

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012349.D
 Acq On : 24 Jan 2023 17:59
 Operator : KP/MD
 Sample : 01279-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:33:18 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)

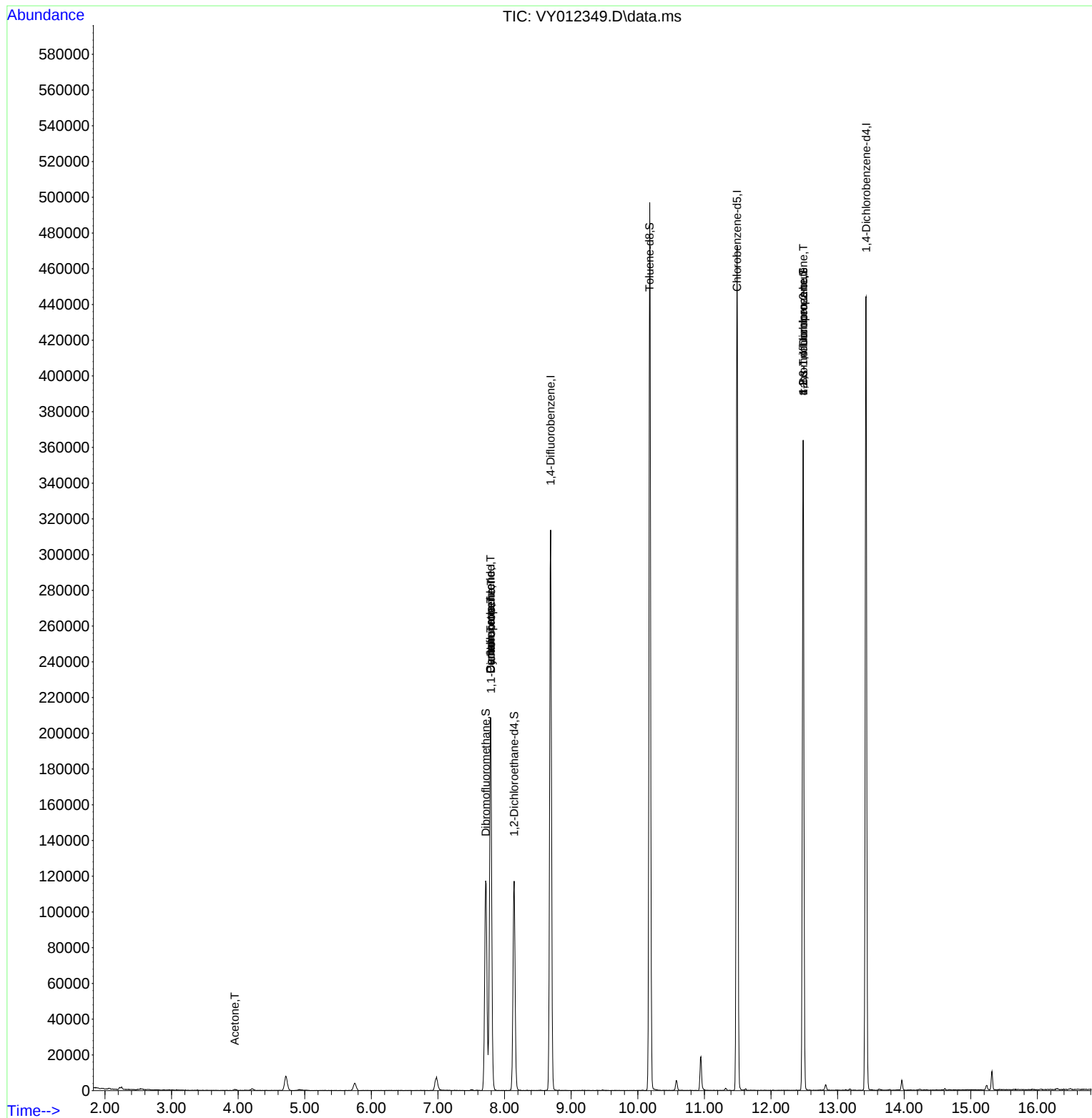
Internal Standards						
1) Pentafluorobenzene	7.789	168	162479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	267449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97448	74.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.540%	
35) Dibromofluoromethane	7.716	113	80413	55.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.000%	
50) Toluene-d8	10.179	98	330975	66.791	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.580%	
62) 4-Bromofluorobenzene	12.483	95	106173	51.514	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	362	Below Cal	#	74
16) Acetone	3.948	43	962	2.126	ug/l	90
20) Methylene Chloride	4.716	84	6361	Below Cal		94
31) Cyclohexane	7.789	56	3071	1.296	ug/l	# 24
36) 1,1-Dichloropropene	7.795	75	11211	4.512	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	15959	4.973	ug/l	# 19
76) 1,2,3-Trichloropropane	12.483	75	57441	51.211	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	57441	105.517	ug/l	# 13

