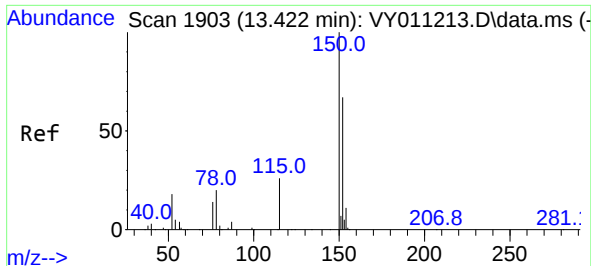
Tgt Ion: 95 Resp: 214257
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 83.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Tgt Ion: 117 Resp: 480540
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.2 25.4 38.0

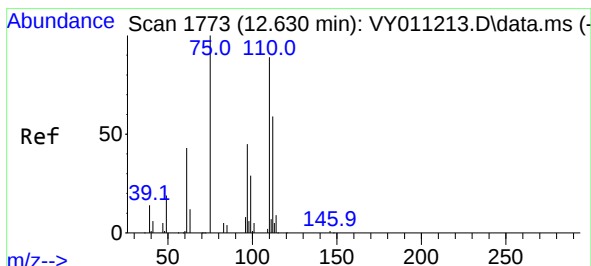
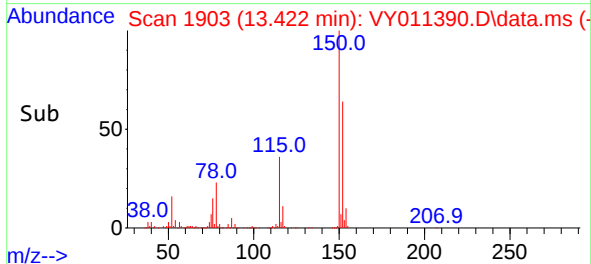
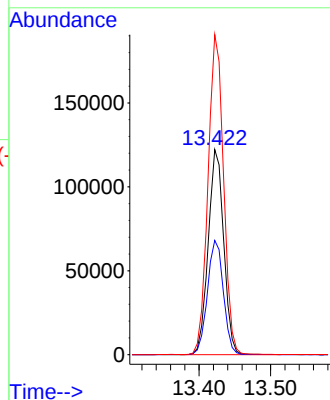
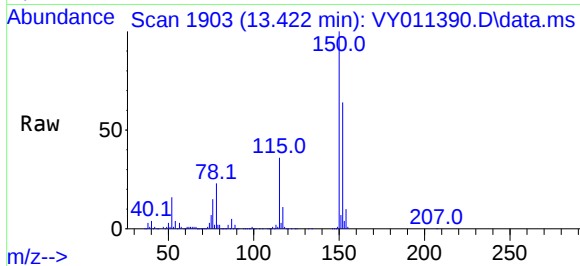




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011390.D
 Acq: 10 Nov 2022 15:08

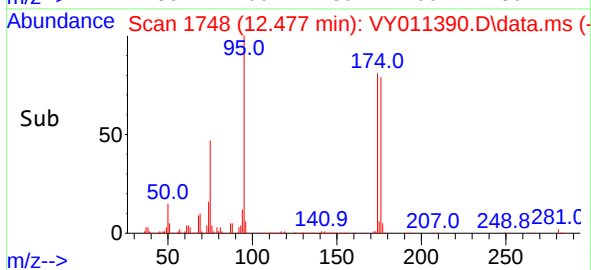
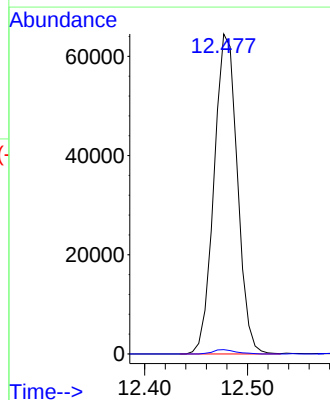
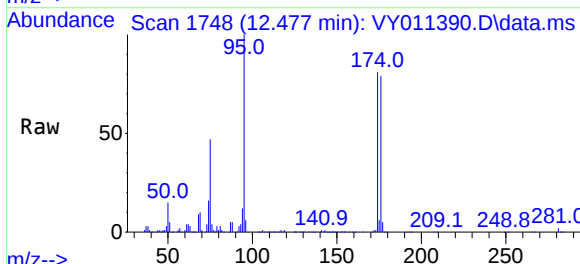
Instrument :
 MSVOA_Y
 ClientSampleId :
 250FERRYBLVD-TFS-07RE

