

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012336.D
 Acq On : 24 Jan 2023 12:55
 Operator : KP/MD
 Sample : 01243-07RE
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:31:16 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)

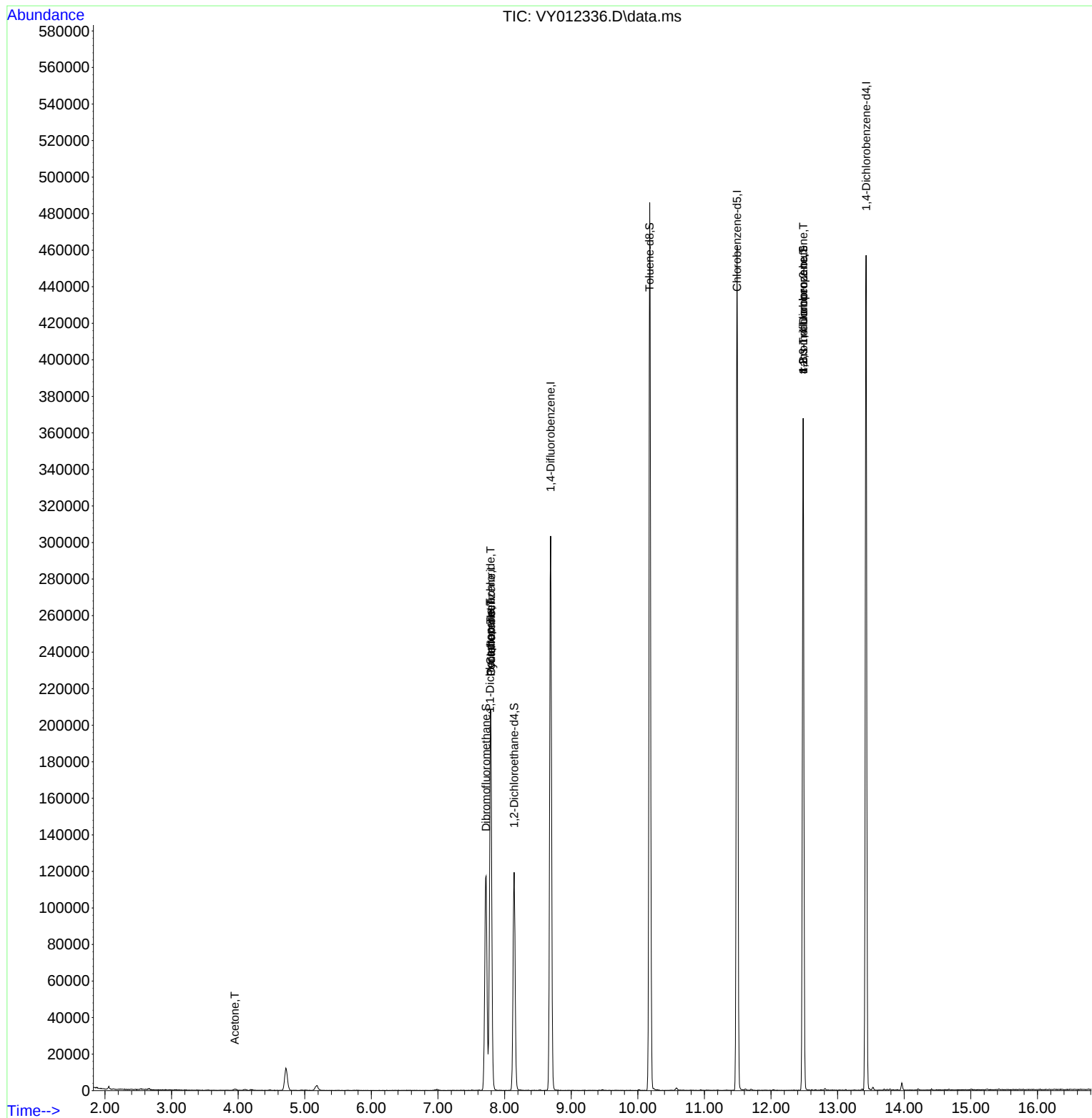
Internal Standards						
1) Pentafluorobenzene	7.795	168	163124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	260428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	100261	76.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 152.420%	
35) Dibromofluoromethane	7.722	113	80805	56.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.940%	
50) Toluene-d8	10.179	98	324347	66.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.760%	
62) 4-Bromofluorobenzene	12.483	95	106751	52.921	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	213	Below Cal	#	74
16) Acetone	3.948	43	1341	2.952	ug/l #	75
20) Methylene Chloride	4.722	84	10207	Below Cal		85
31) Cyclohexane	7.795	56	3013	1.267	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11444	4.706	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15978	5.087	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	58202	52.340	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58202	107.843	ug/l #	13