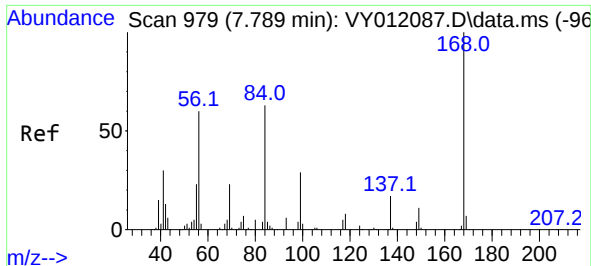
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 25 01:33:18 2023
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

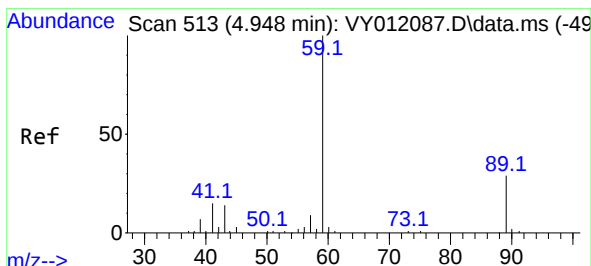
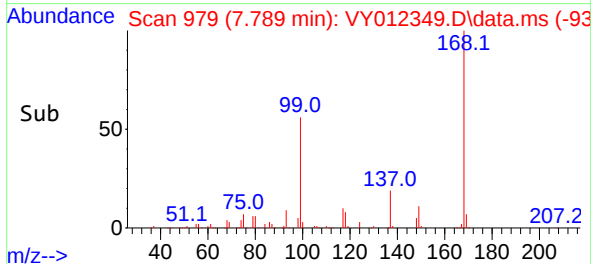
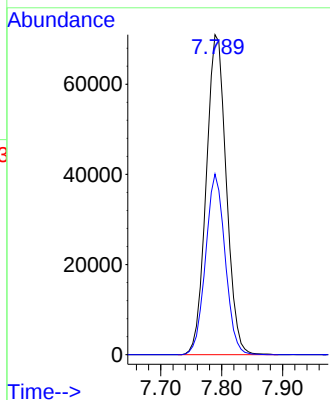
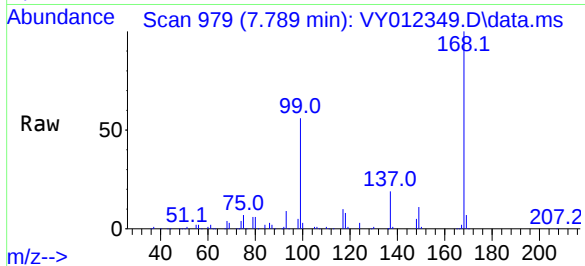




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

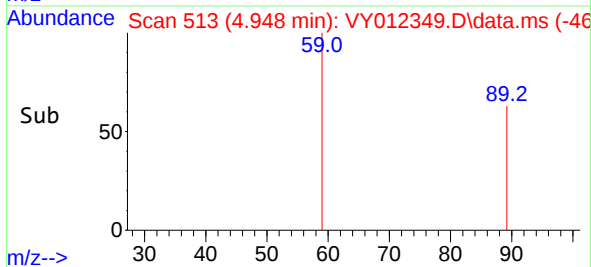
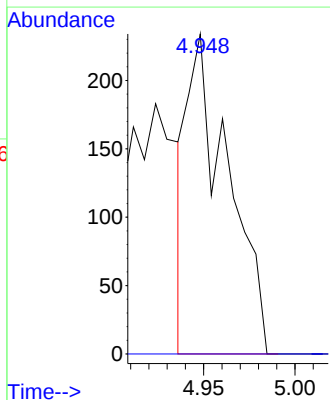
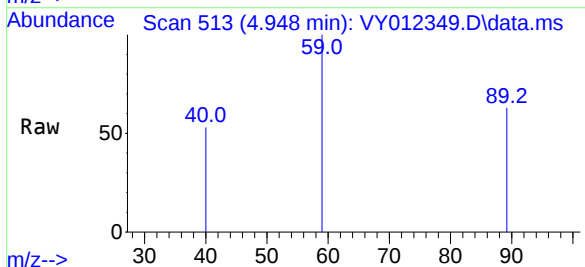
Instrument :
MSVOA_Y
ClientSampleId :

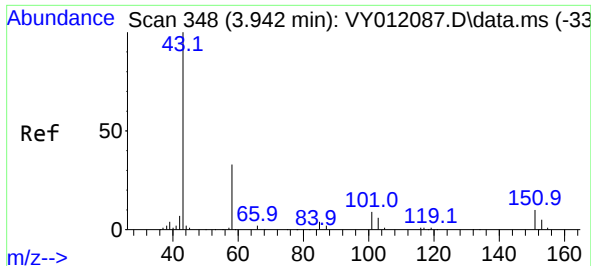
Tgt Ion:168 Resp: 162479
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