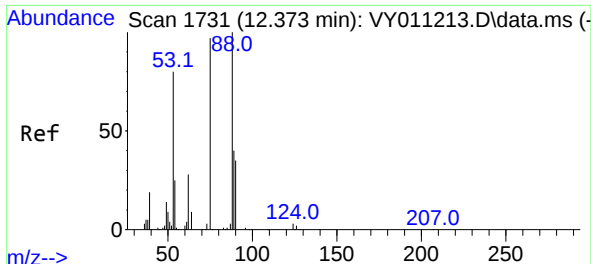
Tgt Ion:152 Resp: 184297
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.599 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011390.D
 Acq: 10 Nov 2022 15:08

Tgt Ion: 75 Resp: 101542
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

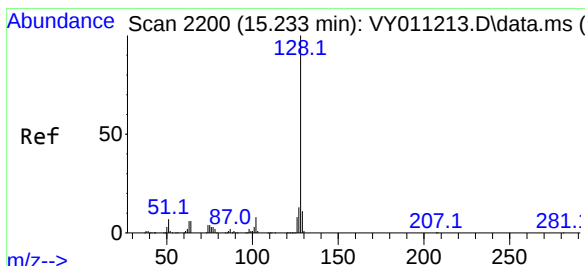
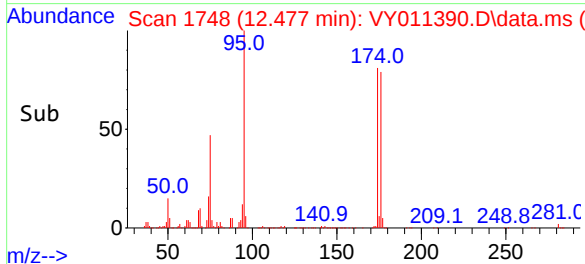
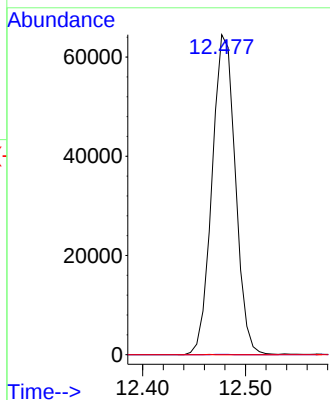
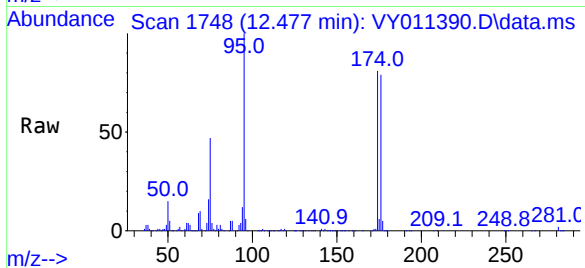




#81
trans-1,4-Dichloro-2-butene
Concen: 114.413 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Instrument :
MSVOA_Y
ClientSampleId :
250FERRYBLVD-TFS-07RE

Tgt Ion: 75 Resp: 101542
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.693 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011390.D
Acq: 10 Nov 2022 15:08

Tgt Ion: 128 Resp: 3115
Ion Ratio Lower Upper
128 100
127 16.9 11.0 16.4#
129 11.5 8.4 12.6

