

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012325.D
 Acq On : 23 Jan 2023 19:42
 Operator : KP/MD
 Sample : 01243-01
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 01:30:48 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)

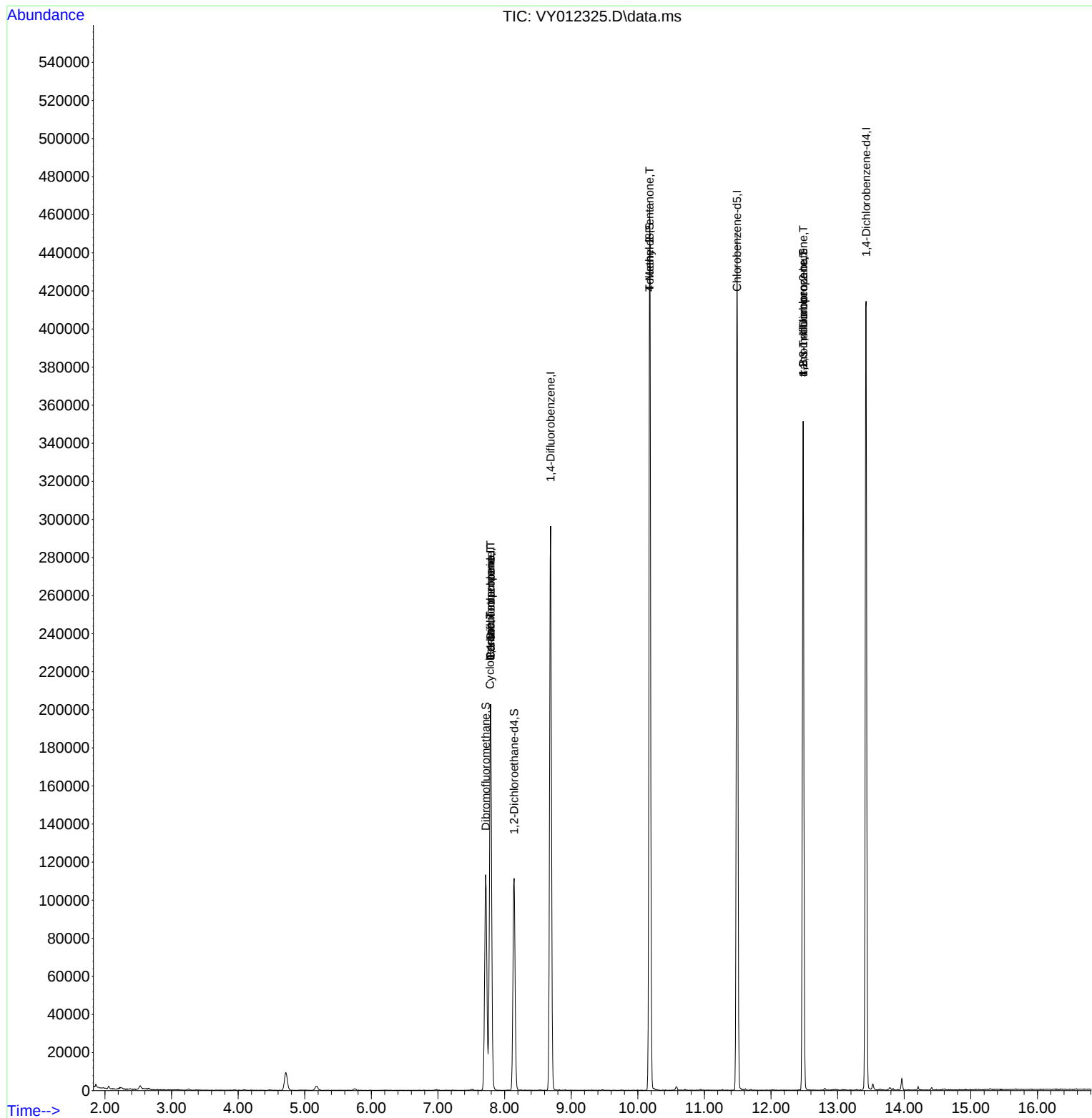
Internal Standards						
1) Pentafluorobenzene	7.789	168	157990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96238	75.494	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 150.980%			
35) Dibromofluoromethane	7.716	113	75582	55.206	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.420%			
50) Toluene-d8	10.179	98	310648	66.956	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 133.920%			
62) 4-Bromofluorobenzene	12.483	95	100474	52.059	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.120%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	110	Below Cal	#	74
20) Methylene Chloride	4.716	84	8158	Below Cal	#	85
31) Cyclohexane	7.783	56	2764	1.200	ug/l #	9
36) 1,1-Dichloropropene	7.789	75	11136	4.786	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15816	5.263	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1126	1.107	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	54490	52.800	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54490	108.792	ug/l #	13