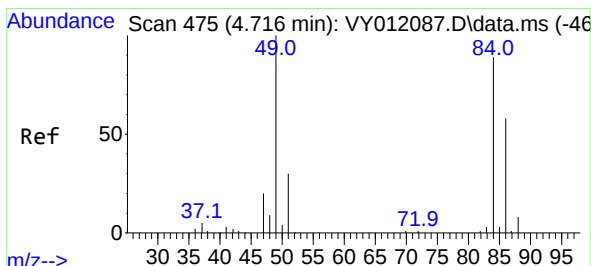
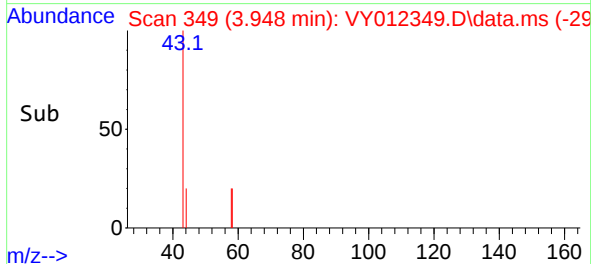
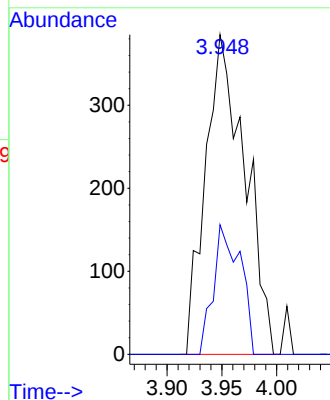
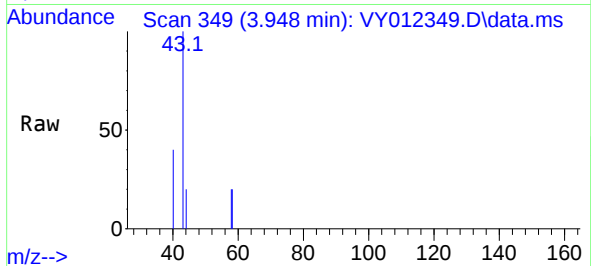




#16
Acetone
Concen: 2.126 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

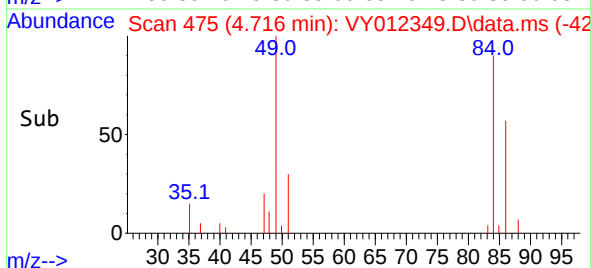
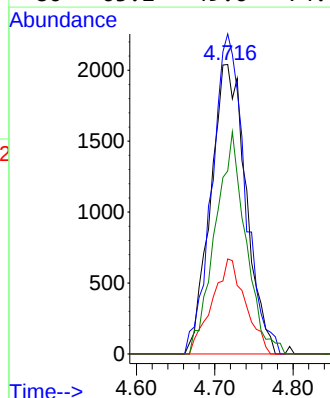
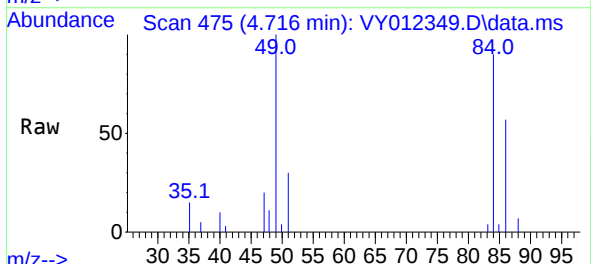
Instrument :
MSVOA_Y
ClientSampleId :

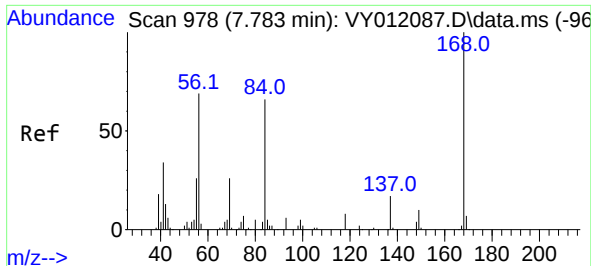
Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
58 40.5 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

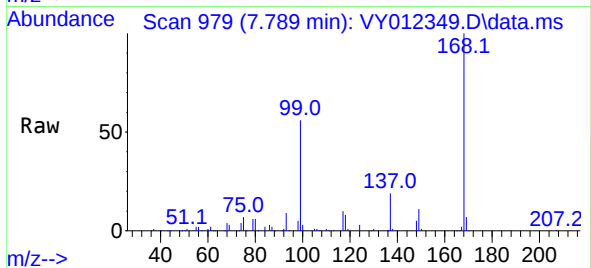
Tgt Ion: 84 Resp: 6361
Ion Ratio Lower Upper
84 100
49 110.6 95.4 143.2
51 32.8 29.9 44.9
86 63.2 49.6 74.4



