

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010125.D
 Acq On : 20 Aug 2022 00:52
 Operator : KP/MD
 Sample : N4219-03
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-3

Quant Time: Aug 22 02:50:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

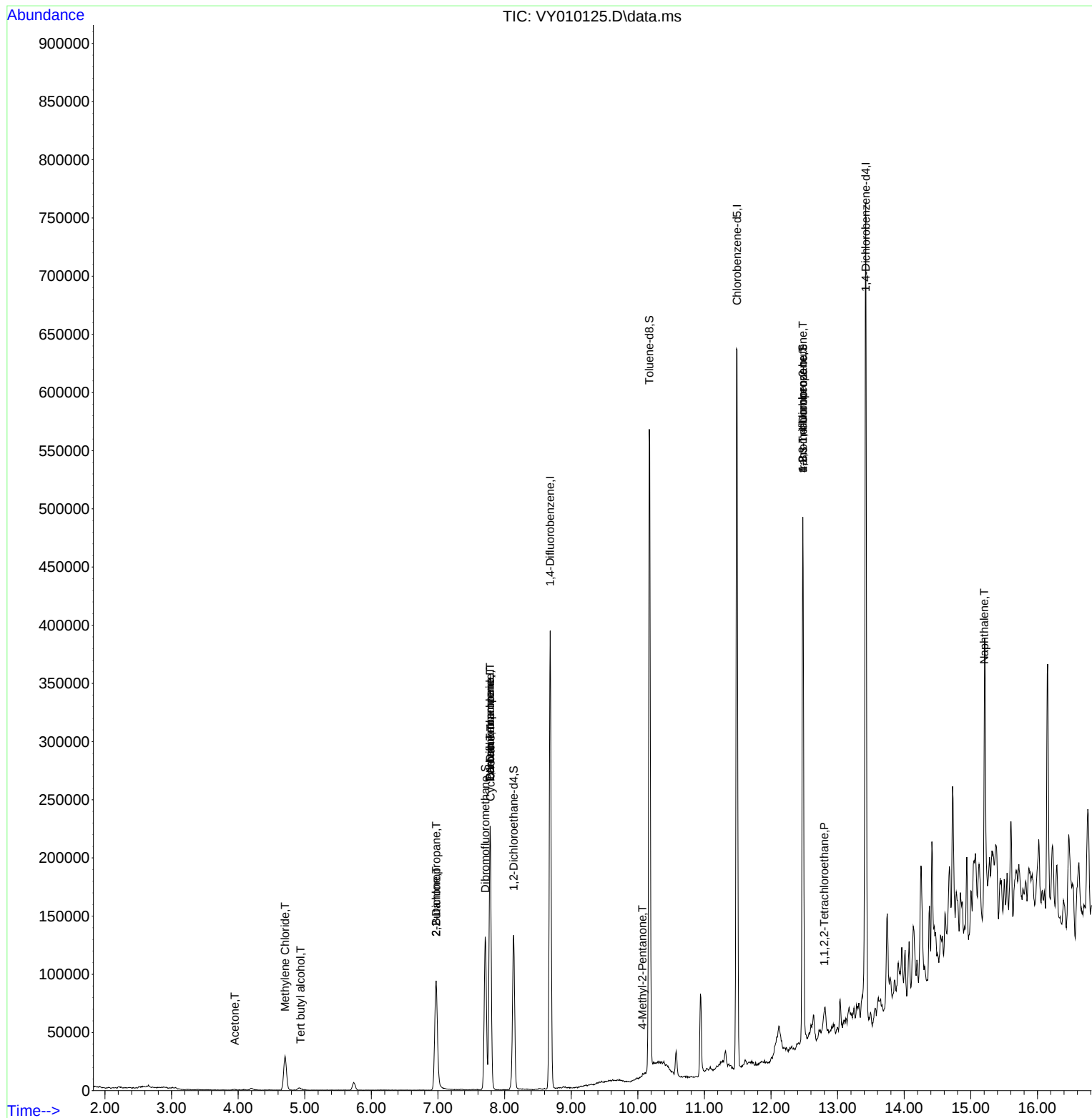
Internal Standards						
1) Pentafluorobenzene	7.783	168	181447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	340206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97767	65.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.560%	
35) Dibromofluoromethane	7.710	113	95545	49.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.680%	
50) Toluene-d8	10.173	98	371628	51.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.477	95	139170	54.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	2964	28.888	ug/l #	73
16) Acetone	3.948	43	1263	3.395	ug/l #	85
20) Methylene Chloride	4.704	84	22520	3.080	ug/l	96
25) 2-Butanone	6.972	43	4400	7.354	ug/l #	72
26) 2,2-Dichloropropane	6.972	77	7268	2.594	ug/l #	50
31) Cyclohexane	7.789	56	3188	1.047	ug/l #	14
36) 1,1-Dichloropropene	7.783	75	12669	4.140	ug/l #	49
38) Carbon Tetrachloride	7.783	117	16886	5.262	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	1674	1.103	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.800	83	2559	1.030	ug/l	64
76) 1,2,3-Trichloropropane	12.477	75	67115	38.799	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67115	77.927	ug/l #	18
95) Naphthalene	15.202	128	1770	4.121	ug/l #	1