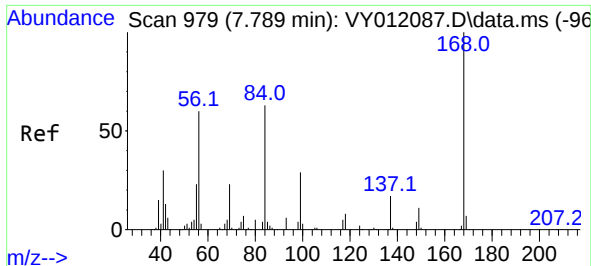
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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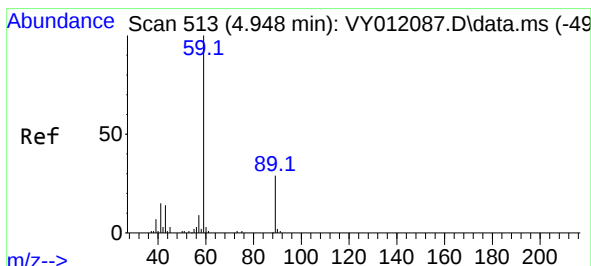
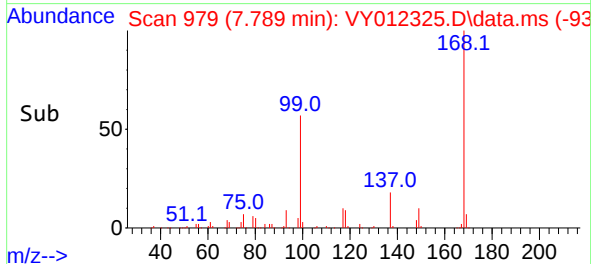
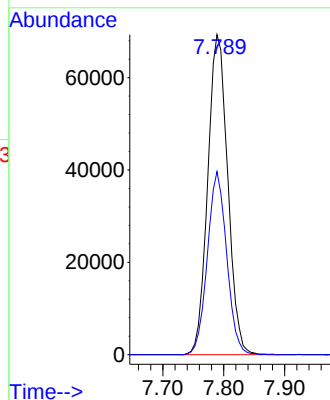
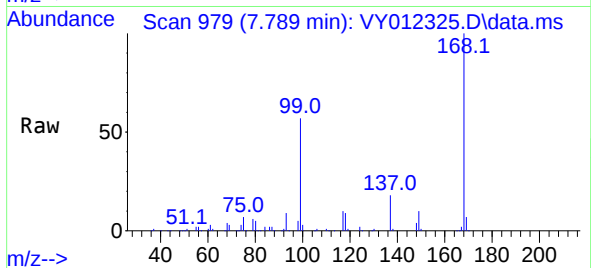




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

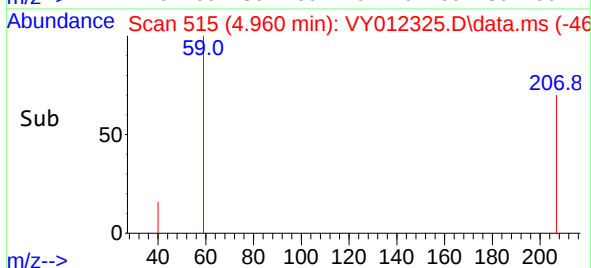
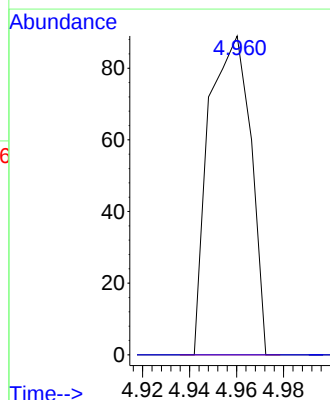
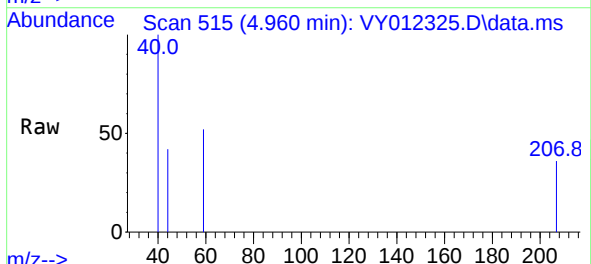
Instrument :
MSVOA_Y
ClientSampleId :

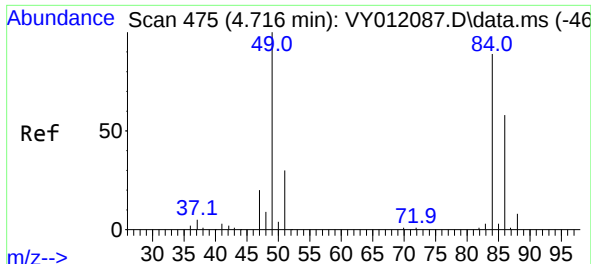
Tgt Ion:168 Resp: 157990
Ion Ratio Lower Upper
168 100
99 57.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