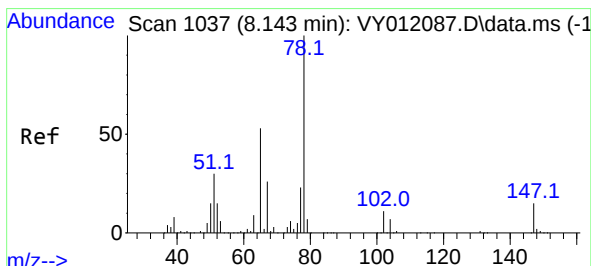
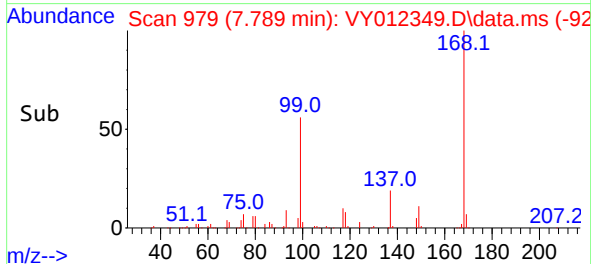
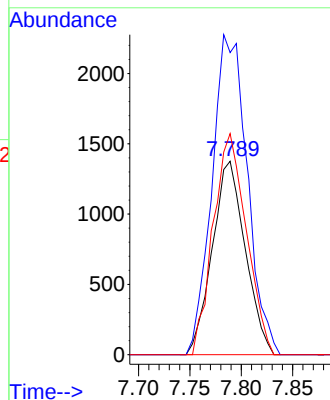


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :

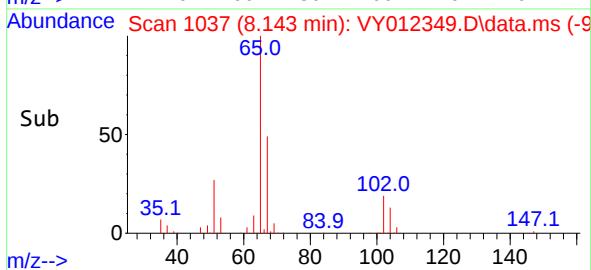
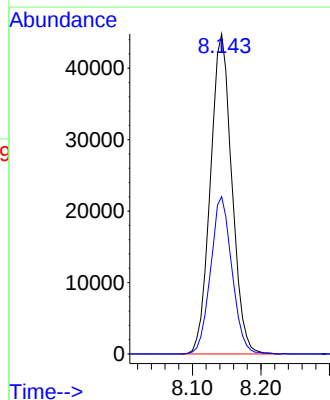
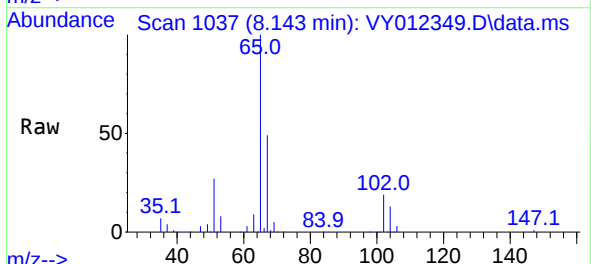


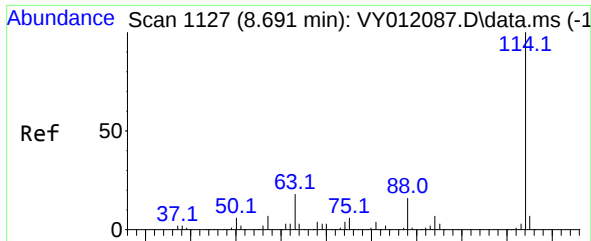
Tgt Ion: 56 Resp: 3071
Ion Ratio Lower Upper
56 100
69 156.2 29.2 43.8#
84 114.3 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 74.265 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