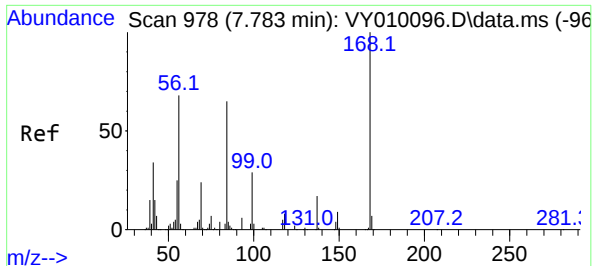
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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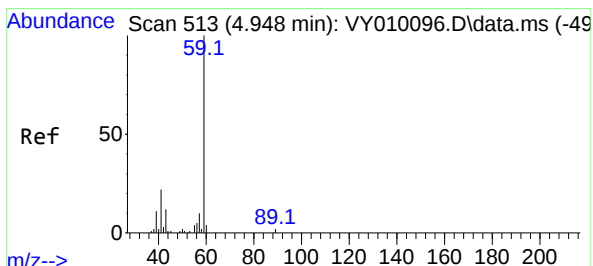
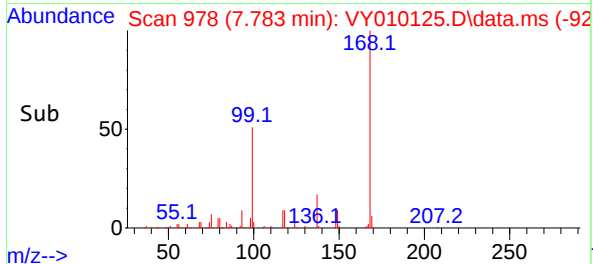
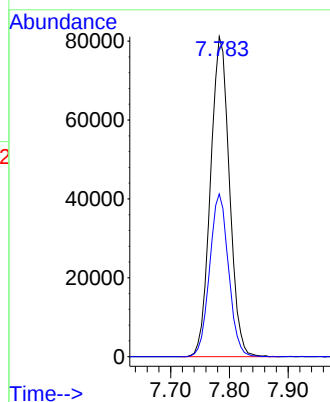
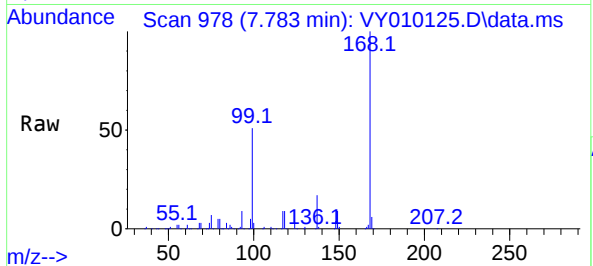




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

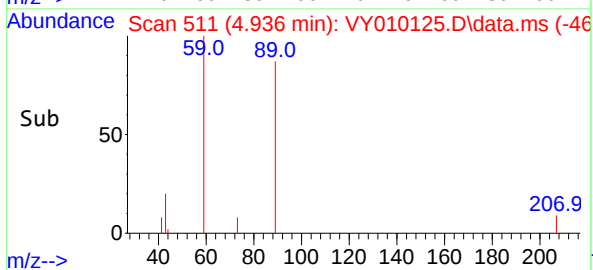
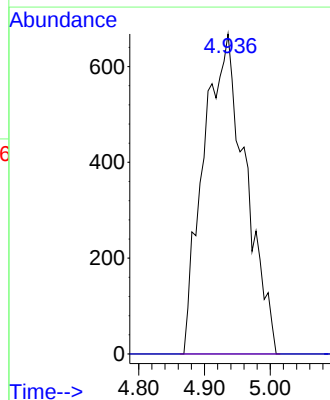
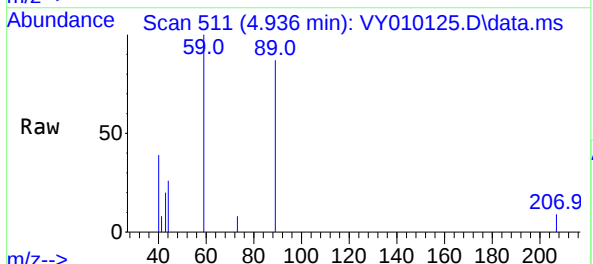
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

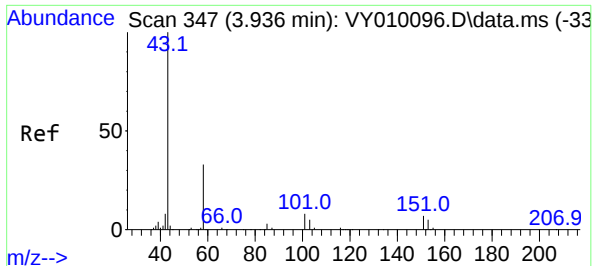
Tgt Ion:168 Resp: 181447
Ion Ratio Lower Upper
168 100
99 50.8 40.7 61.1



#11
Tert butyl alcohol
Concen: 28.888 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 59 Resp: 2964
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

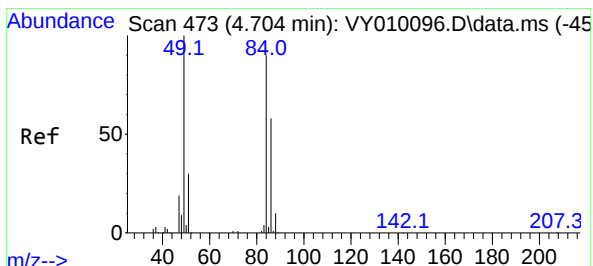
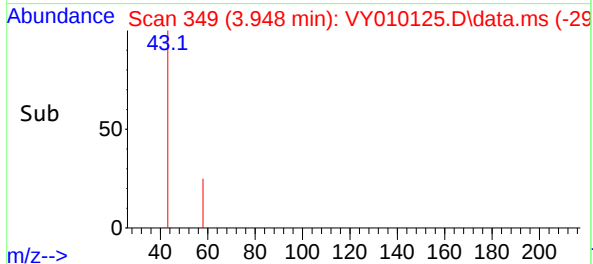
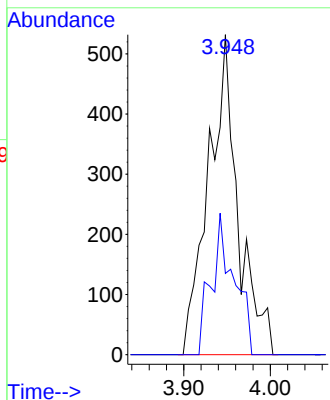
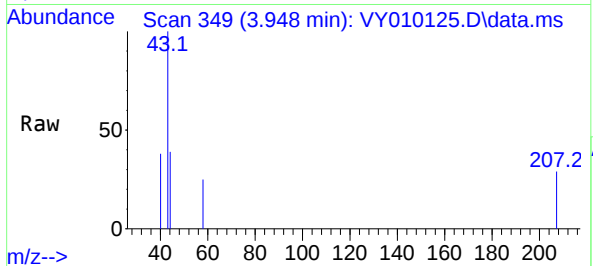




