

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012312.D
 Acq On : 23 Jan 2023 14:37
 Operator : KP/MD
 Sample : 01232-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 15:16:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

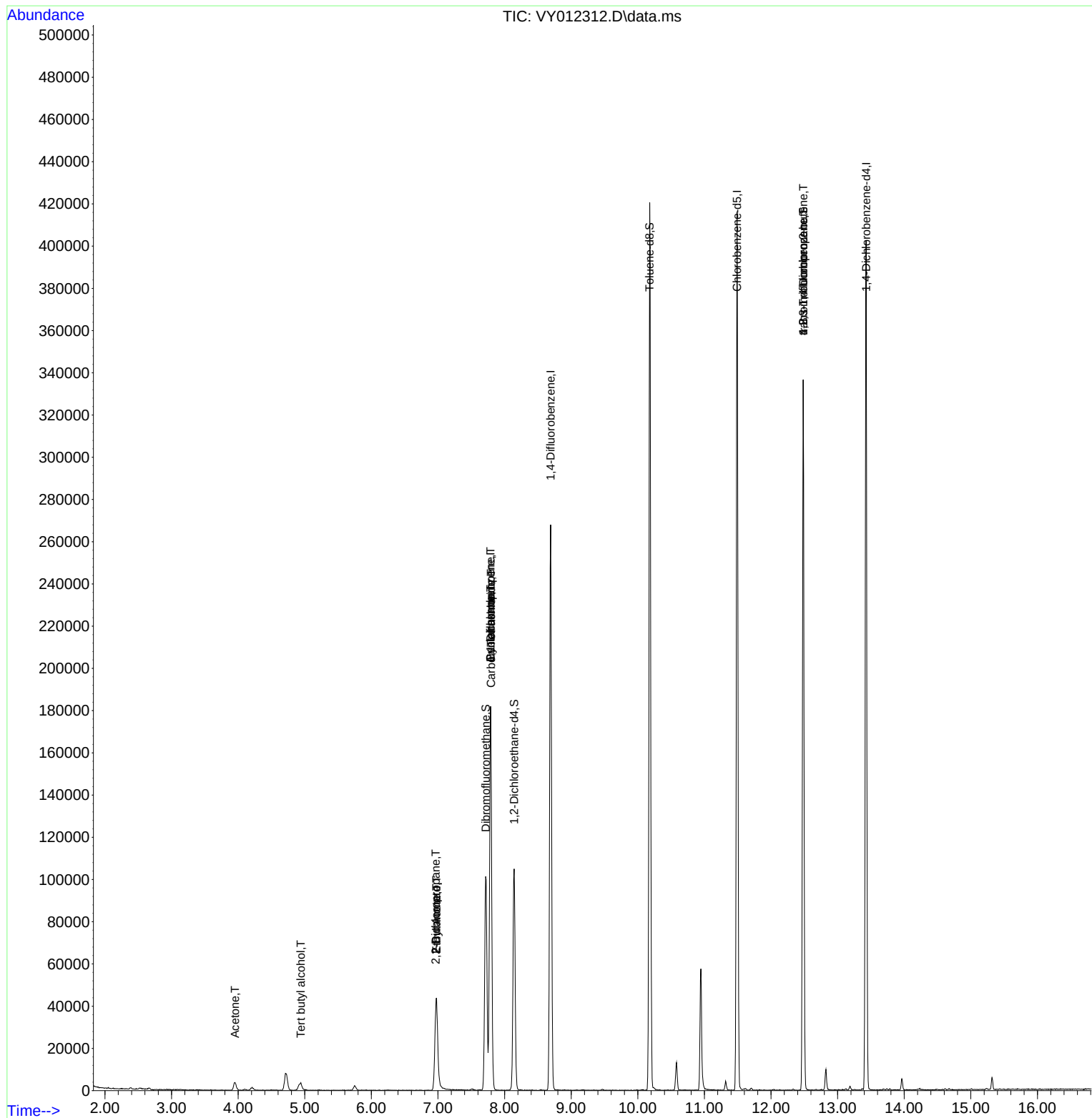
Internal Standards						
1) Pentafluorobenzene	7.789	168	142002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88682	77.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.020%	
35) Dibromofluoromethane	7.716	113	71176	57.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.040%	
50) Toluene-d8	10.179	98	278739	65.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.620%	
62) 4-Bromofluorobenzene	12.483	95	94907	53.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	4000	17.170	ug/l #	74
16) Acetone	3.954	43	6424	16.246	ug/l	95
20) Methylene Chloride	4.710	84	7095	Below Cal	#	84
25) 2-Butanone	6.978	43	2329	5.335	ug/l #	62
26) 2,2-Dichloropropane	6.966	77	3543	1.464	ug/l #	53
31) Cyclohexane	7.789	56	2687	1.298	ug/l #	4
36) 1,1-Dichloropropene	7.789	75	10212	4.813	ug/l #	50
37) Ethyl Acetate	6.978	43	2329	2.490	ug/l #	1
38) Carbon Tetrachloride	7.795	117	14169	5.171	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	50927	51.410	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50927	105.927	ug/l #	13

