

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013577.D
 Acq On : 03 May 2023 13:26
 Operator : KP/MD
 Sample : 02558-06
 Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-SS013-0006-01

Quant Time: May 03 15:41:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

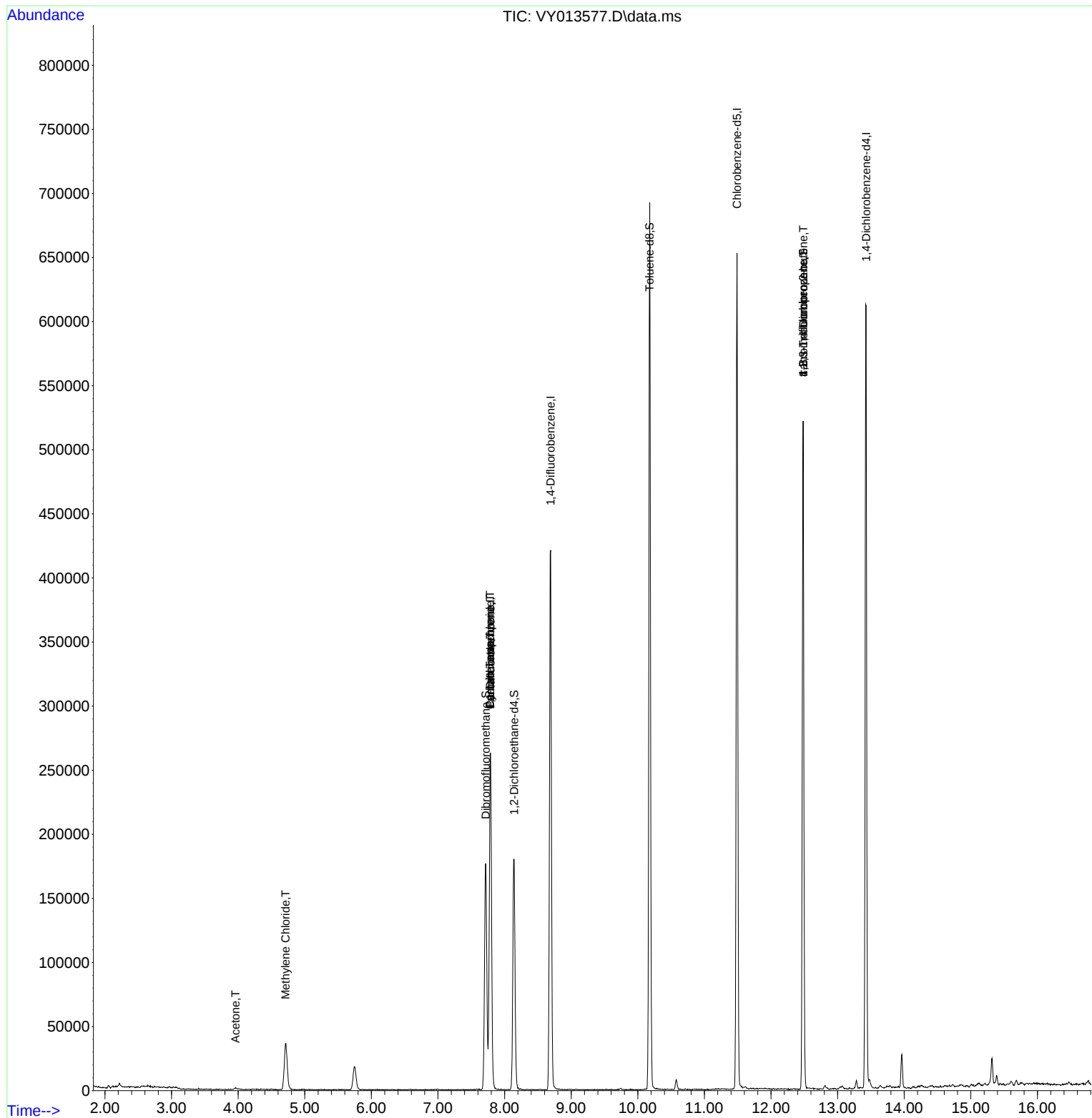
Internal Standards						
1) Pentafluorobenzene	7.789	168	210229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	357197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	344372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151101	65.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.140%	
35) Dibromofluoromethane	7.716	113	120922	53.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.640%	
50) Toluene-d8	10.179	98	435410	54.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.960%	
62) 4-Bromofluorobenzene	12.483	95	141582	52.548	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.100%	
Target Compounds						
					Qvalue	
13) Acrolein	3.771	56	20	Below Cal	#	16
16) Acetone	3.960	43	3265	3.598	ug/l	89
20) Methylene Chloride	4.710	84	26178	1.333	ug/l	95
31) Cyclohexane	7.783	56	4758	1.153	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	15902	4.265	ug/l #	49
38) Carbon Tetrachloride	7.783	117	20479	5.240	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	75663	35.250	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75663	72.106	ug/l #	13