Tgt Ion: 65 Resp: 97448
Ion Ratio Lower Upper
65 100
67 48.8 0.0 103.2

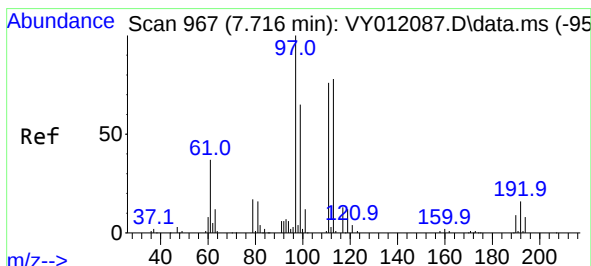
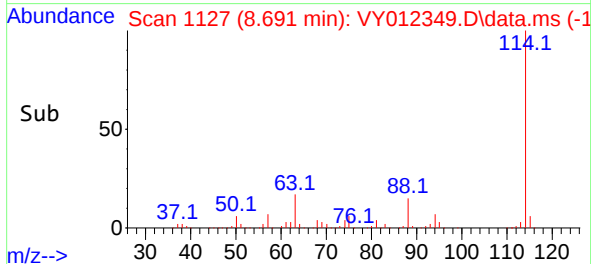
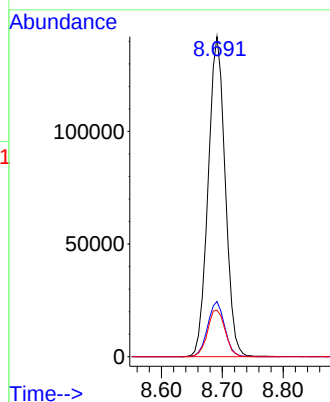
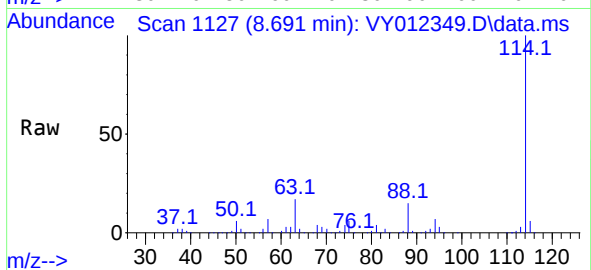




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

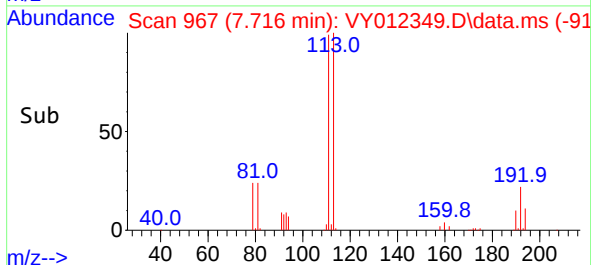
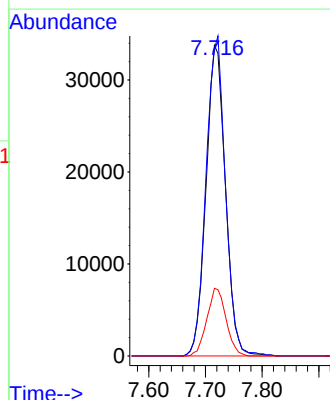
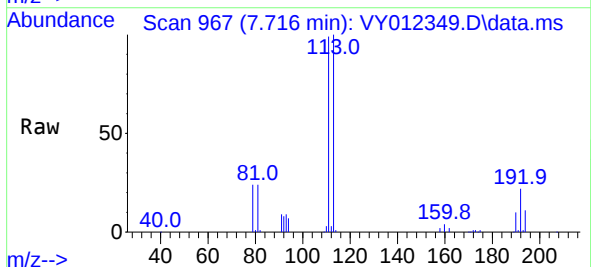
Instrument :
MSVOA_Y
ClientSampleId :

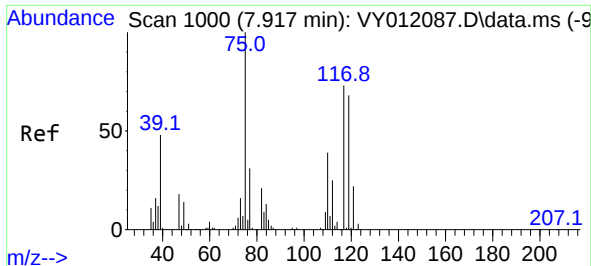
Tgt Ion:114 Resp: 276119
Ion Ratio Lower Upper
114 100
63 17.2 0.0 39.6
88 14.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.000 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

Tgt Ion:113 Resp: 80413
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 21.5 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.512 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY012349.D

Acq: 24 Jan 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

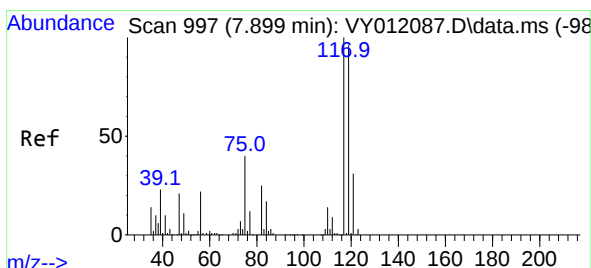
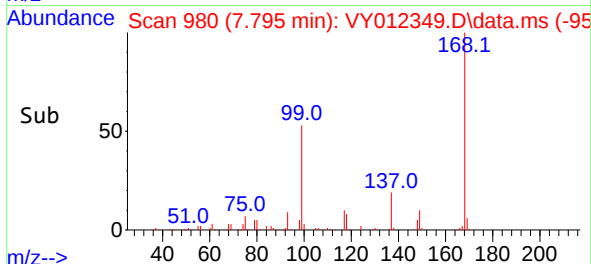
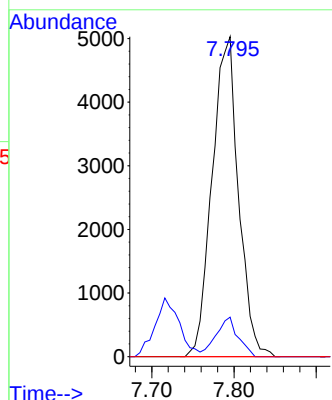
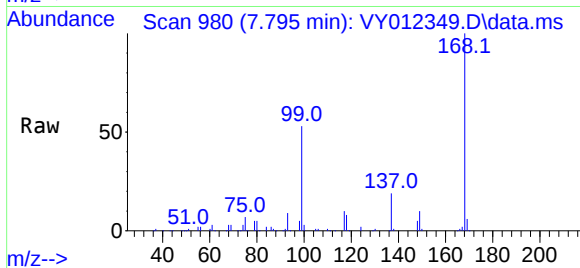
Tgt Ion: 75 Resp: 11211