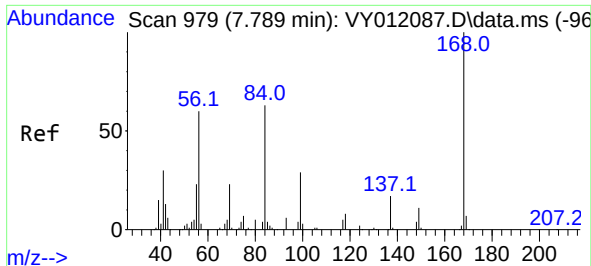
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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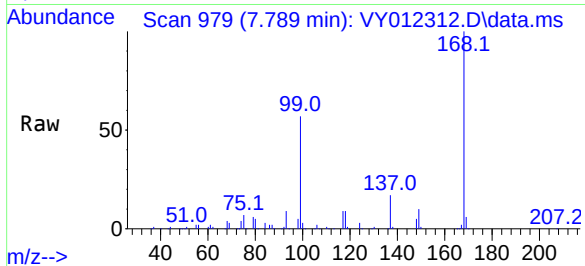
Quant Time: Jan 23 15:16:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
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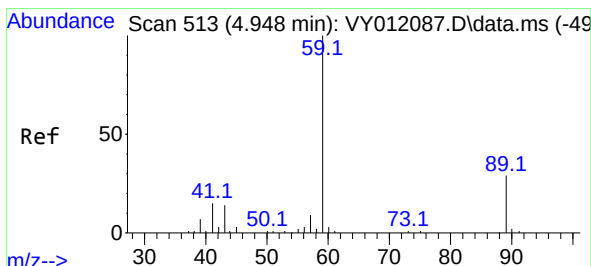
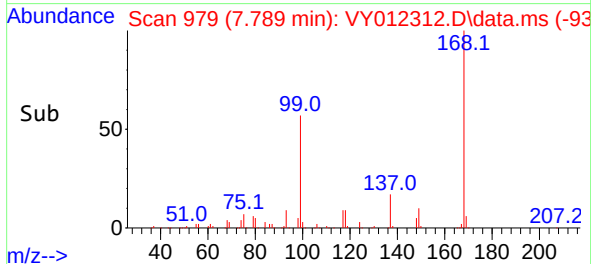
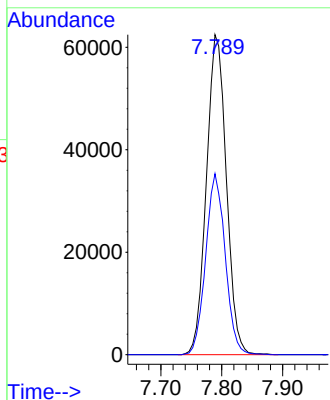


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :

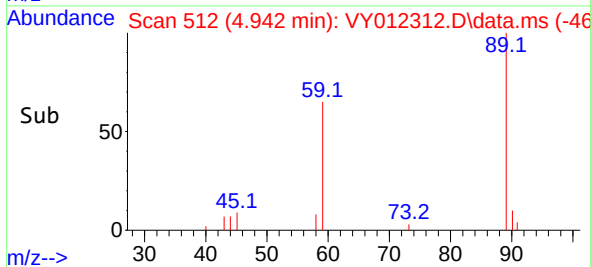
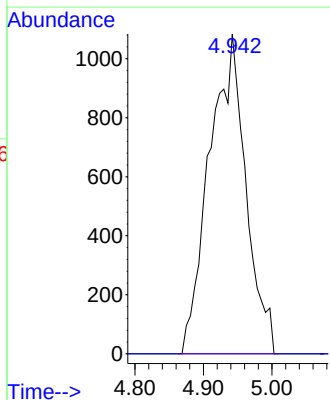
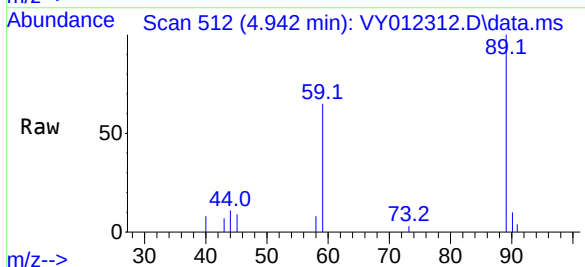


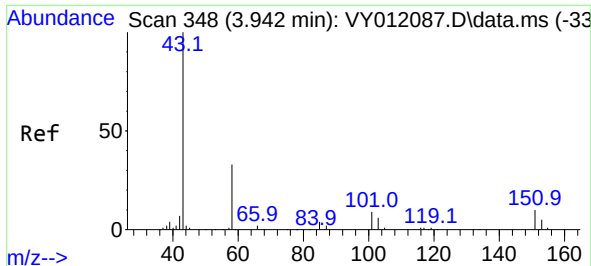
Tgt Ion:168 Resp: 142002
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 17.170 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Tgt Ion: 59 Resp: 4000
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

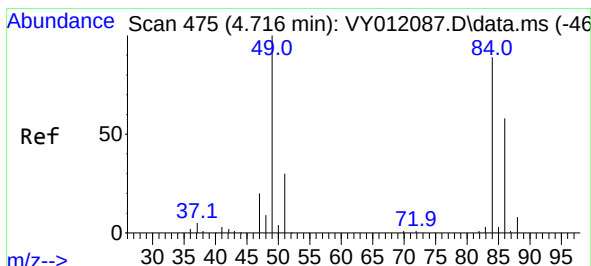
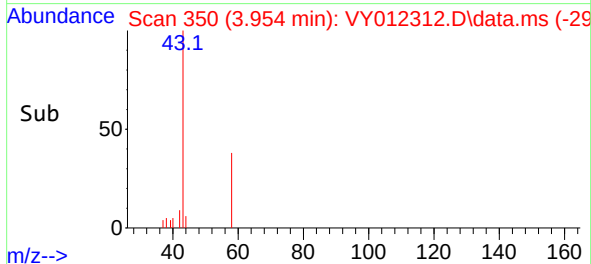
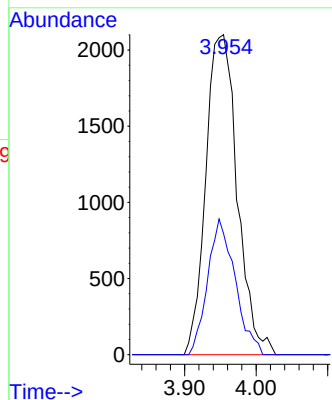
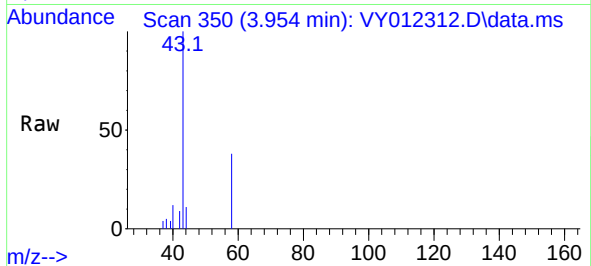