#16
Acetone
Concen: 3.395 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

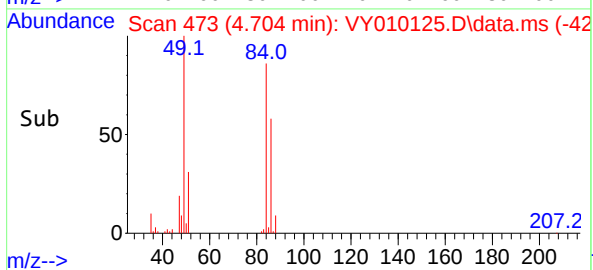
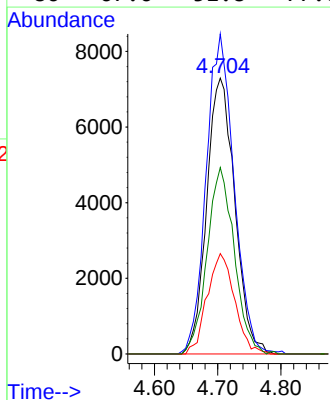
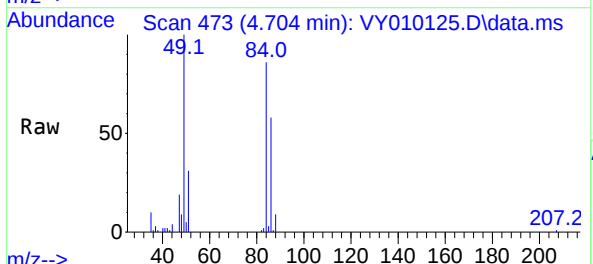
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

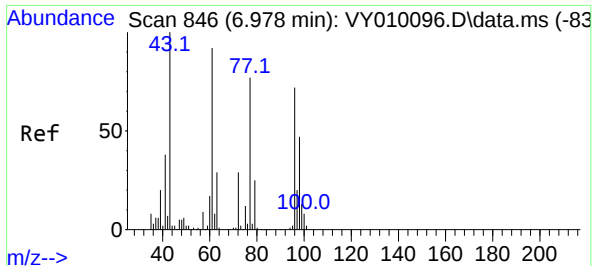
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 25.4 27.4 41.0#



#20
Methylene Chloride
Concen: 3.080 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 84 Resp: 22520
Ion Ratio Lower Upper
84 100
49 116.0 89.0 133.4
51 36.3 27.0 40.6
86 67.6 51.8 77.6





#25

2-Butanone

Concen: 7.354 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010125.D

Acq: 20 Aug 2022 00:52

Instrument :

MSVOA_Y

ClientSampleId :

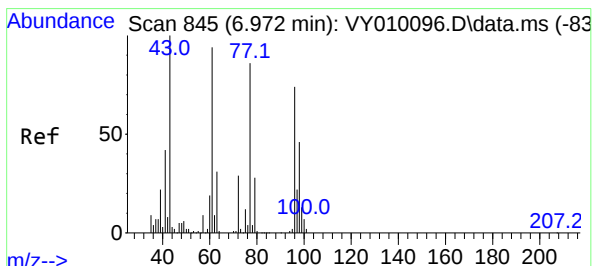
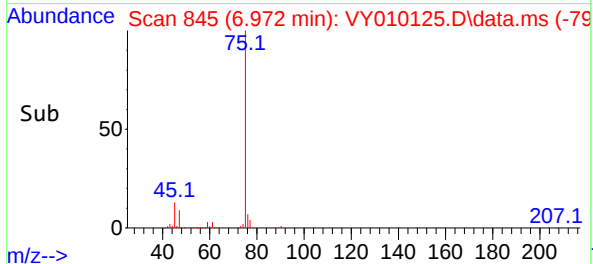
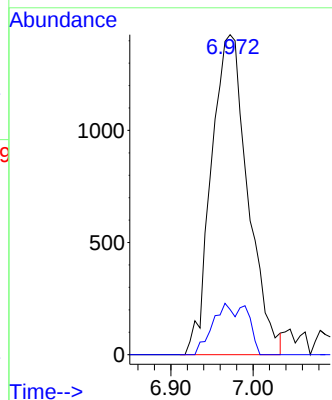
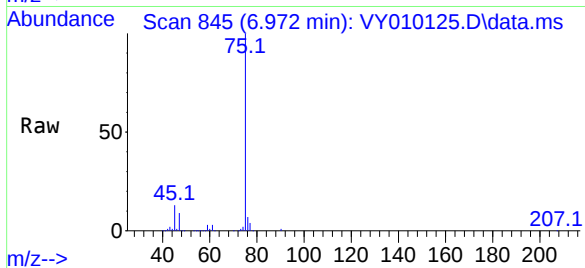
PX-3

Tgt Ion: 43 Resp: 4400

Ion Ratio Lower Upper

43 100

72 14.1 23.2 34.8#



#26

2,2-Dichloropropane

Concen: 2.594 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY010125.D

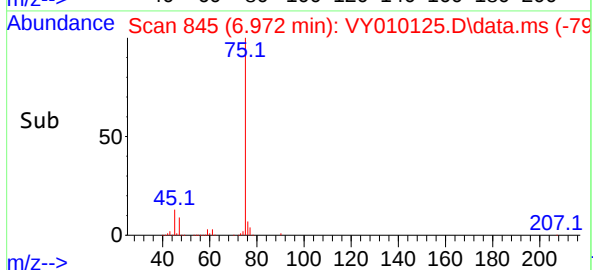
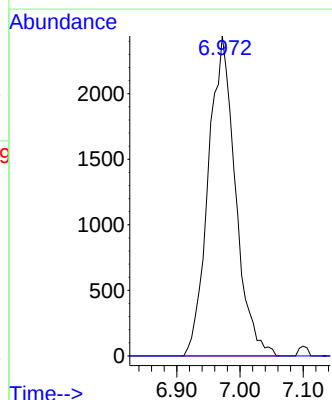
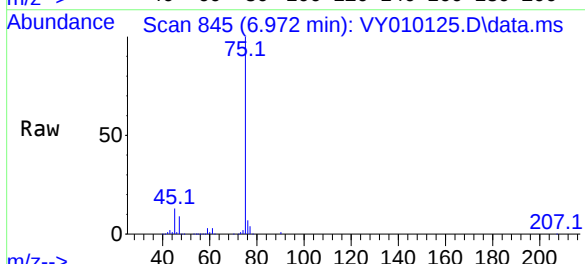
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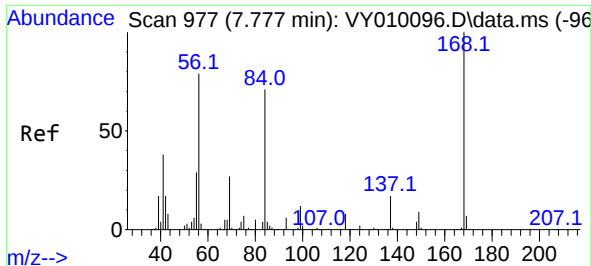
Tgt Ion: 77 Resp: 7268