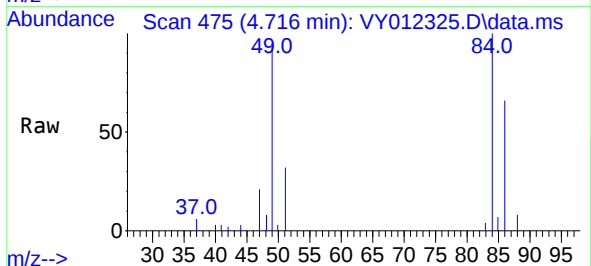
Tgt Ion: 59 Resp: 110
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





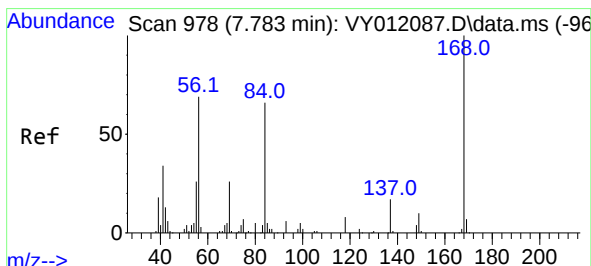
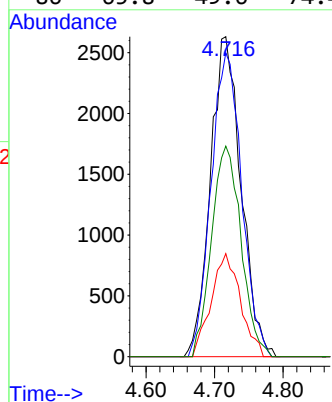
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 8158

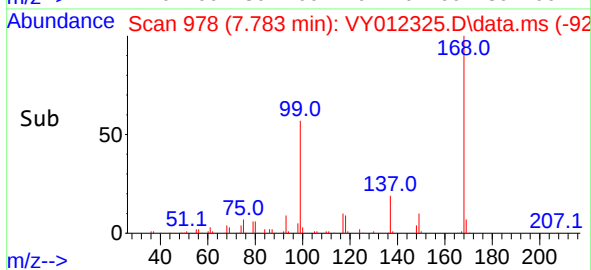
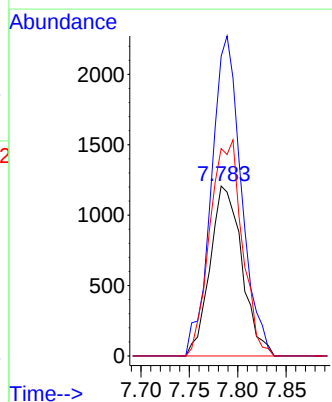
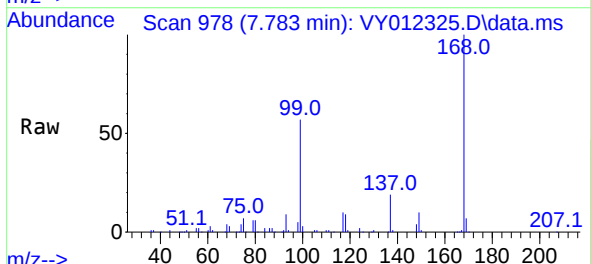
Ion	Ratio	Lower	Upper
84	100		
49	94.9	95.4	143.2#
51	32.2	29.9	44.9
86	65.8	49.6	74.4