Ion Ratio Lower Upper

75 100

110 10.3 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.973 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012349.D

Acq: 24 Jan 2023 17:59

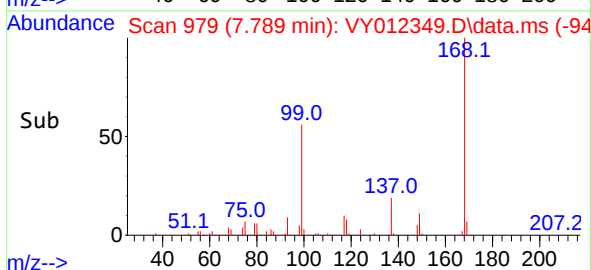
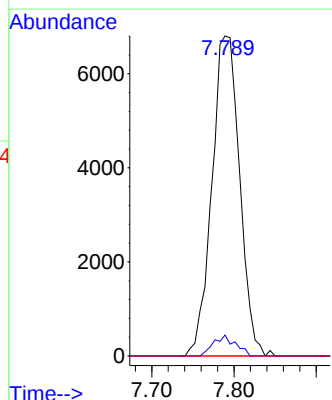
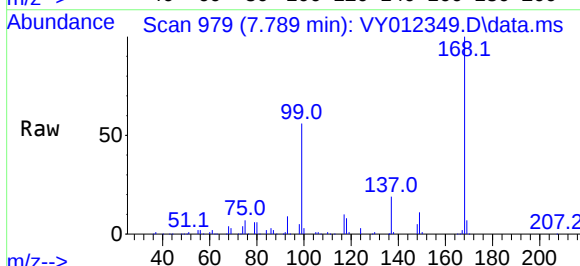
Tgt Ion: 117 Resp: 15959

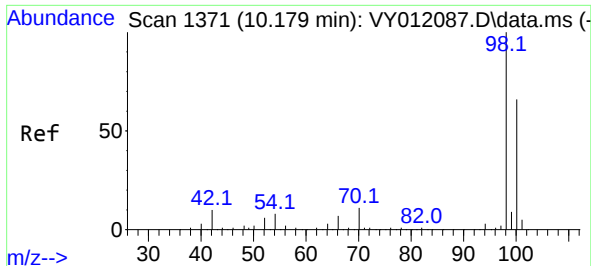
Ion Ratio Lower Upper

117 100

119 6.6 73.8 110.8#

121 0.0 25.2 37.8#

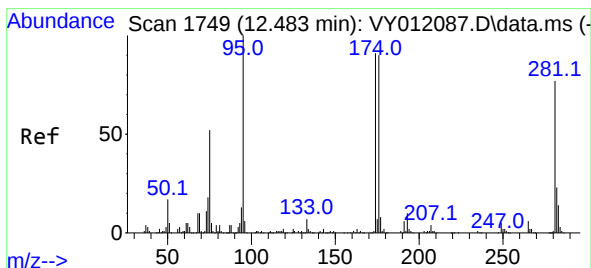
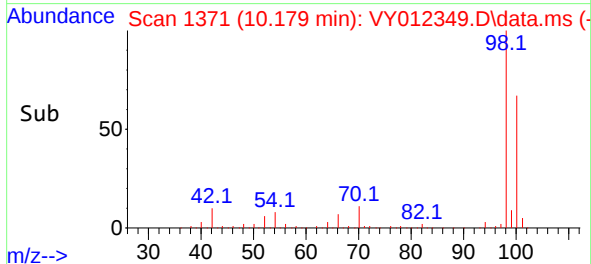
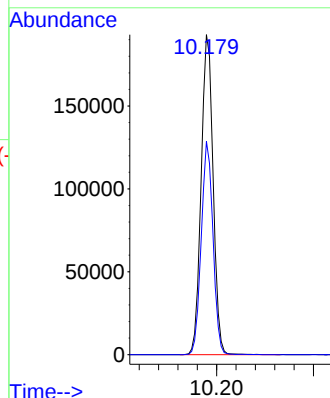
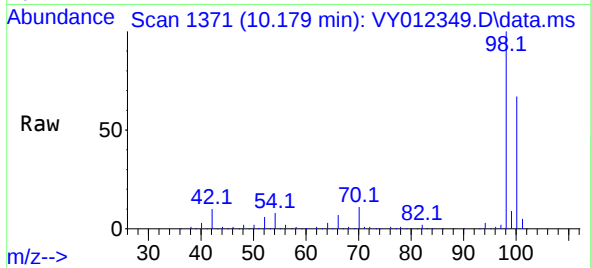