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

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P001-SS013-0006-01

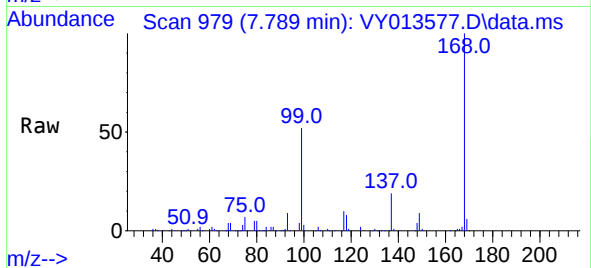
Quant Time: May 03 15:41:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration



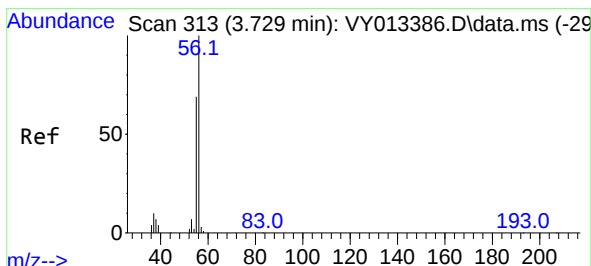
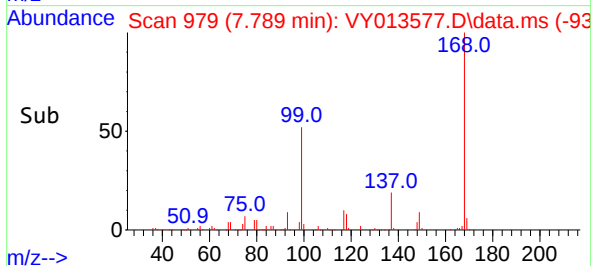
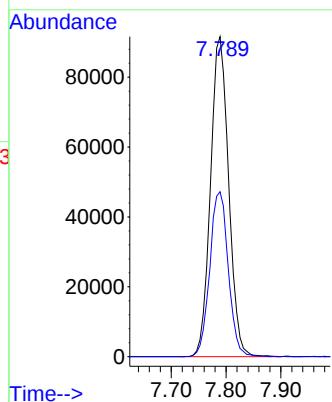


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0006-01

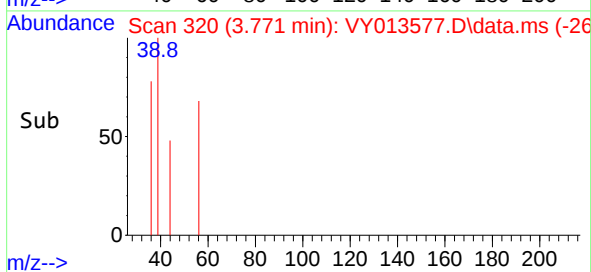
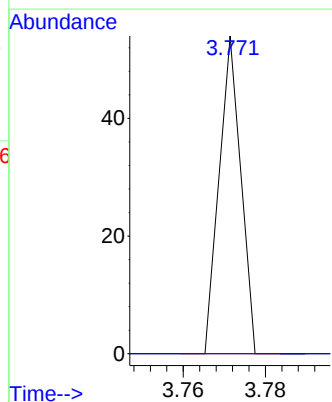
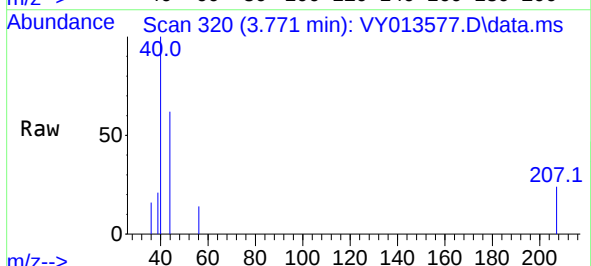