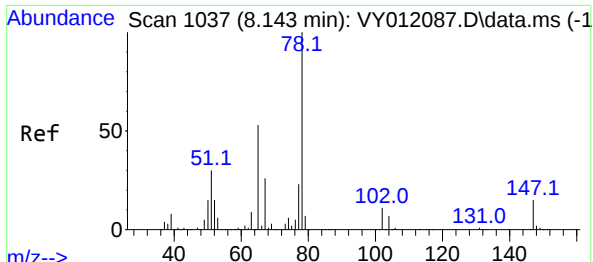


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Tgt Ion: 56 Resp: 2764

Ion	Ratio	Lower	Upper
56	100		
69	176.4	29.2	43.8#
84	122.0	72.6	108.8#

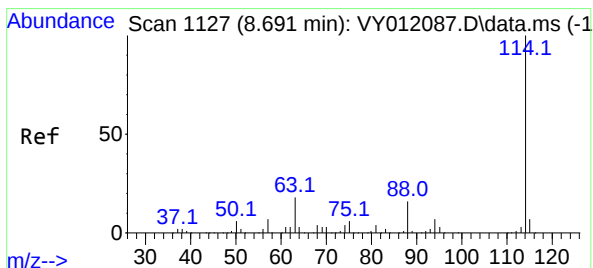
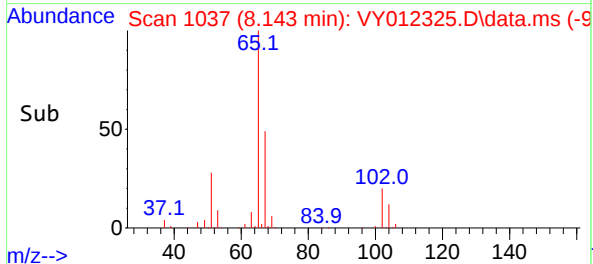
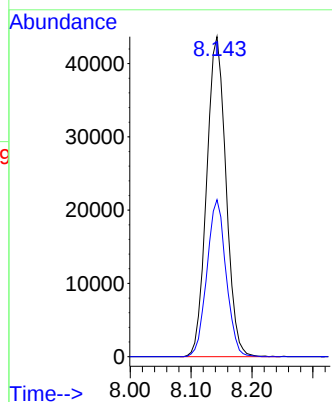
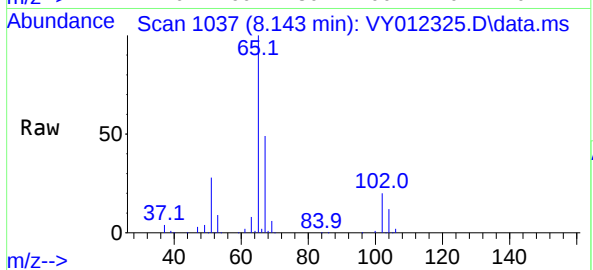




#33
1,2-Dichloroethane-d4
Concen: 75.494 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

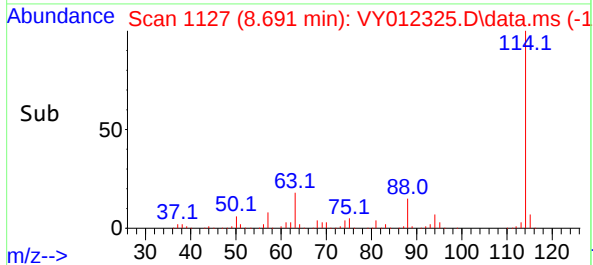
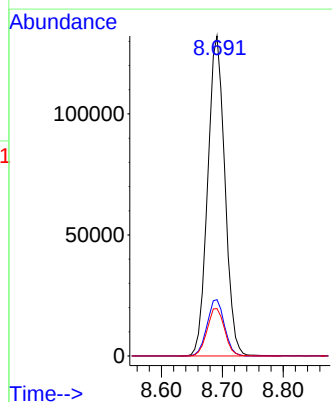
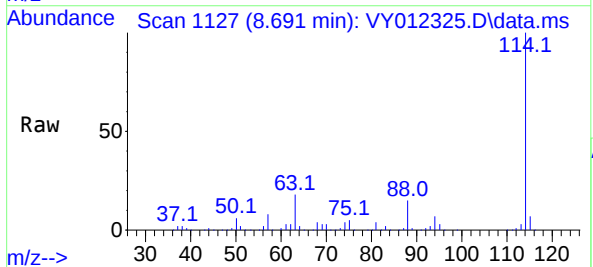
Instrument :
MSVOA_Y
ClientSampleId :

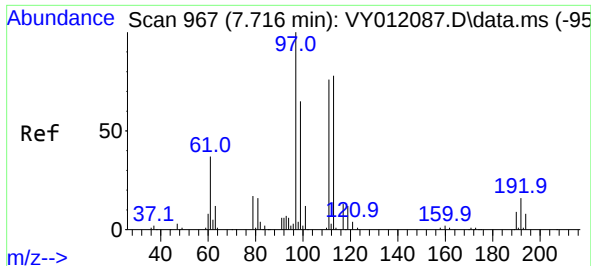
Tgt Ion: 65 Resp: 96238
Ion Ratio Lower Upper
65 100
67 48.6 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Tgt Ion:114 Resp: 258565
Ion Ratio Lower Upper
114 100
63 17.6 0.0 39.6
88 14.8 0.0 32.2