#50
Toluene-d8
Concen: 66.791 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

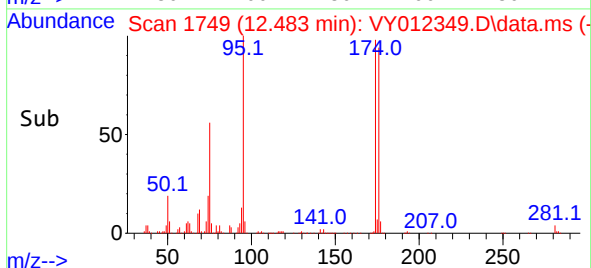
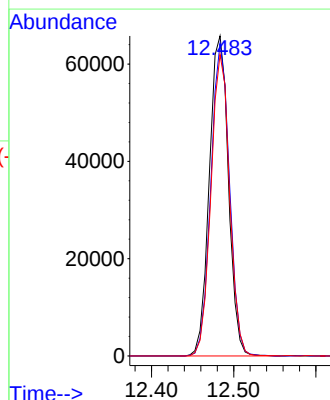
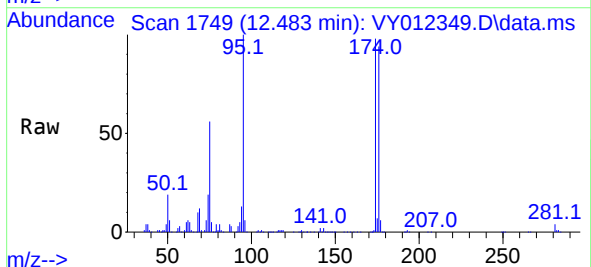
Instrument :
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ClientSampleId :

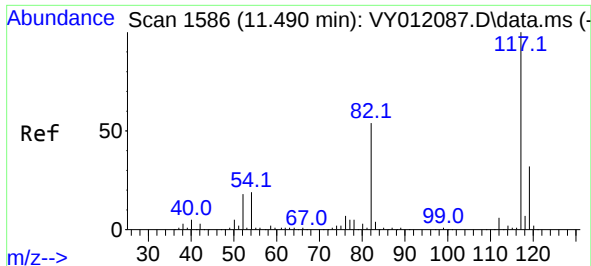
Tgt Ion: 98 Resp: 330975
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.514 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

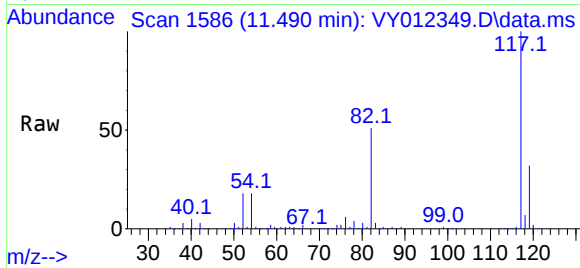
Tgt Ion: 95 Resp: 106173
Ion Ratio Lower Upper
95 100
174 95.3 0.0 172.0
176 92.0 0.0 167.6



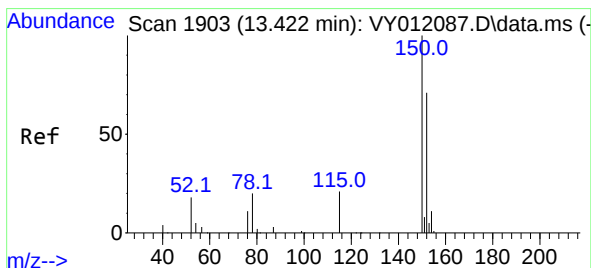
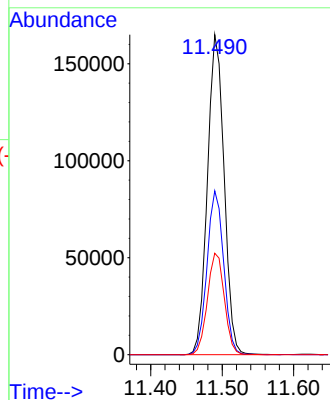
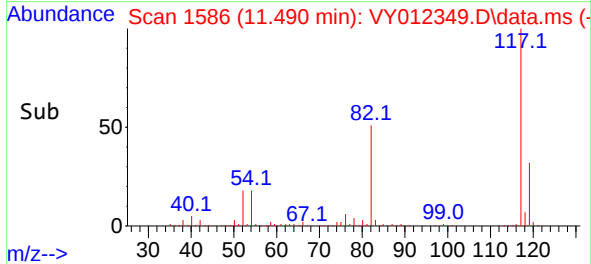