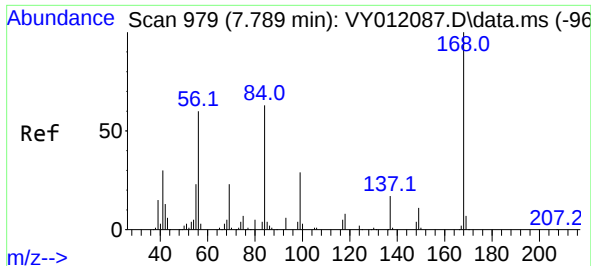
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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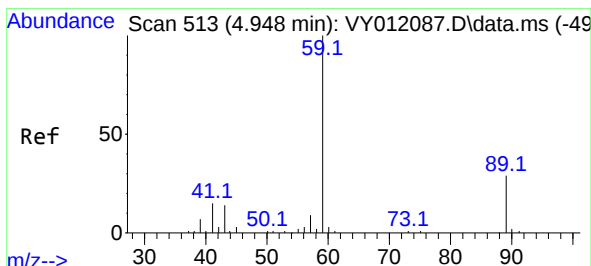
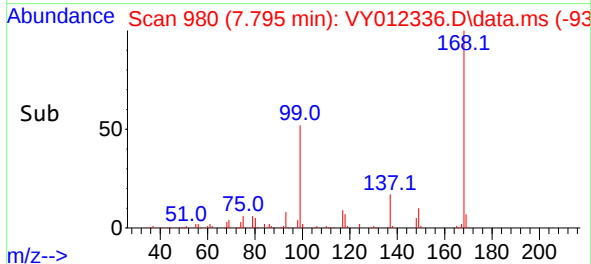
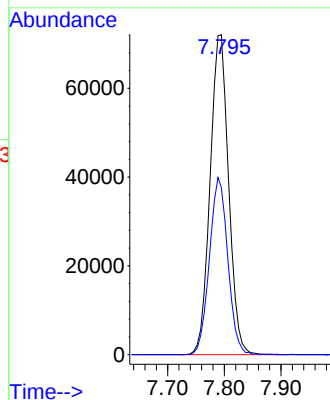
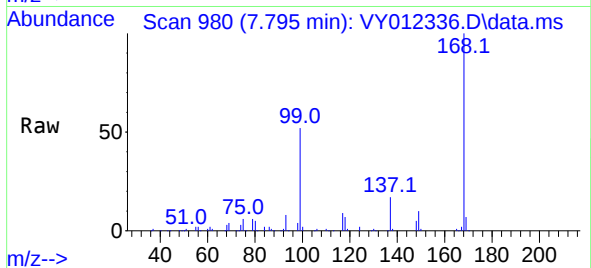




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

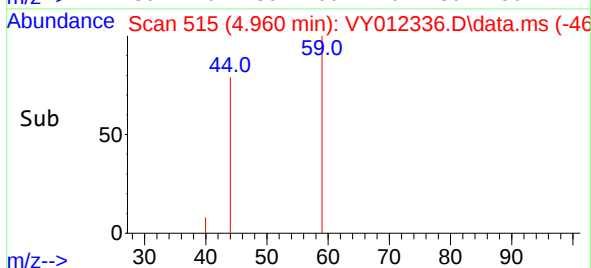
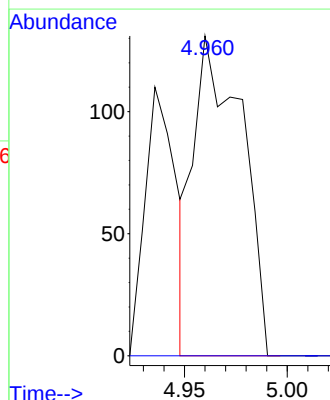
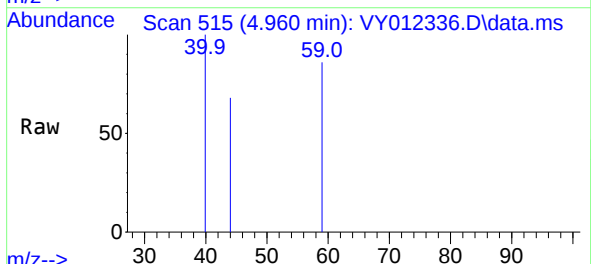
Instrument :
MSVOA_Y
ClientSampleId :

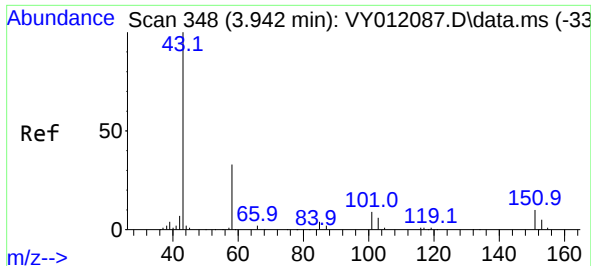
Tgt Ion:168 Resp: 163124
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