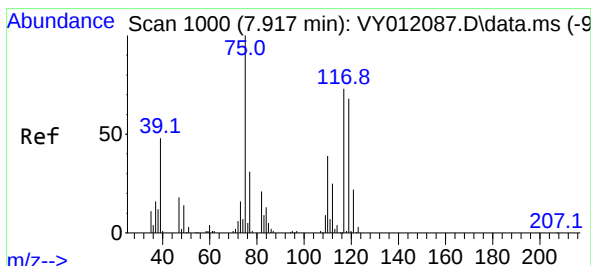
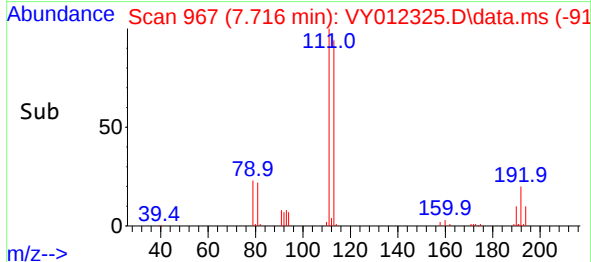
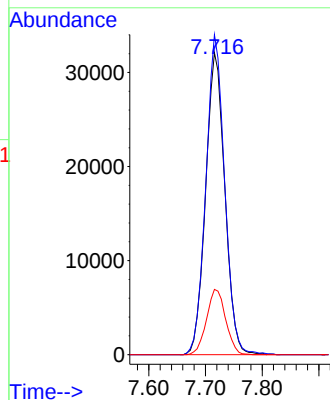
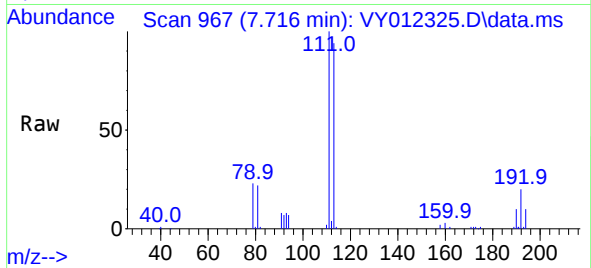




#35
Dibromofluoromethane
Concen: 55.206 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

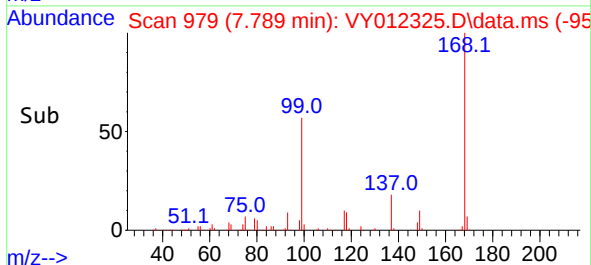
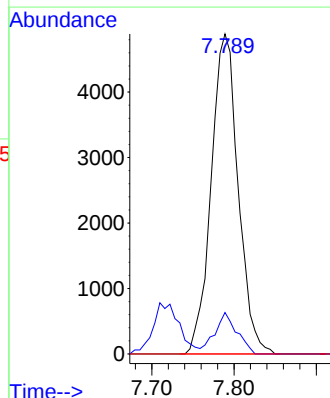
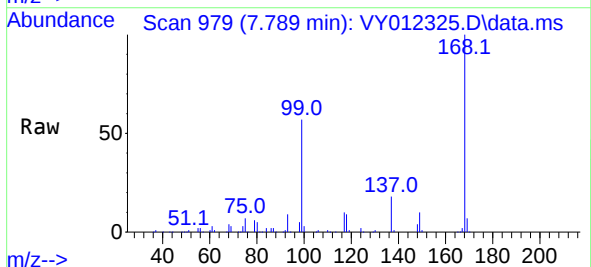
Instrument :
MSVOA_Y
ClientSampleId :

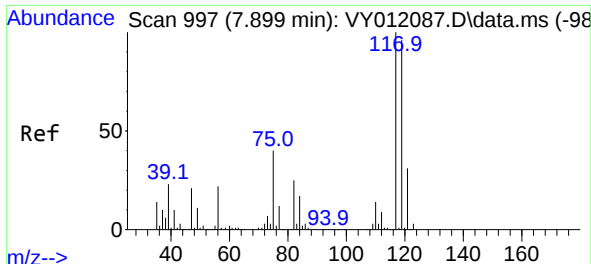
Tgt Ion:113 Resp: 75582
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.4
192 21.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.786 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

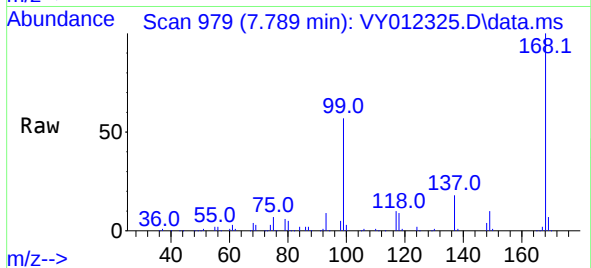
Tgt Ion: 75 Resp: 11136
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.1#
77 0.0 25.1 37.7#