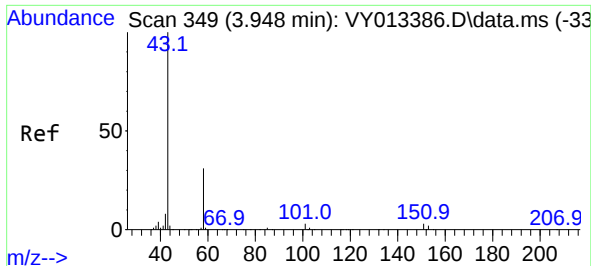
Tgt Ion:168 Resp: 210229
Ion Ratio Lower Upper
168 100
99 51.5 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.771 min Scan# 320
Delta R.T. 0.042 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

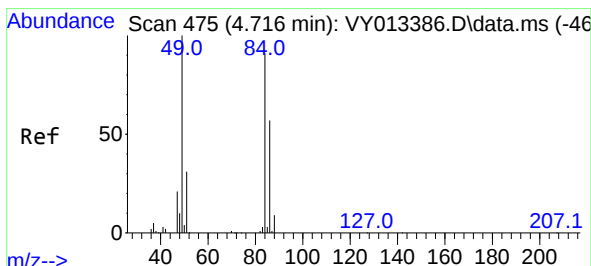
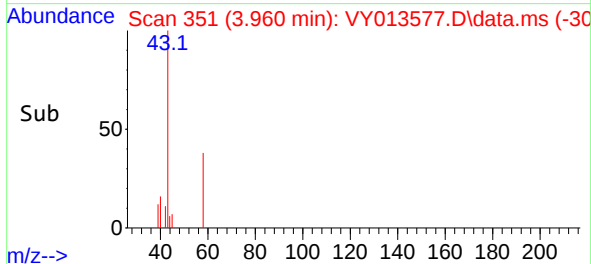
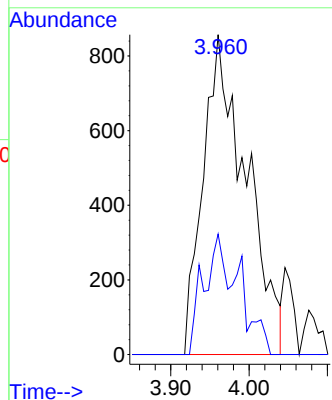
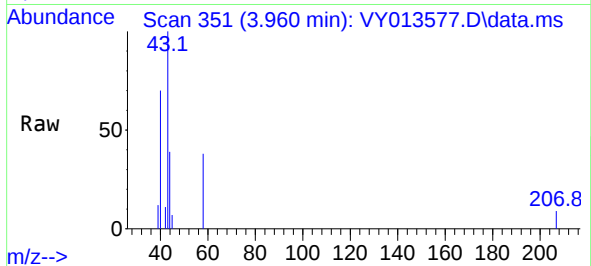




#16
Acetone
Concen: 3.598 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

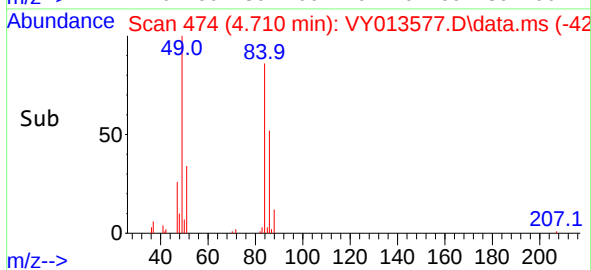
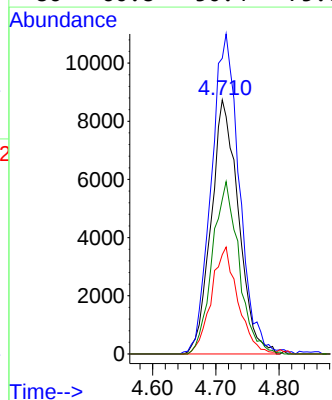
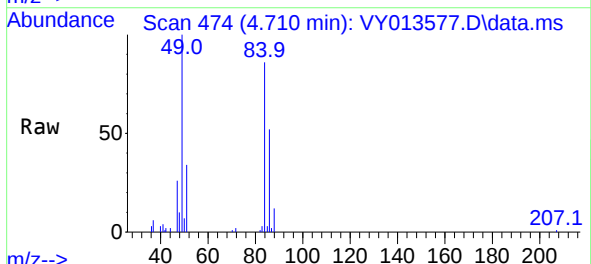
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0006-01