Ion Ratio Lower Upper

77 100

97 0.0 12.4 37.4#

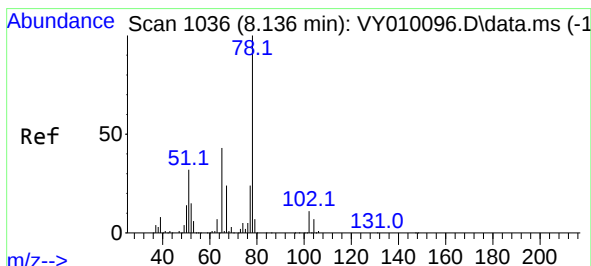
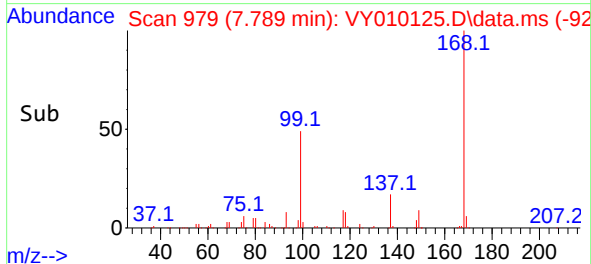
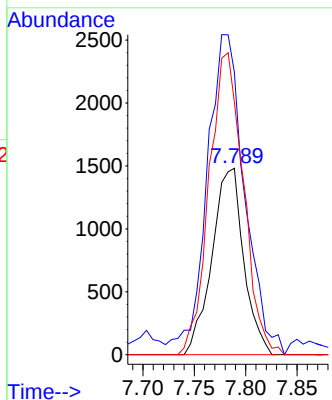
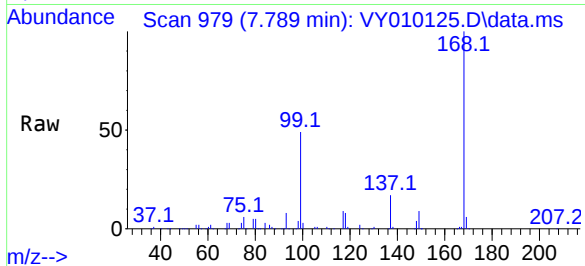




#31
Cyclohexane
Concen: 1.047 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

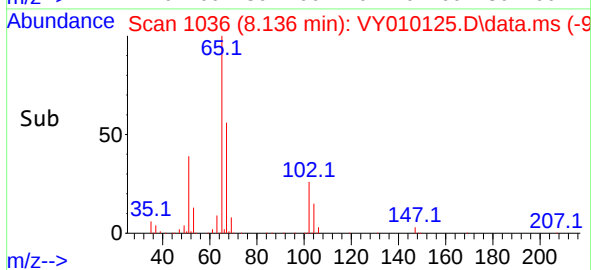
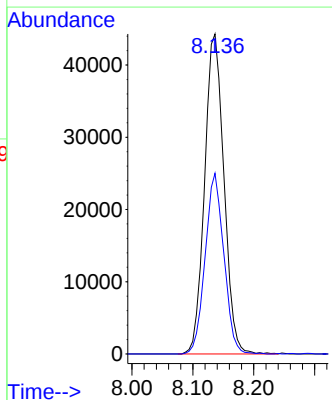
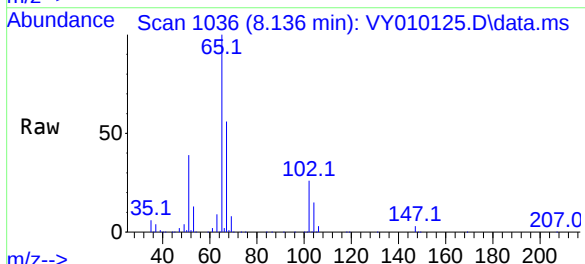
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

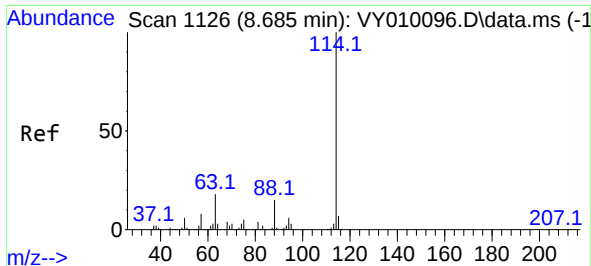
Tgt Ion: 56 Resp: 3188
Ion Ratio Lower Upper
56 100
69 142.9 27.3 40.9#
84 135.7 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 65.782 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 65 Resp: 97767
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6



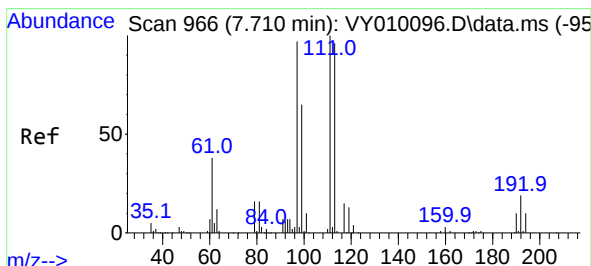
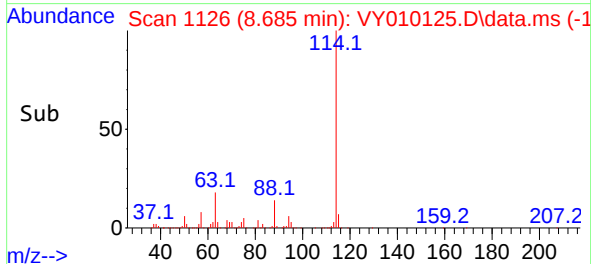
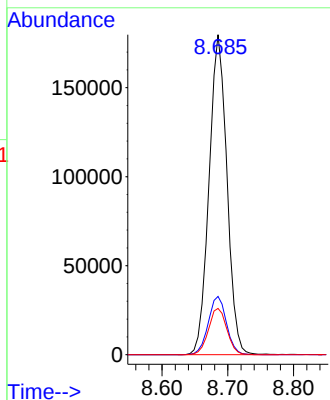
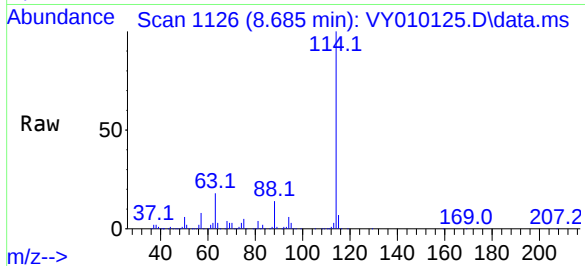