#16
Acetone
Concen: 16.246 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

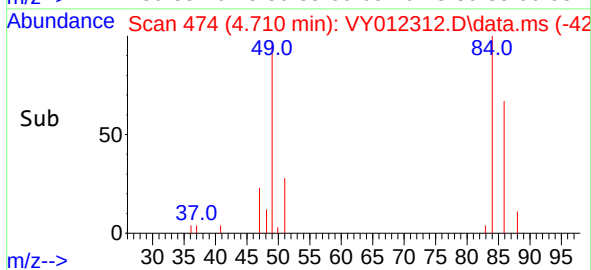
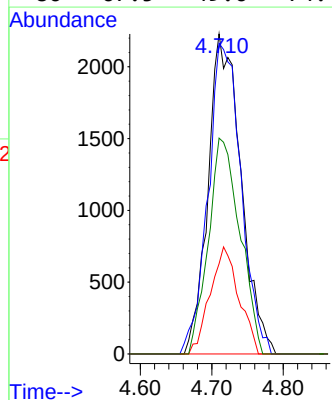
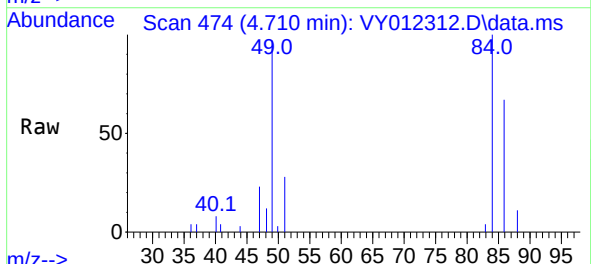
Instrument :
MSVOA_Y
ClientSampleId :

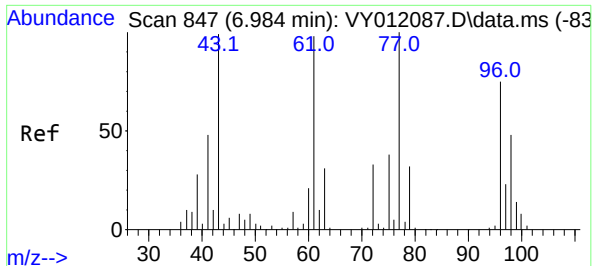
Tgt Ion: 43 Resp: 6424
Ion Ratio Lower Upper
43 100
58 37.8 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Tgt Ion: 84 Resp: 7095
Ion Ratio Lower Upper
84 100
49 97.0 95.4 143.2
51 28.2 29.9 44.9#
86 67.5 49.6 74.4

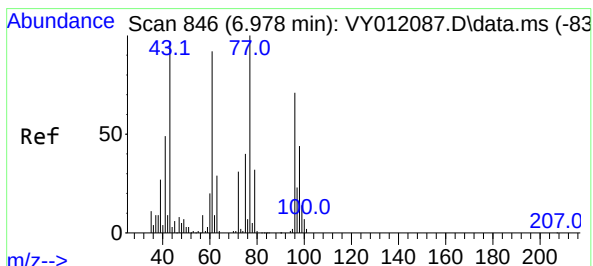
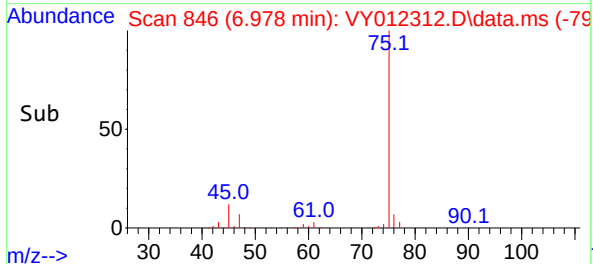
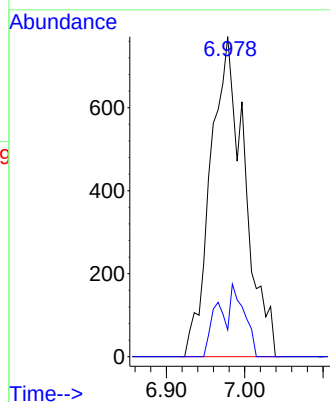
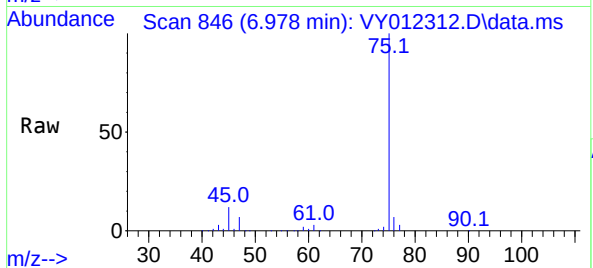




#25
2-Butanone
Concen: 5.335 ug/l
RT: 6.978 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