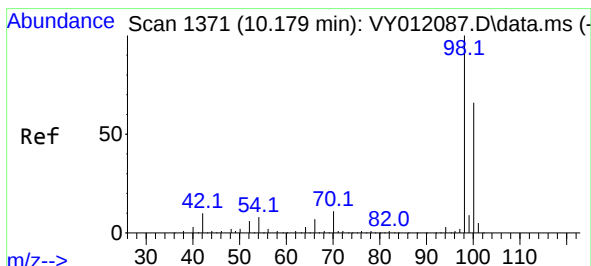
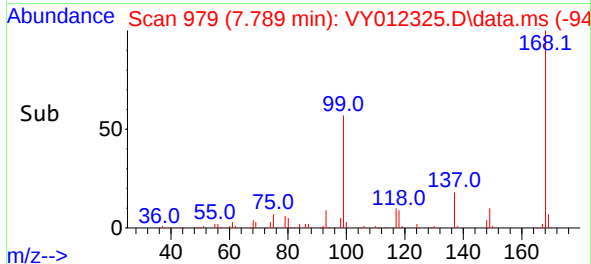
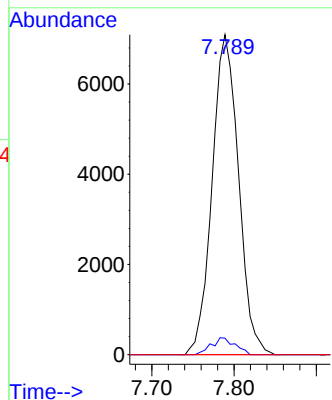


#38
Carbon Tetrachloride
Concen: 5.263 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Instrument :
MSVOA_Y
ClientSampleId :

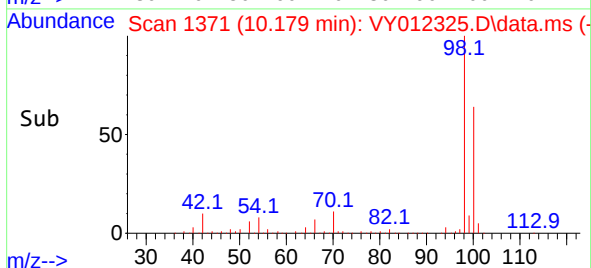
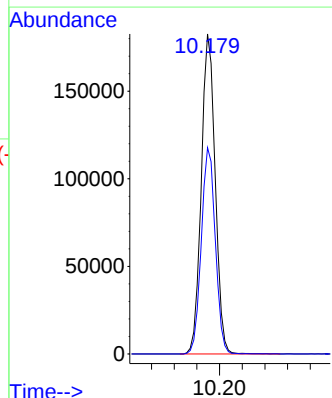
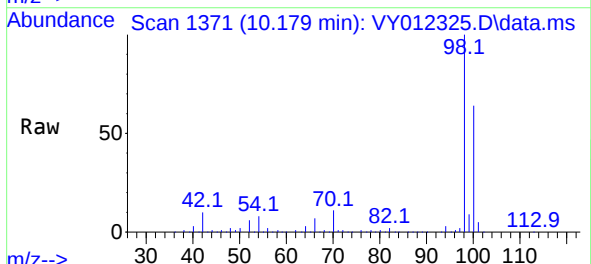


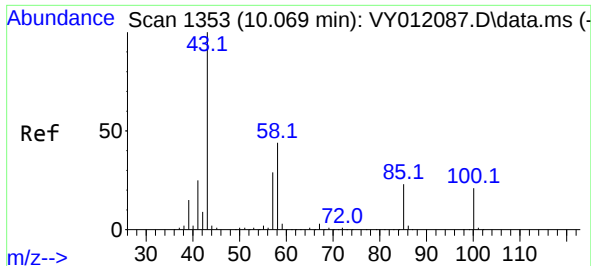
Tgt Ion:117 Resp: 15816
Ion Ratio Lower Upper
117 100
119 5.2 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.956 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Tgt Ion: 98 Resp: 310648
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

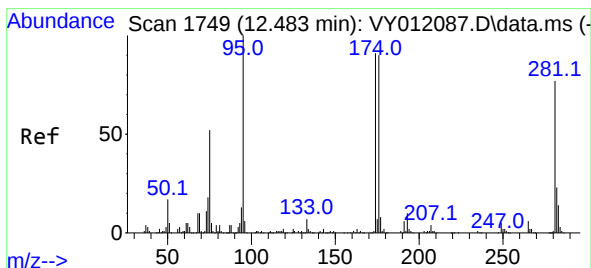
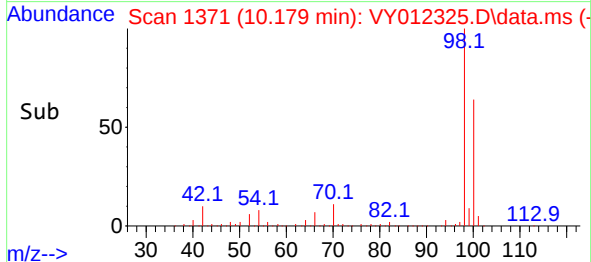
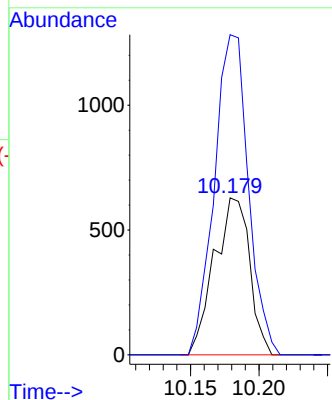
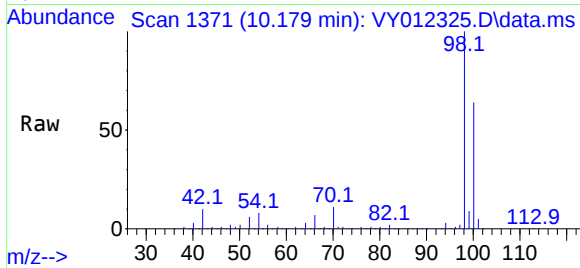