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Instrument :
MSVOA_Y
ClientSampleId :
PX-3

Tgt Ion:114 Resp: 340206

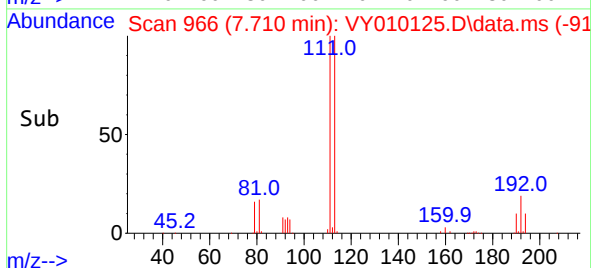
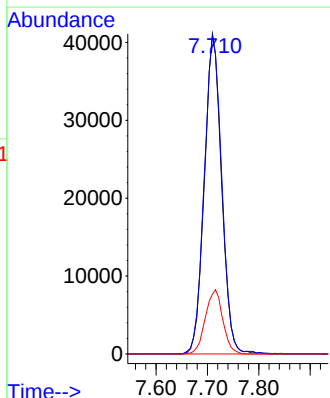
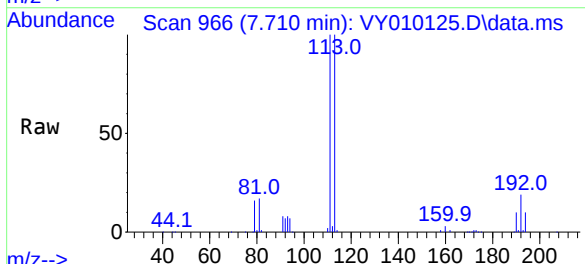
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	14.5	0.0	29.6

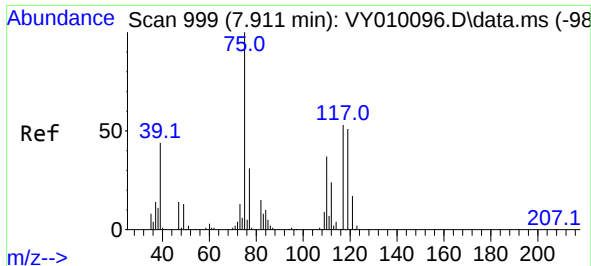


#35
Dibromofluoromethane
Concen: 49.841 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion:113 Resp: 95545

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.8	124.2
192	20.3	16.3	24.5

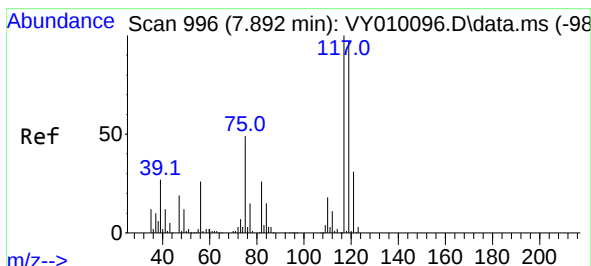
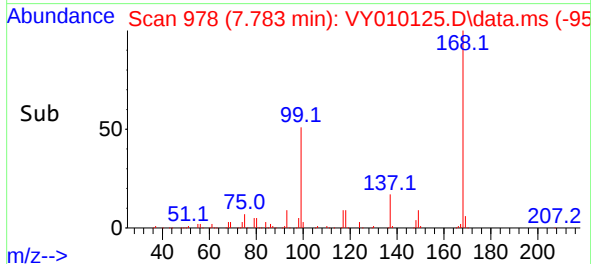
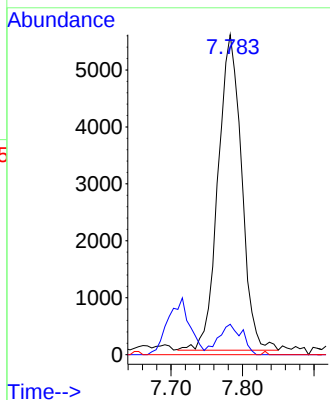
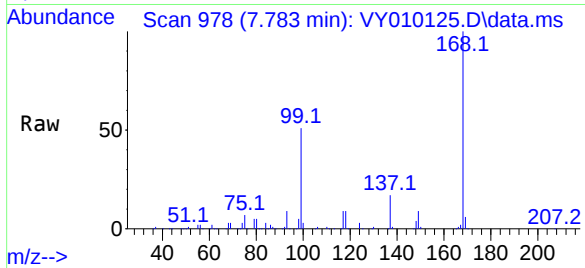




#36
1,1-Dichloropropene
Concen: 4.140 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

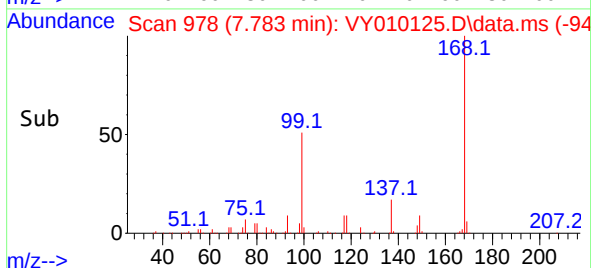
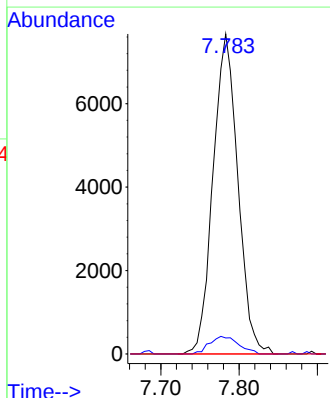
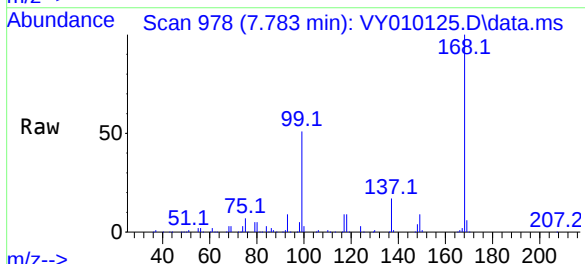
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