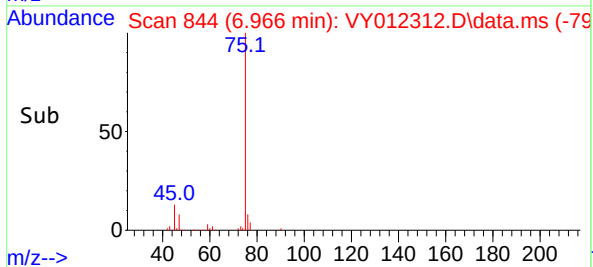
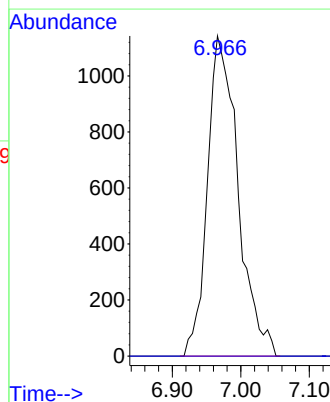
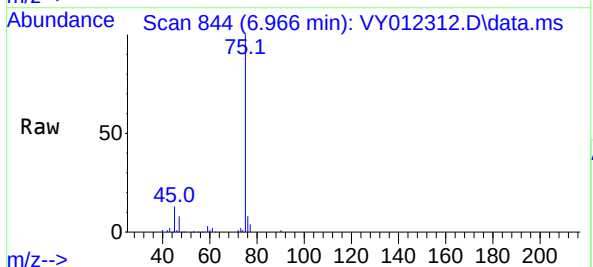
Instrument :
MSVOA_Y
ClientSampleId :

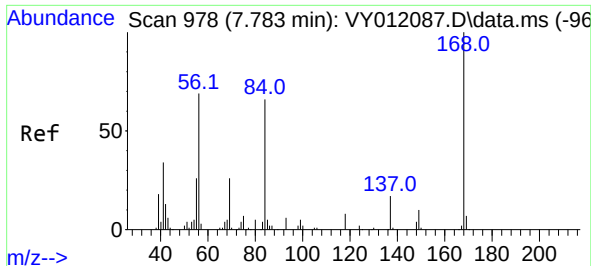
Tgt Ion: 43 Resp: 2329
Ion Ratio Lower Upper
43 100
72 8.4 22.6 34.0#



#26
2,2-Dichloropropane
Concen: 1.464 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Tgt Ion: 77 Resp: 3543
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#

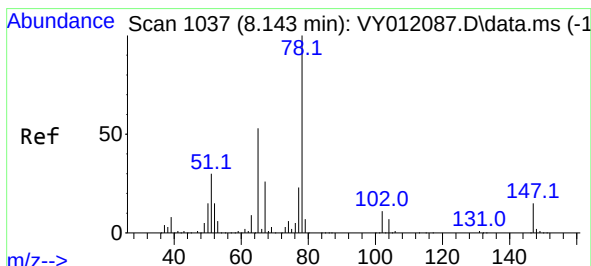
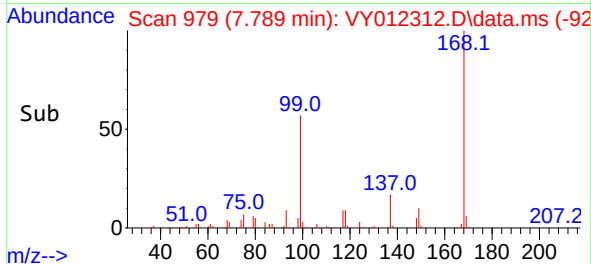
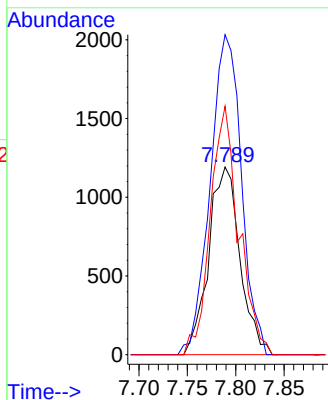
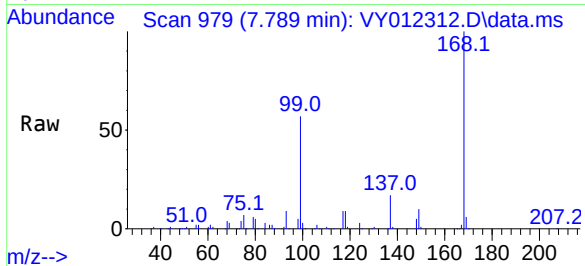




#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

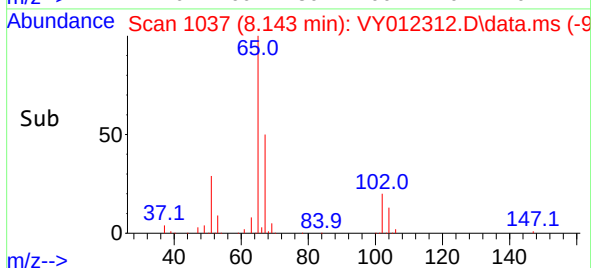
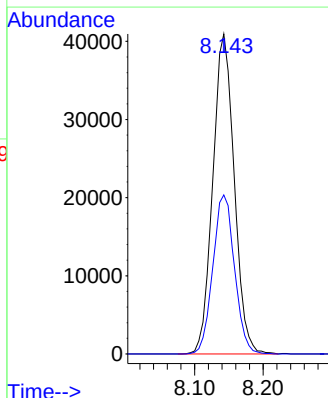
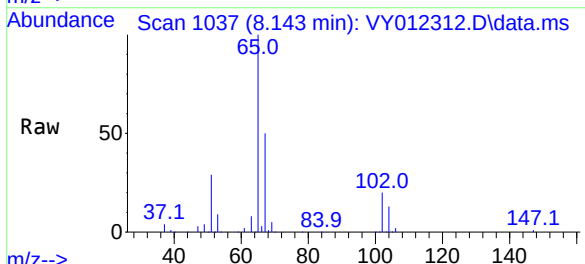
Instrument :
MSVOA_Y
ClientSampleId :

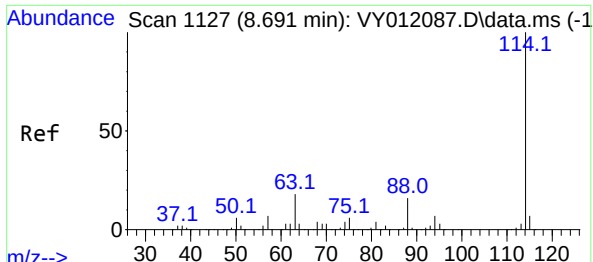
Tgt Ion: 56 Resp: 2687
Ion Ratio Lower Upper
56 100
69 170.6 29.2 43.8#
84 132.5 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 77.507 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Tgt Ion: 65 Resp: 88682
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.2