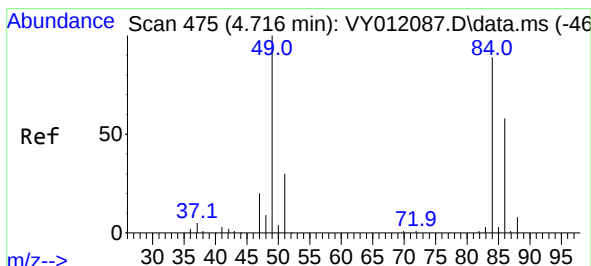
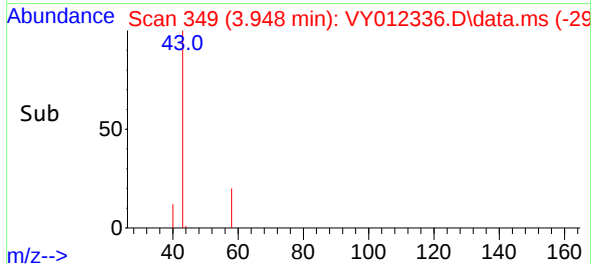
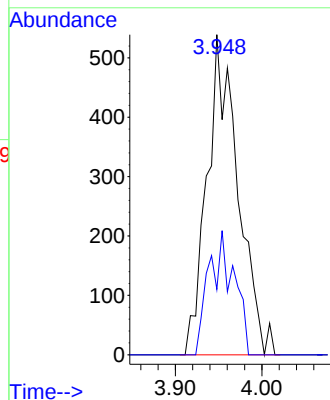
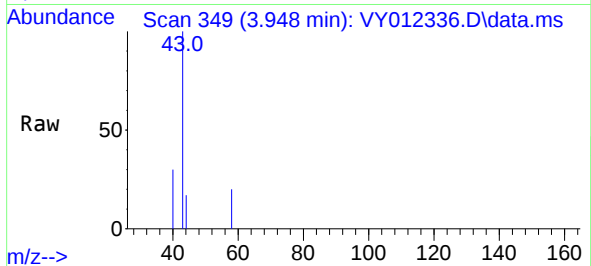




#16
Acetone
Concen: 2.952 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

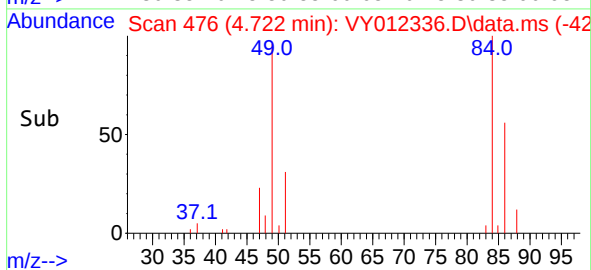
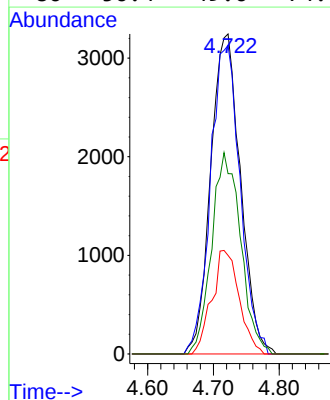
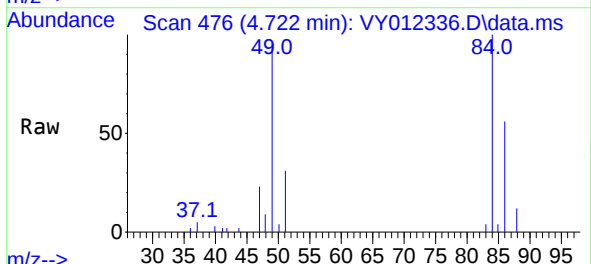
Instrument :
MSVOA_Y
ClientSampleId :

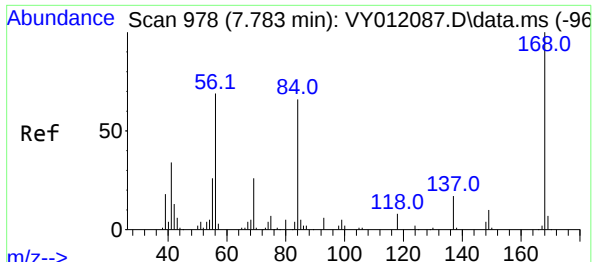
Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
58 20.4 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

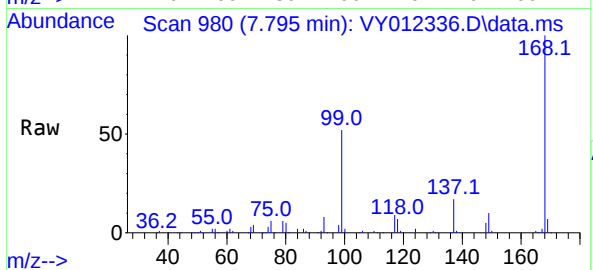
Tgt Ion: 84 Resp: 10207
Ion Ratio Lower Upper
84 100
49 96.4 95.4 143.2
51 30.8 29.9 44.9
86 56.4 49.6 74.4