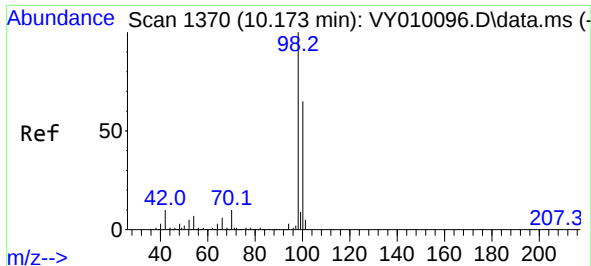
Tgt Ion: 75 Resp: 12669
Ion Ratio Lower Upper
75 100
110 9.7 18.6 56.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.262 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 117 Resp: 16886
Ion Ratio Lower Upper
117 100
119 5.0 77.1 115.7#
121 0.0 24.7 37.1#

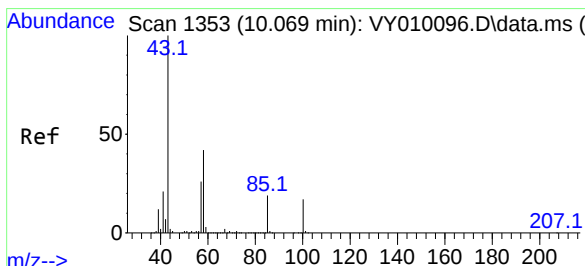
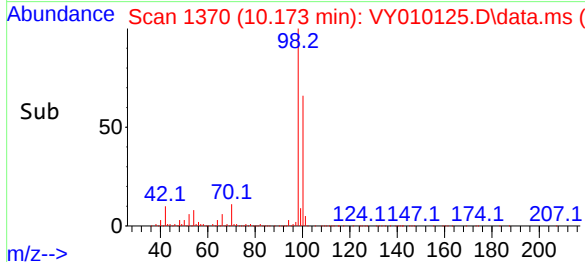
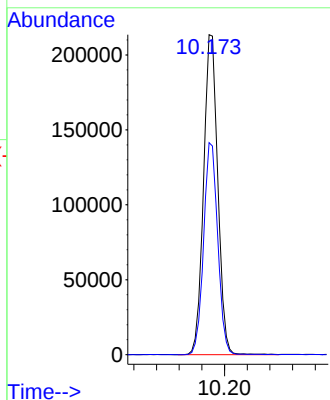
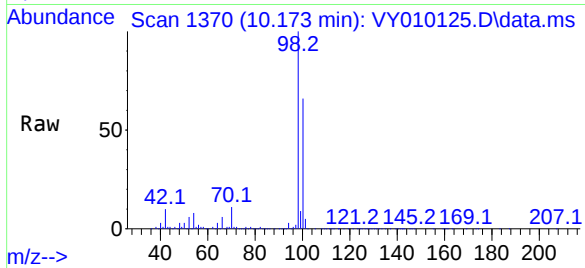




#50
Toluene-d8
Concen: 51.736 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

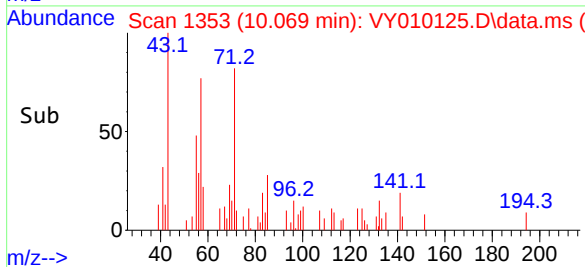
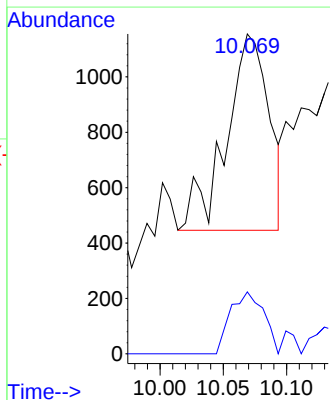
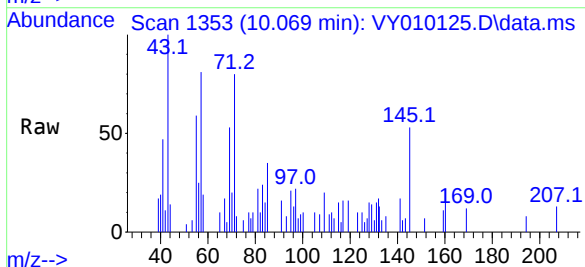
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

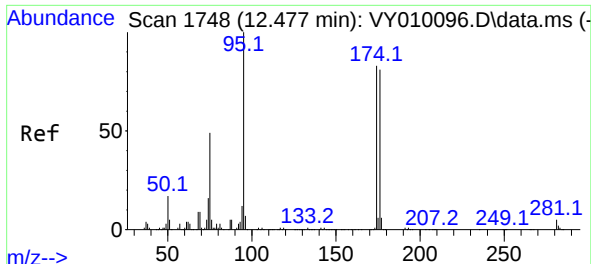
Tgt Ion: 98 Resp: 371628
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.103 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
58 24.5 33.3 49.9#

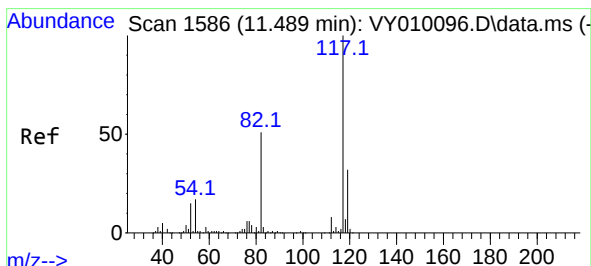
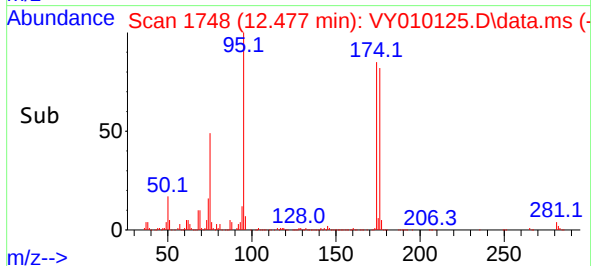
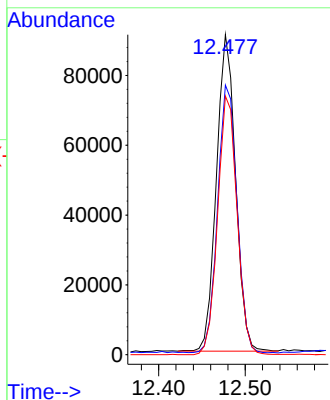
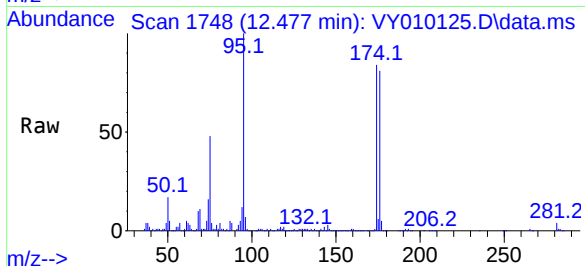