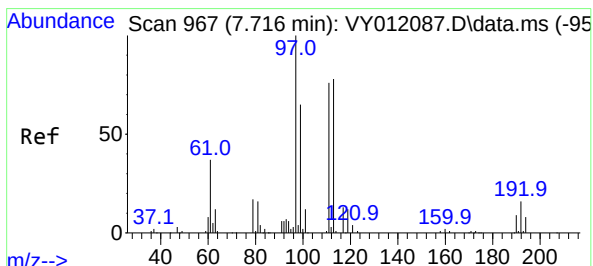
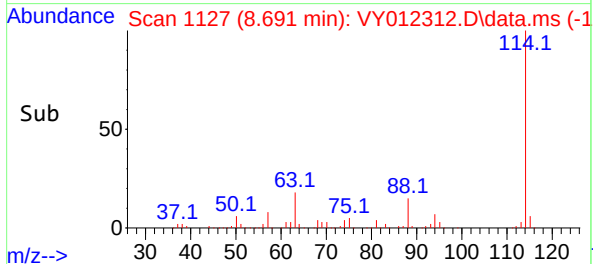
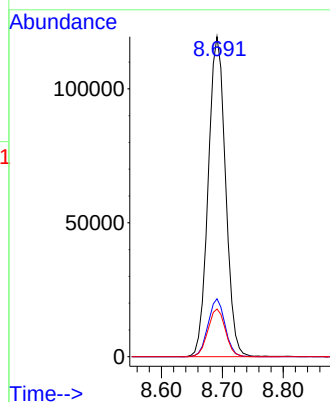
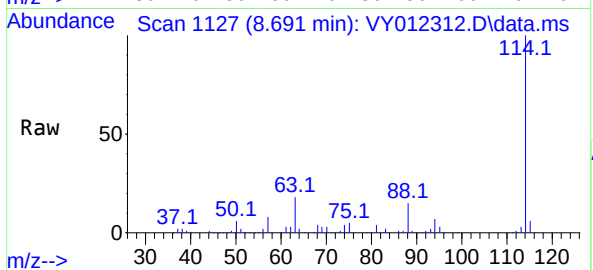


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 235758

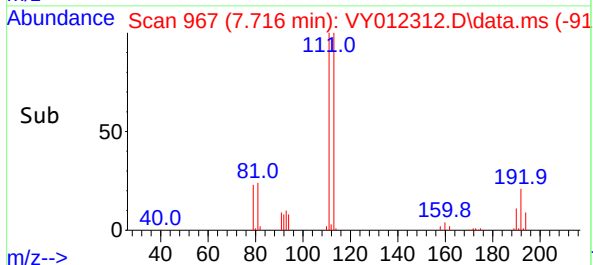
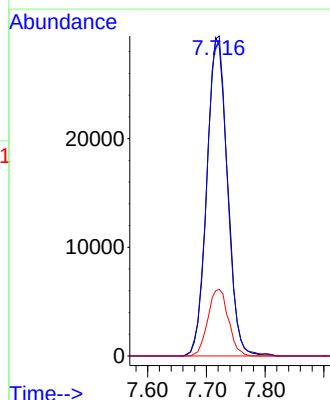
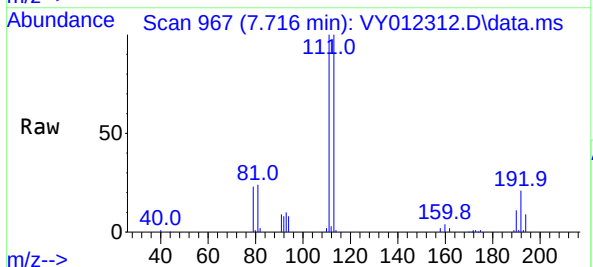
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.6
88	14.9	0.0	32.2

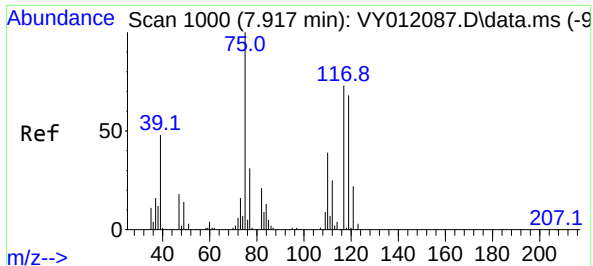


#35
Dibromofluoromethane
Concen: 57.017 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Tgt Ion:113 Resp: 71176

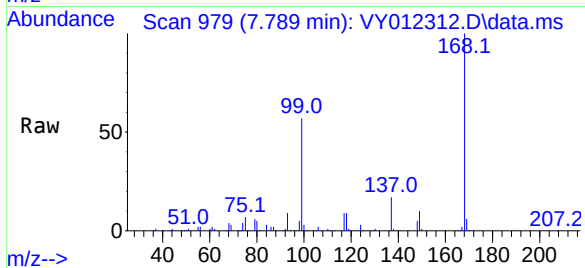
Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.0	124.4
192	20.9	16.0	24.0