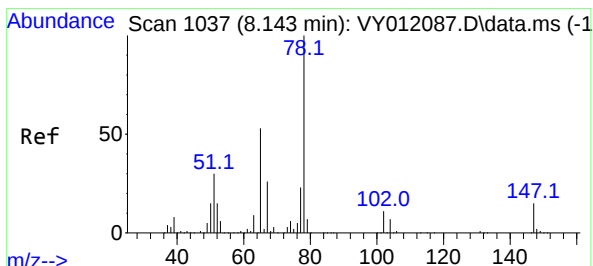
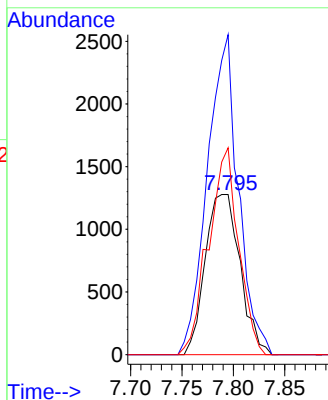
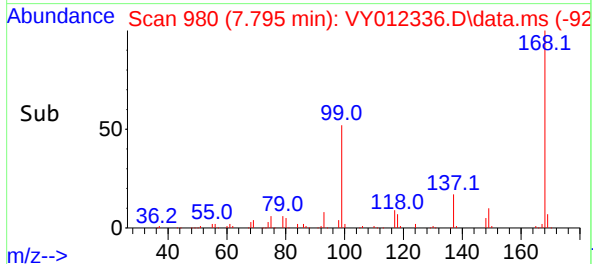


#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

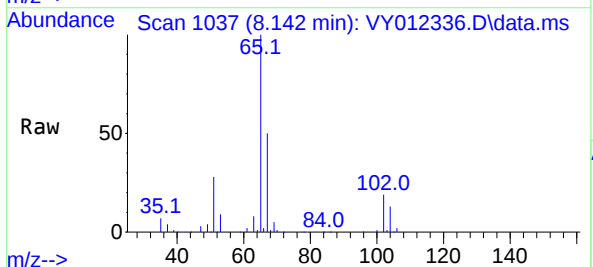
Instrument :
MSVOA_Y
ClientSampleId :



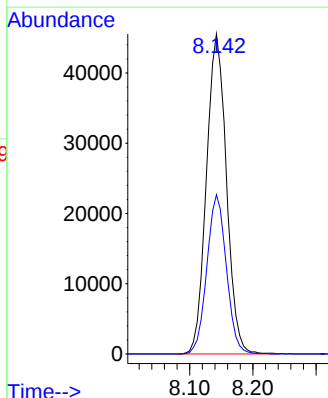
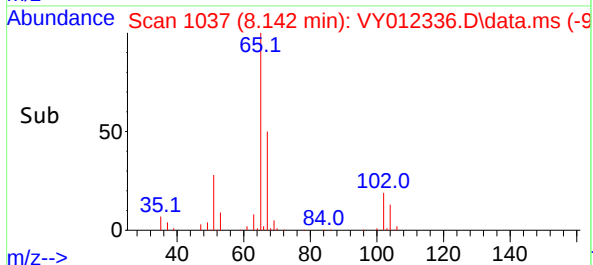
Tgt Ion: 56 Resp: 3013
Ion Ratio Lower Upper
56 100
69 199.8 29.2 43.8#
84 129.1 72.6 108.8#

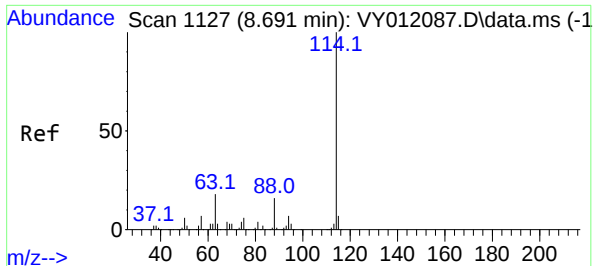


#33
1,2-Dichloroethane-d4
Concen: 76.213 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55



Tgt Ion: 65 Resp: 100261
Ion Ratio Lower Upper
65 100
67 48.5 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: VY012336.D