#51
4-Methyl-2-Pentanone
Concen: 1.107 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

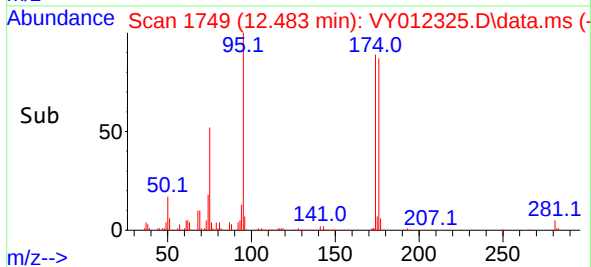
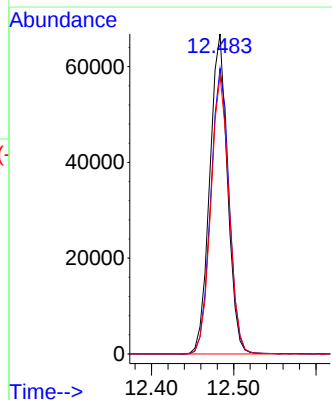
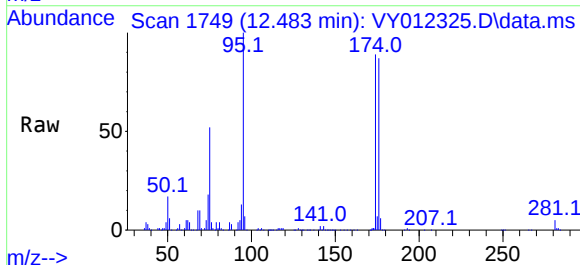
Instrument :
MSVOA_Y
ClientSampleId :

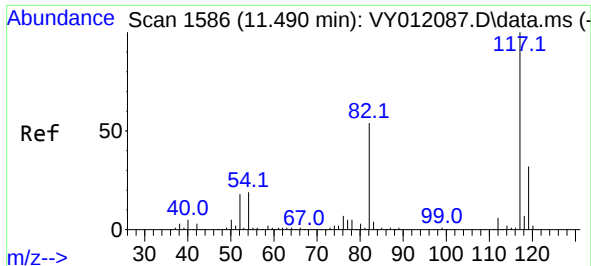
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 197.0 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 52.059 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

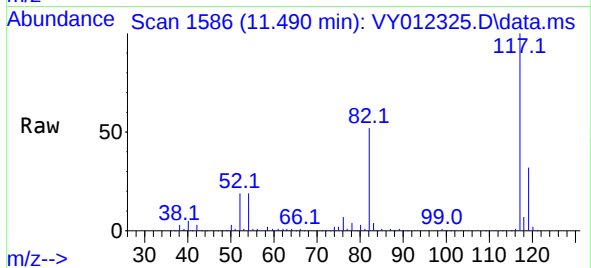
Tgt Ion: 95 Resp: 100474
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.0
176 88.8 0.0 167.6



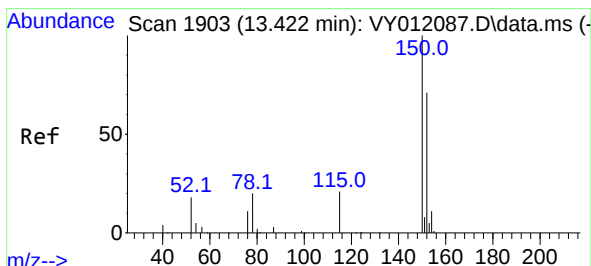
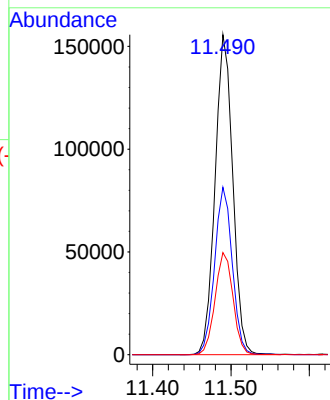
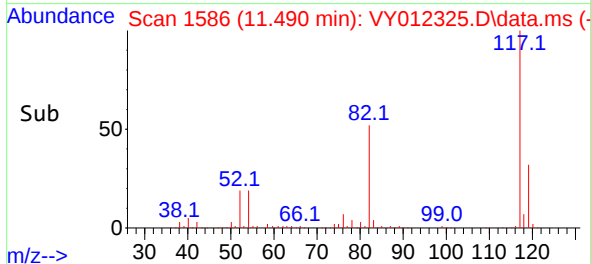