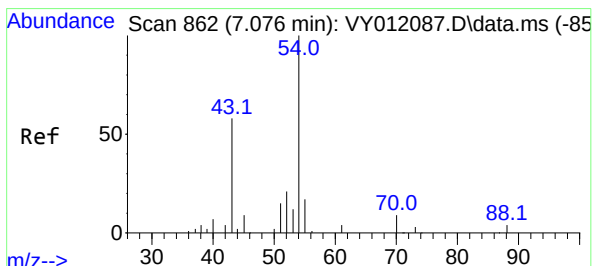
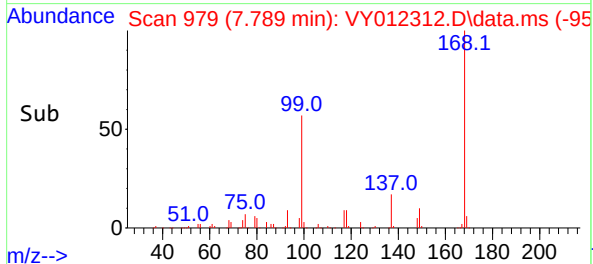
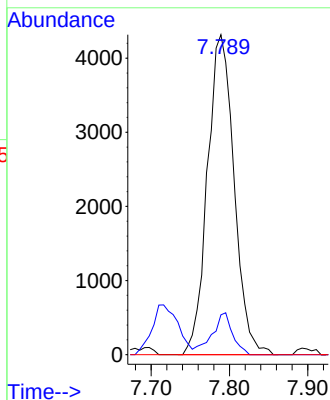


#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :

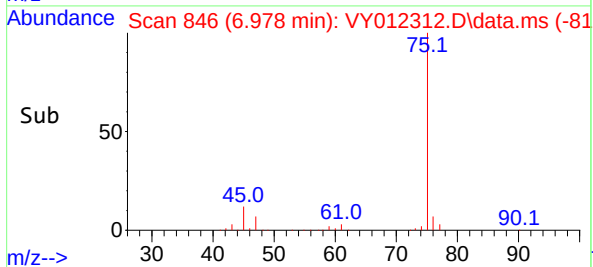
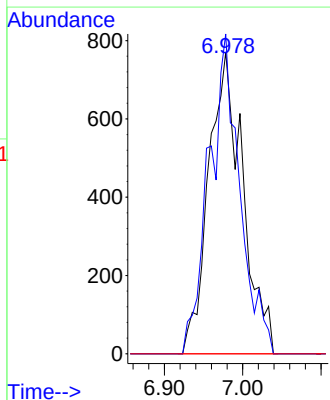
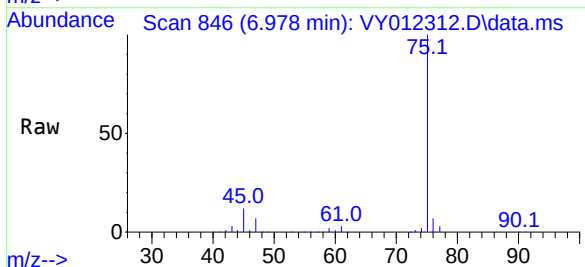


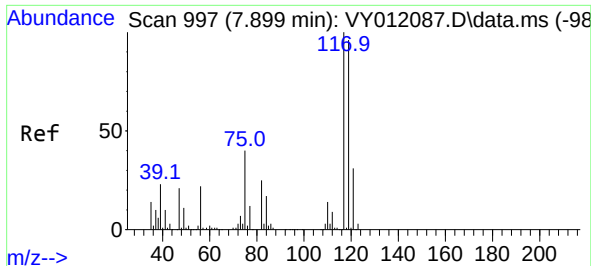
Tgt Ion: 75 Resp: 10212
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.1#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.490 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.098 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

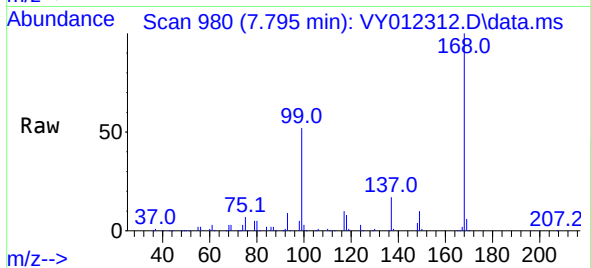
Tgt Ion: 43 Resp: 2329
Ion Ratio Lower Upper
43 100
61 95.8 11.3 16.9#
70 0.0 8.2 12.4#



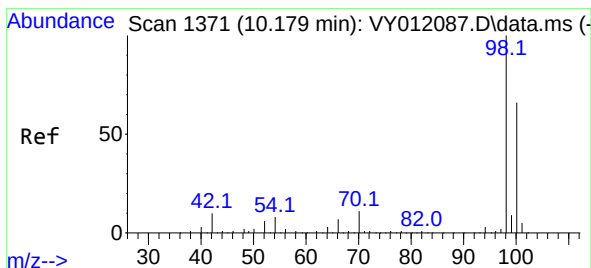
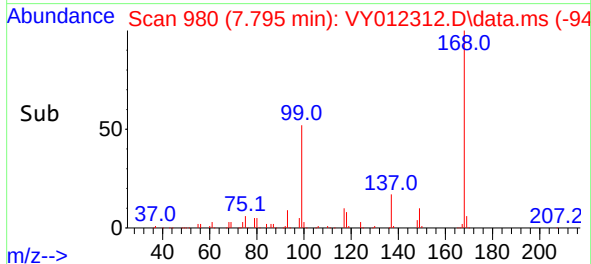
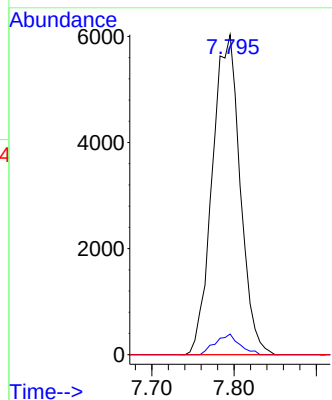


#38
Carbon Tetrachloride
Concen: 5.171 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :