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :

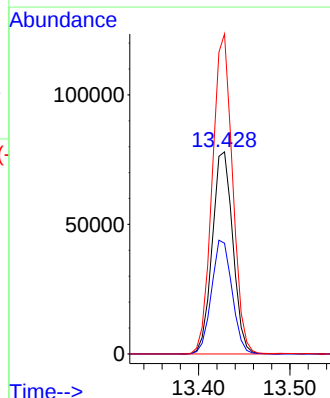
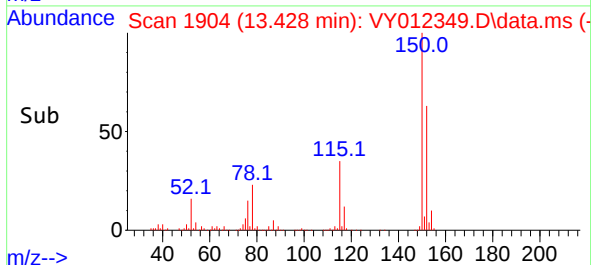
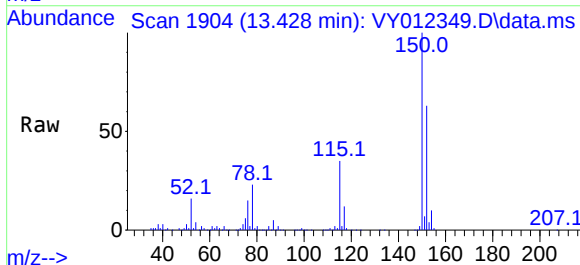


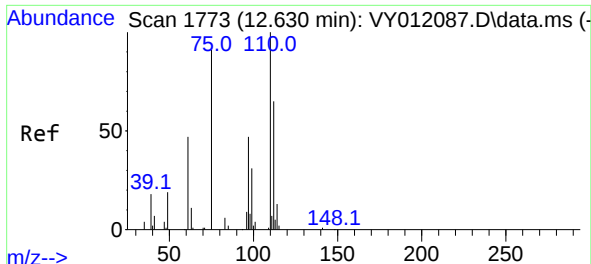
Tgt Ion:117 Resp: 267449
Ion Ratio Lower Upper
117 100
82 51.2 44.8 67.2
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

Tgt Ion:152 Resp: 121981
Ion Ratio Lower Upper
152 100
115 56.3 29.1 87.3
150 155.8 0.0 342.6

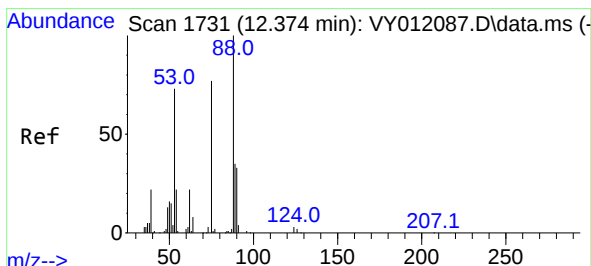
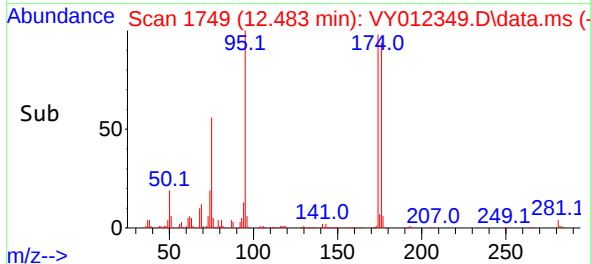
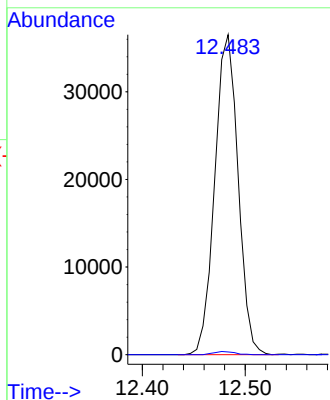
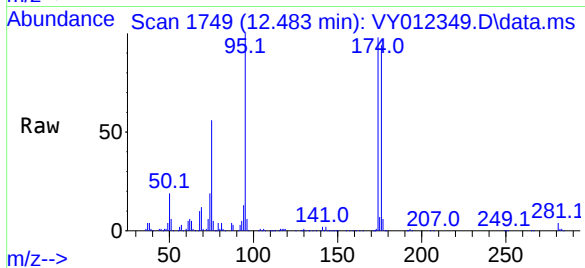




#76
1,2,3-Trichloropropane
Concen: 51.211 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 57441
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.517 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012349.D
Acq: 24 Jan 2023 17:59

Tgt Ion: 75 Resp: 57441
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#