Acq: 24 Jan 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

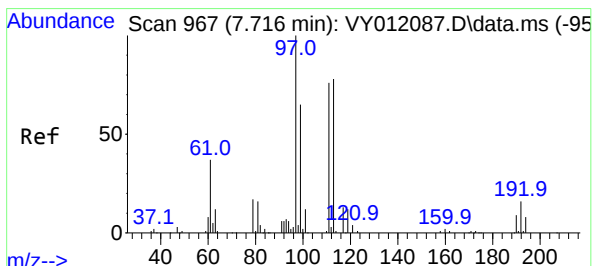
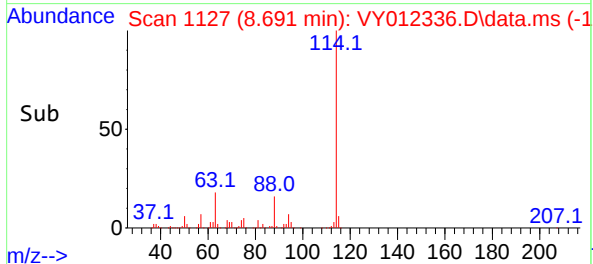
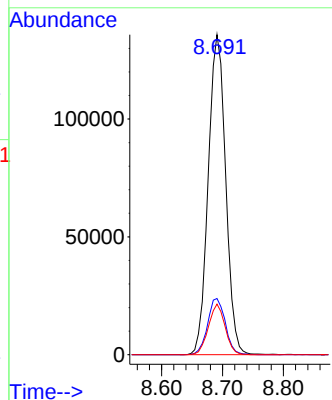
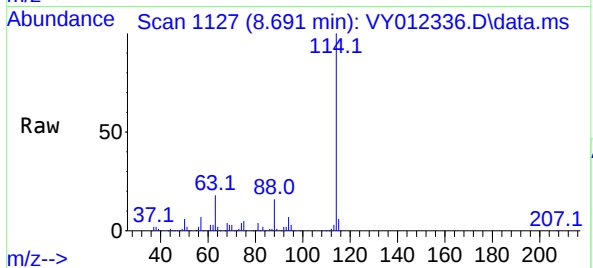
Tgt Ion:114 Resp: 270242

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 15.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.470 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012336.D

Acq: 24 Jan 2023 12:55

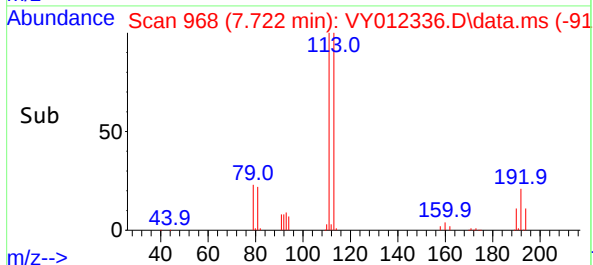
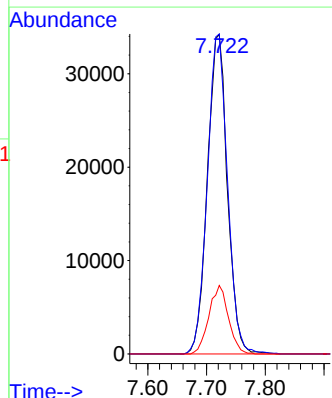
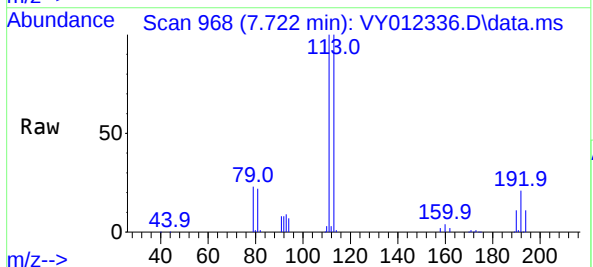
Tgt Ion:113 Resp: 80805

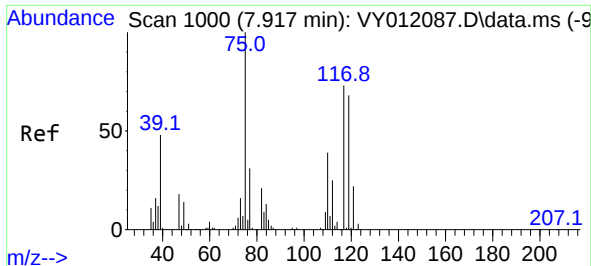
Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.4

192 21.0 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.706 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012336.D

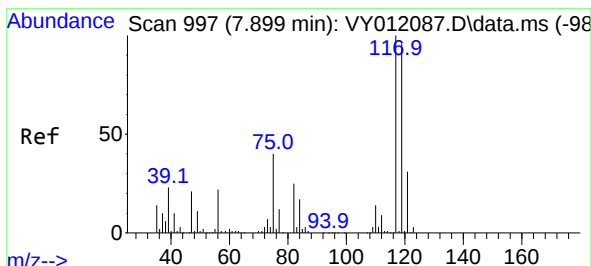
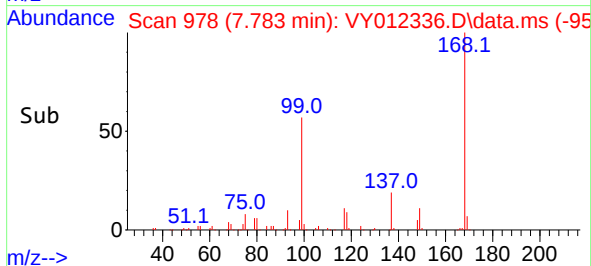
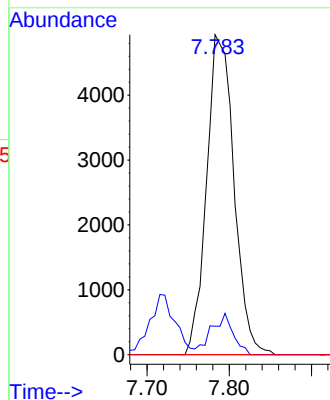
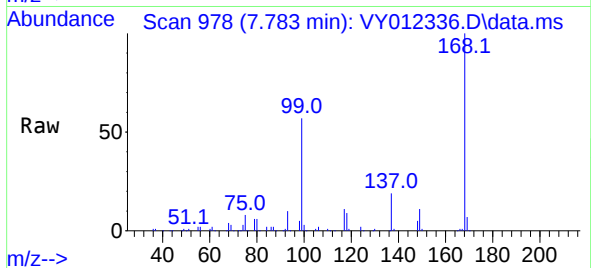
Acq: 24 Jan 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	11444
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.087 ug/l