#62
4-Bromofluorobenzene
Concen: 54.226 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

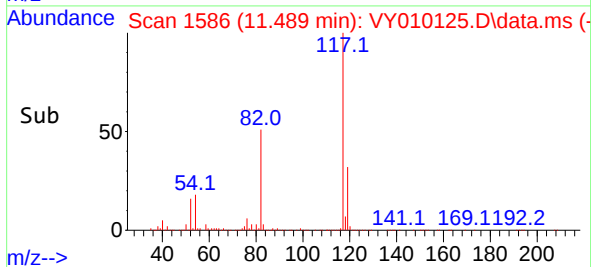
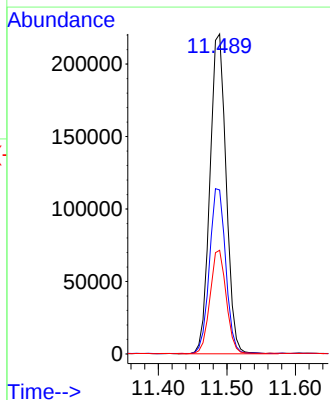
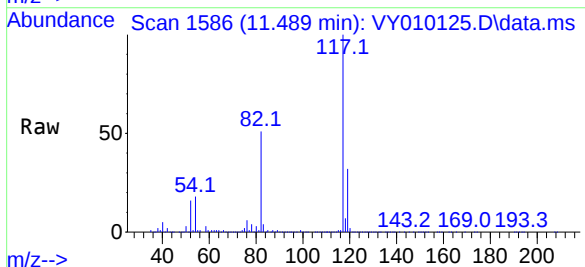
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

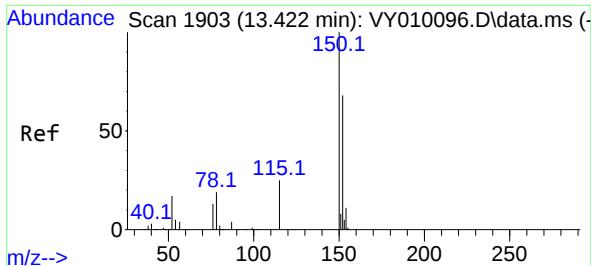
Tgt Ion: 95 Resp: 139170
Ion Ratio Lower Upper
95 100
174 85.5 0.0 173.8
176 83.0 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 117 Resp: 362962
Ion Ratio Lower Upper
117 100
82 51.1 40.6 61.0
119 32.2 25.8 38.8

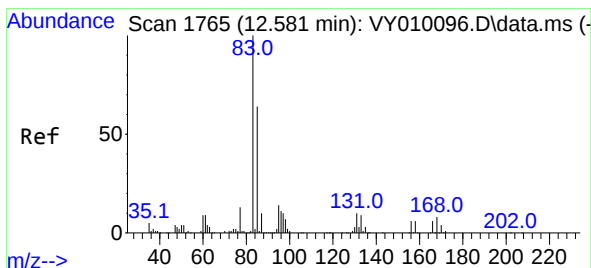
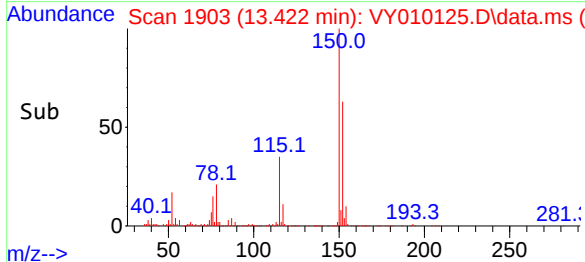
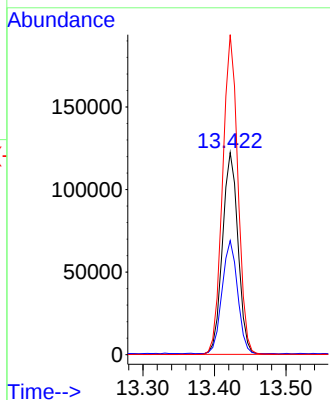
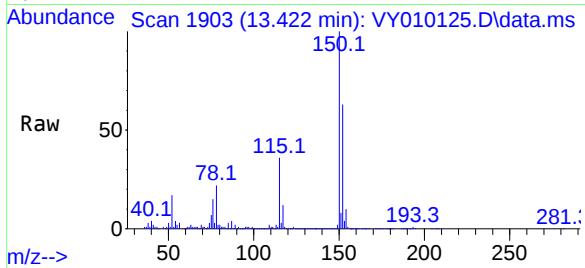




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

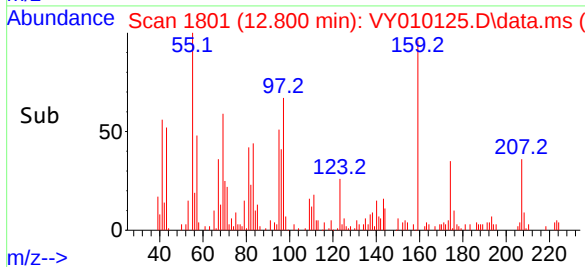
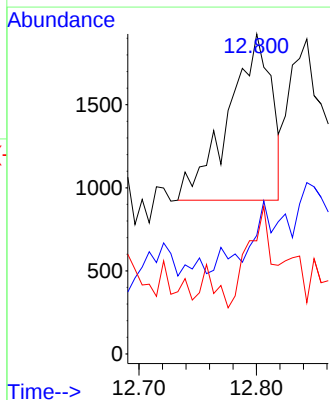
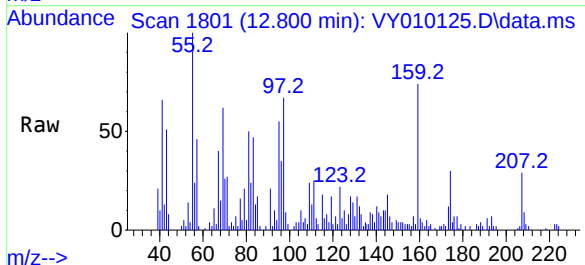
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