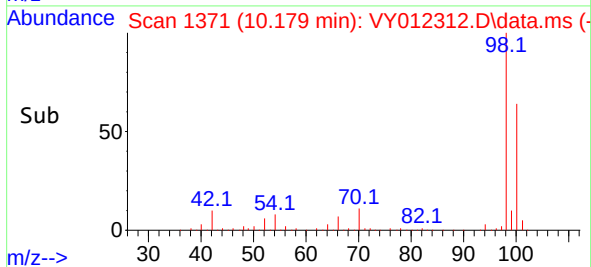
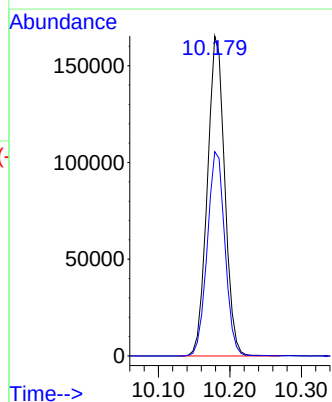
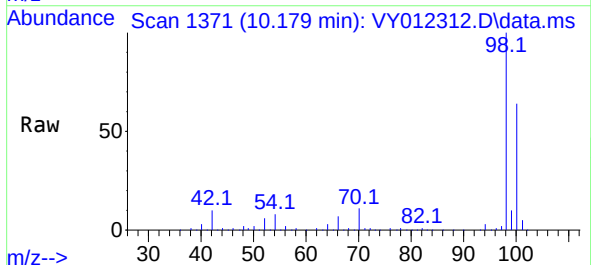


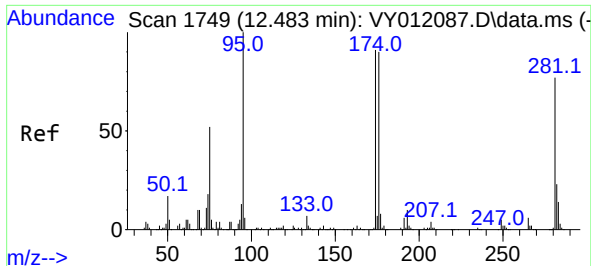
Tgt Ion:117 Resp: 14169
Ion Ratio Lower Upper
117 100
119 6.5 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.814 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Tgt Ion: 98 Resp: 278739
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

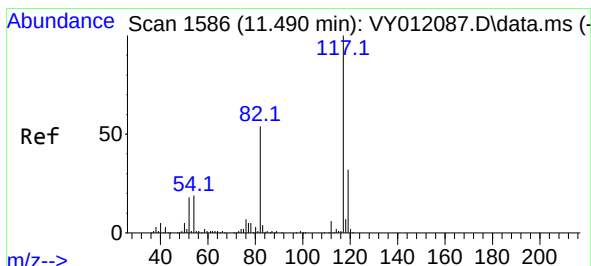
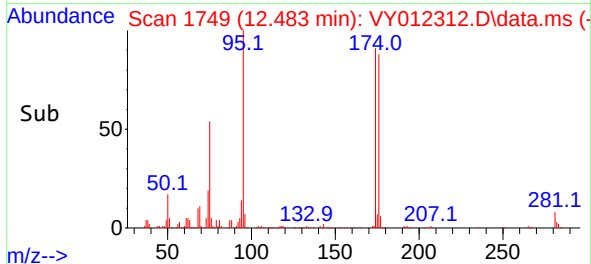
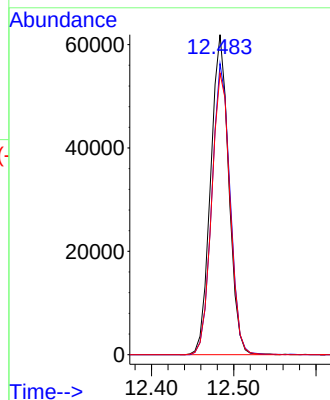
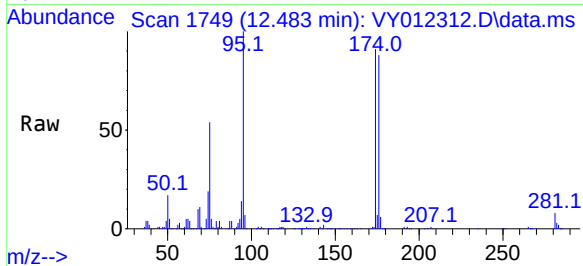




#62
4-Bromofluorobenzene
Concen: 53.931 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

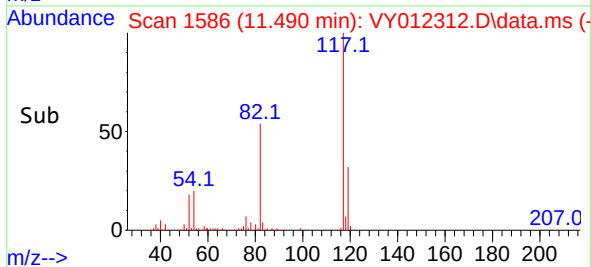
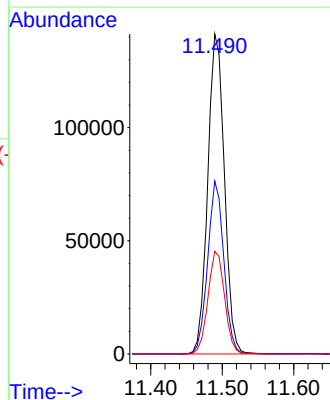
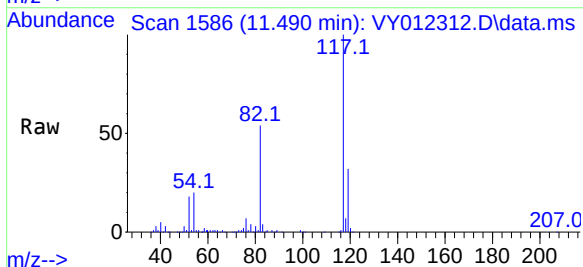
Instrument :
MSVOA_Y
ClientSampleId :