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Instrument :
MSVOA_Y
ClientSampleId :

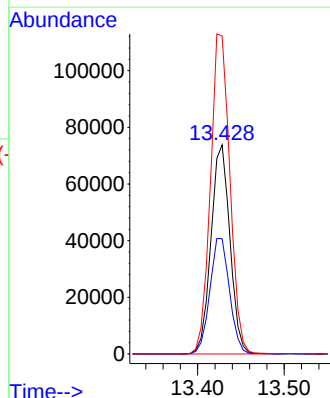
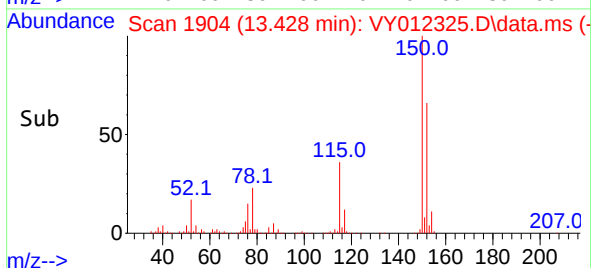
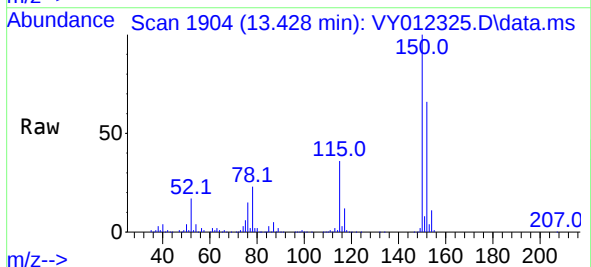


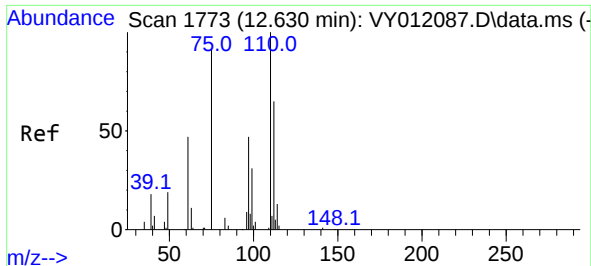
Tgt Ion:117 Resp: 244758
Ion Ratio Lower Upper
117 100
82 52.3 44.8 67.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Tgt Ion:152 Resp: 112231
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 157.3 0.0 342.6

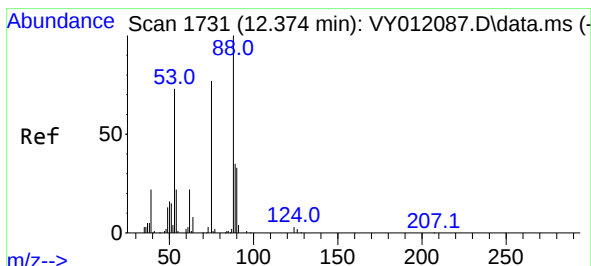
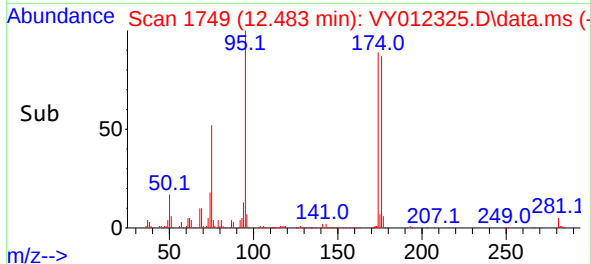
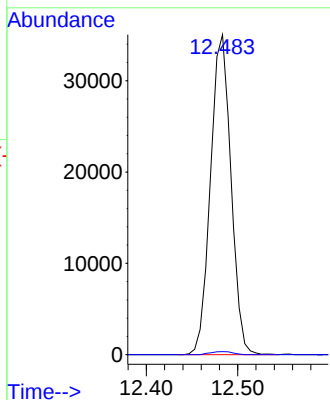
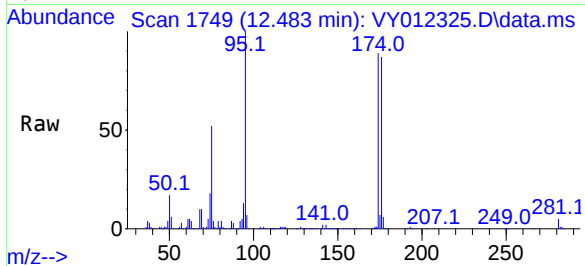




#76
1,2,3-Trichloropropane
Concen: 52.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 54490
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.792 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Tgt Ion: 75 Resp: 54490
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