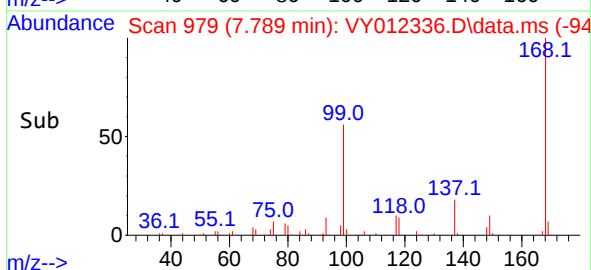
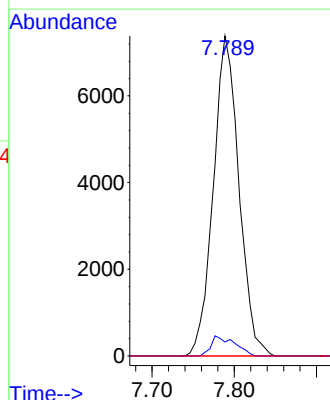
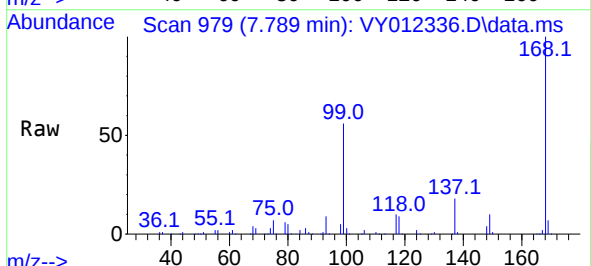
RT: 7.789 min Scan# 979

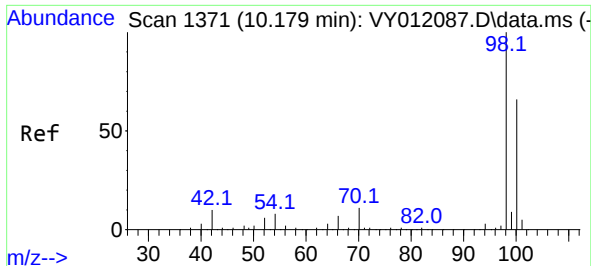
Delta R.T. -0.110 min

Lab File: VY012336.D

Acq: 24 Jan 2023 12:55

Tgt Ion:	117	Resp:	15978
Ion	Ratio	Lower	Upper
117	100		
119	4.4	73.8	110.8#
121	0.0	25.2	37.8#

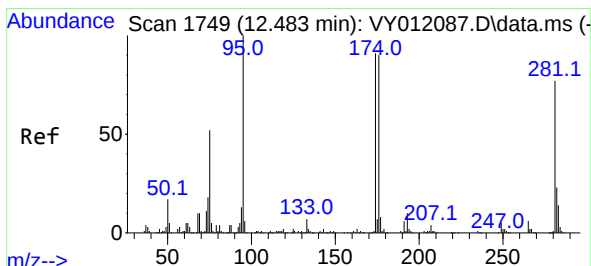
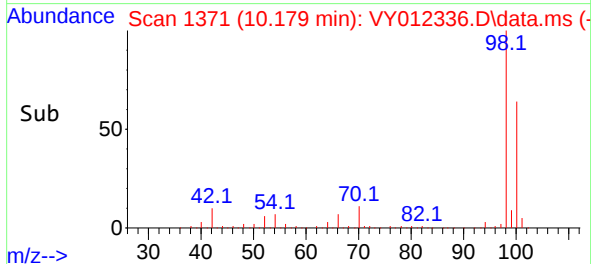
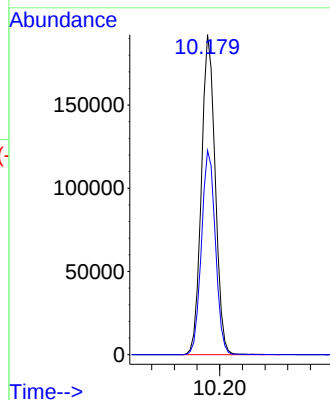
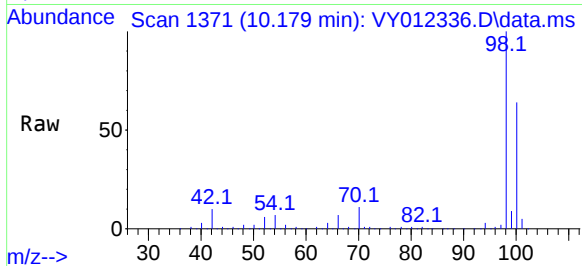