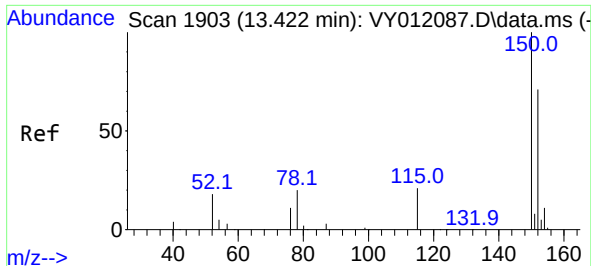
Tgt Ion: 95 Resp: 94907
Ion Ratio Lower Upper
95 100
174 91.0 0.0 172.0
176 89.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

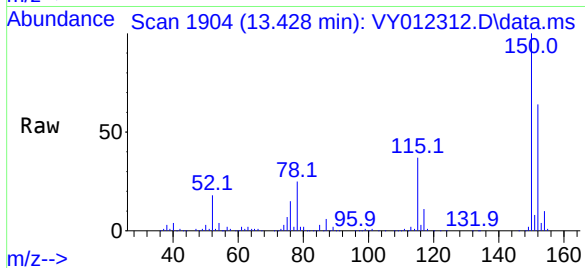
Tgt Ion:117 Resp: 228539
Ion Ratio Lower Upper
117 100
82 54.1 44.8 67.2
119 32.1 25.4 38.2



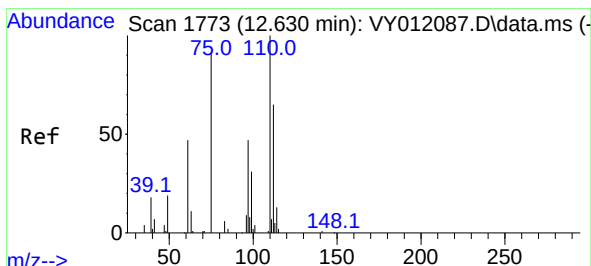
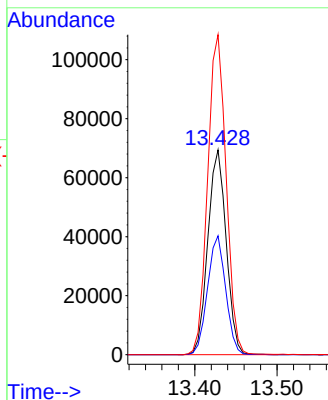
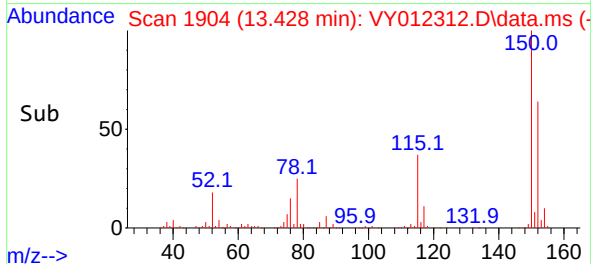


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

Instrument :
MSVOA_Y
ClientSampleId :

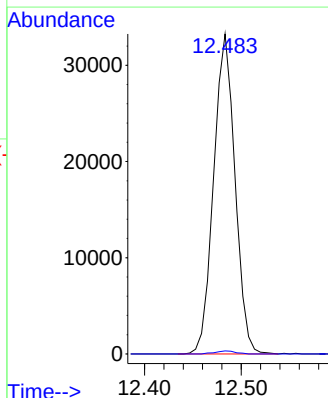
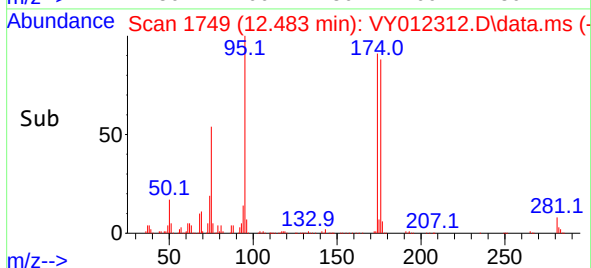
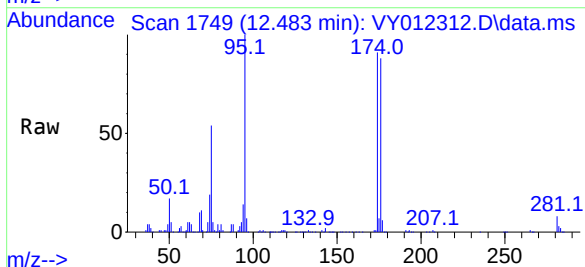


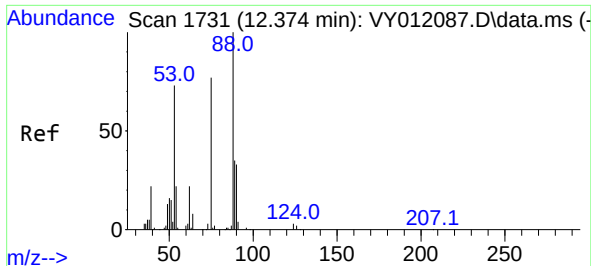
Tgt Ion:152 Resp: 107729
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 157.3 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 51.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012312.D
Acq: 23 Jan 2023 14:37

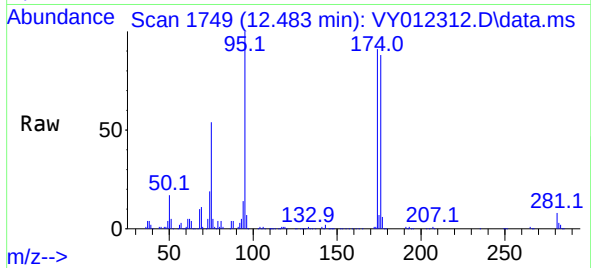
Tgt Ion: 75 Resp: 50927
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.927 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012312.D
 Acq: 23 Jan 2023 14:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 50927
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