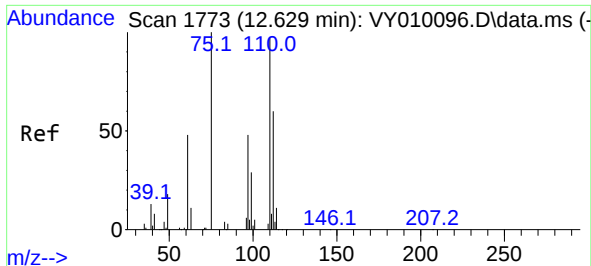
Tgt Ion:152 Resp: 184707
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 156.2 0.0 346.2



#75
1,1,2,2-Tetrachloroethane
Concen: 1.030 ug/l
RT: 12.800 min Scan# 1801
Delta R.T. 0.219 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 83 Resp: 2559
Ion Ratio Lower Upper
83 100
131 14.9 5.3 15.9
85 33.3 32.2 96.6

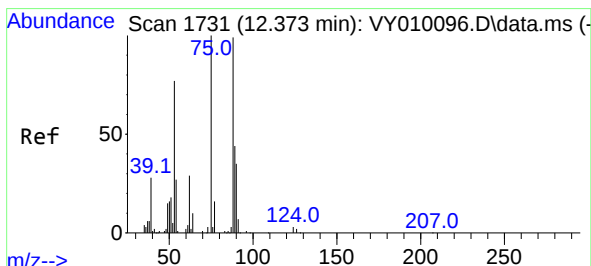
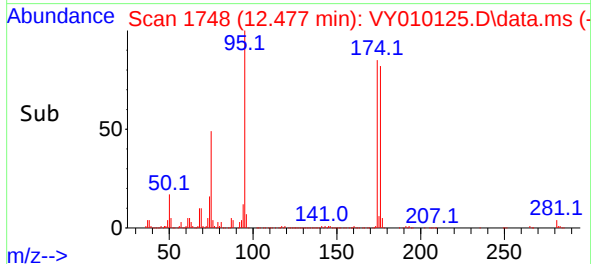
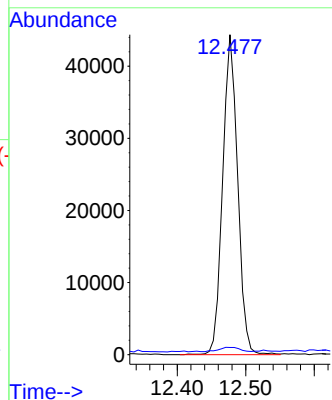
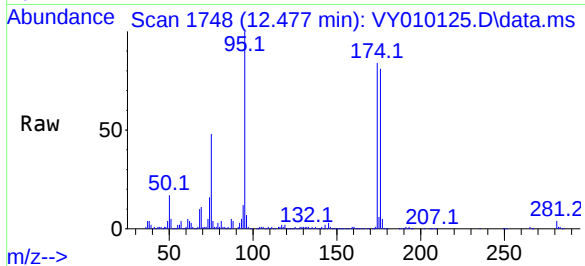




#76
1,2,3-Trichloropropane
Concen: 38.799 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

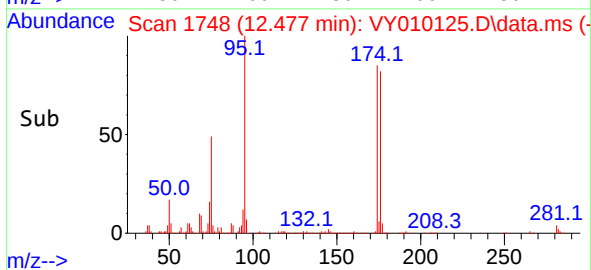
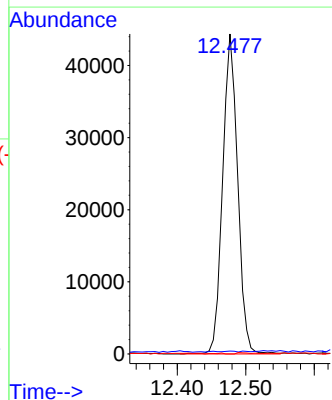
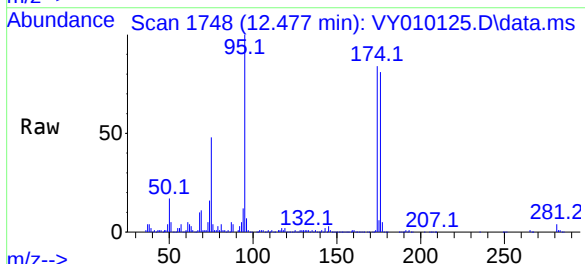
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

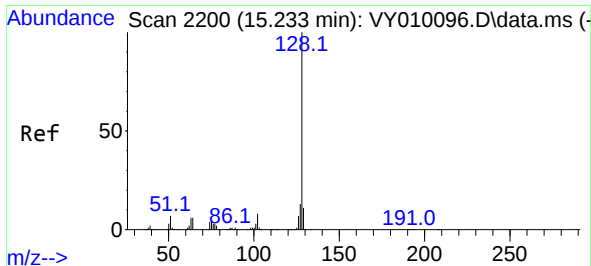
Tgt Ion: 75 Resp: 67115
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.927 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 75 Resp: 67115
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.2 36.8 55.2#





#95
Naphthalene
Concen: 4.121 ug/l
RT: 15.202 min Scan# 21
Delta R.T. -0.031 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Instrument :
MSVOA_Y
ClientSampleId :
PX-3

Tgt Ion:128 Resp: 1770
Ion Ratio Lower Upper
128 100
127 164.0 10.2 15.2#
129 80.4 8.9 13.3#