#50
Toluene-d8
Concen: 66.883 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

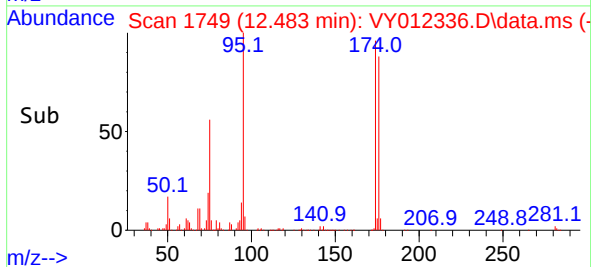
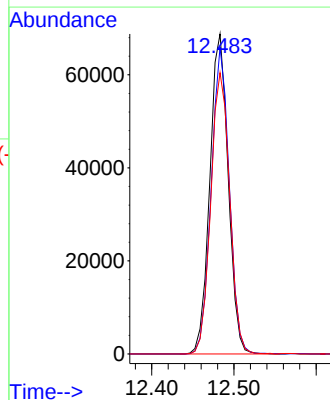
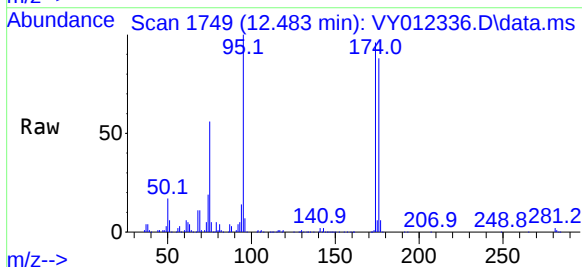
Instrument :
MSVOA_Y
ClientSampleId :

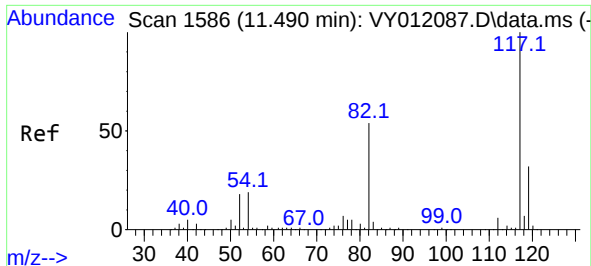
Tgt Ion: 98 Resp: 324347
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.921 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

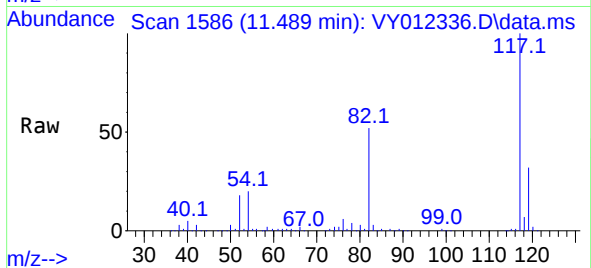
Tgt Ion: 95 Resp: 106751
Ion Ratio Lower Upper
95 100
174 94.3 0.0 172.0
176 90.4 0.0 167.6



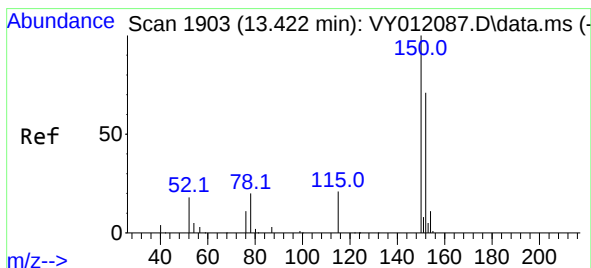
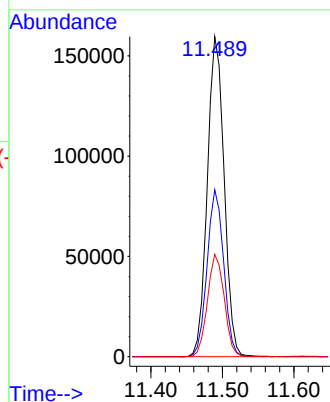
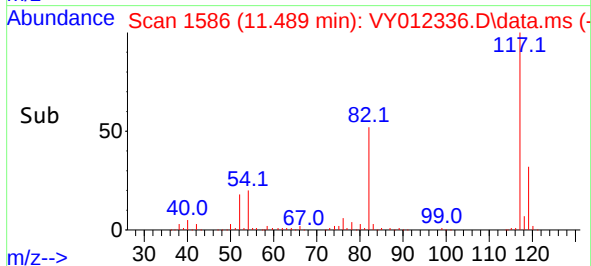


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

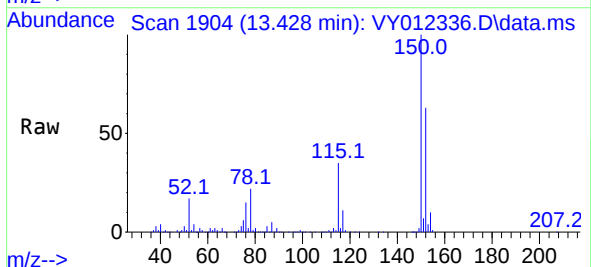
Instrument :
MSVOA_Y
ClientSampleId :



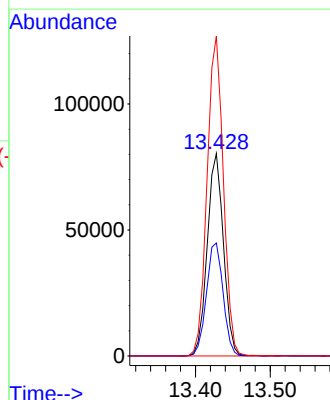
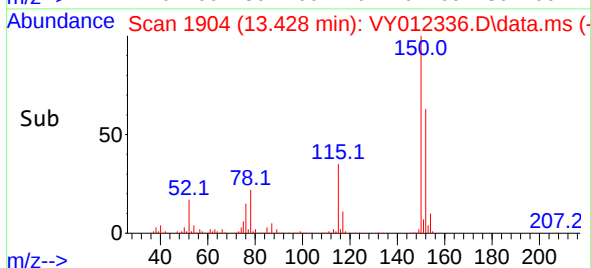
Tgt Ion:117 Resp: 260428
Ion Ratio Lower Upper
117 100
82 52.2 44.8 67.2
119 32.0 25.4 38.2

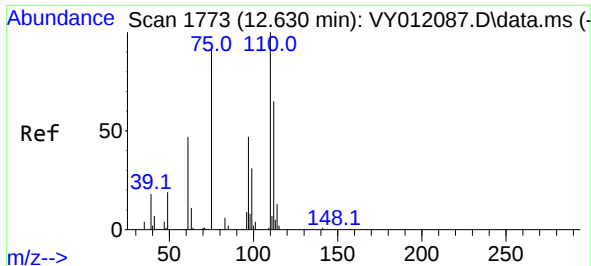


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55



Tgt Ion:152 Resp: 120931
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 159.1 0.0 342.6

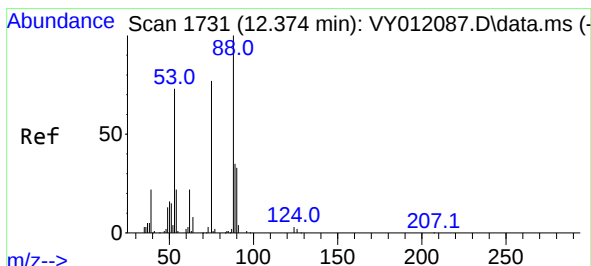
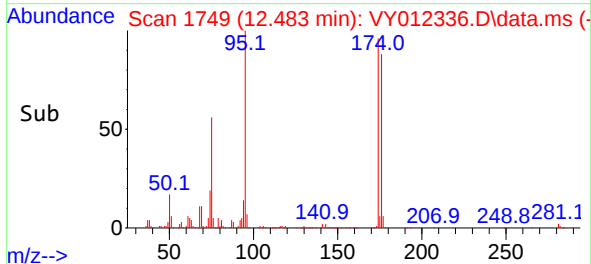
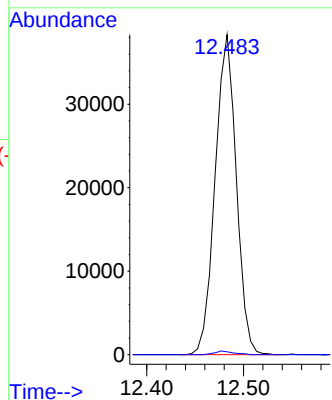
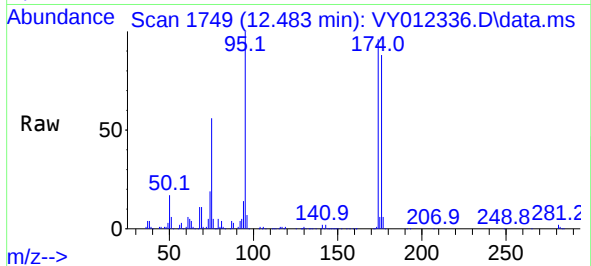




#76
1,2,3-Trichloropropane
Concen: 52.340 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58202
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.843 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012336.D
Acq: 24 Jan 2023 12:55

Tgt Ion: 75 Resp: 58202
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