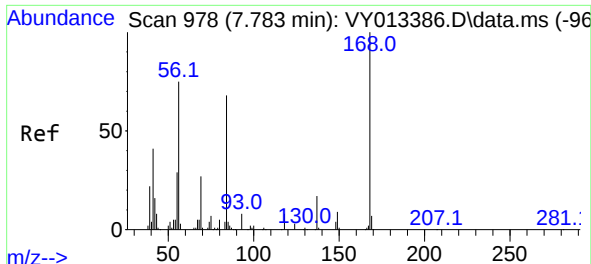
Tgt Ion: 43 Resp: 3265
Ion Ratio Lower Upper
43 100
58 37.7 25.4 38.0



#20
Methylene Chloride
Concen: 1.333 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

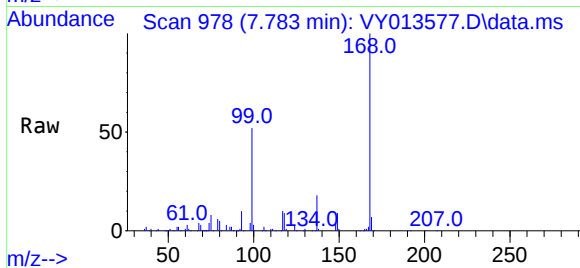
Tgt Ion: 84 Resp: 26178
Ion Ratio Lower Upper
84 100
49 116.4 88.0 132.0
51 39.1 27.4 41.0
86 60.8 50.4 75.6



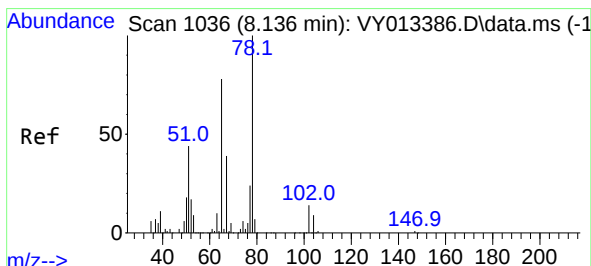
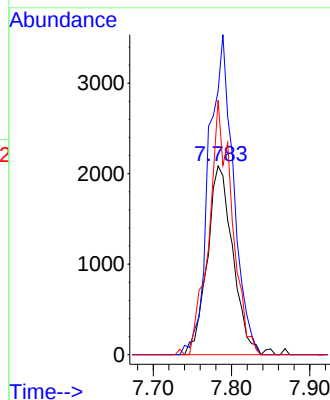
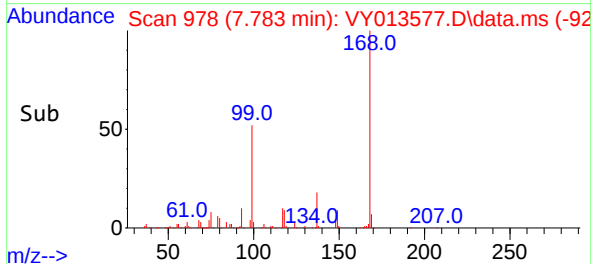


#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0006-01

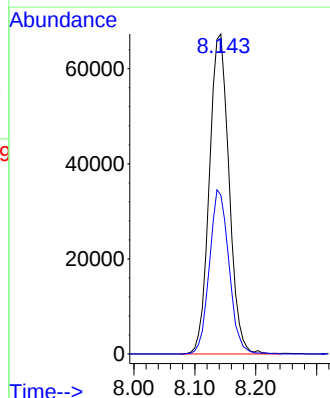
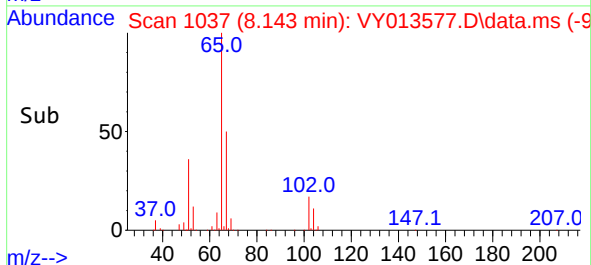
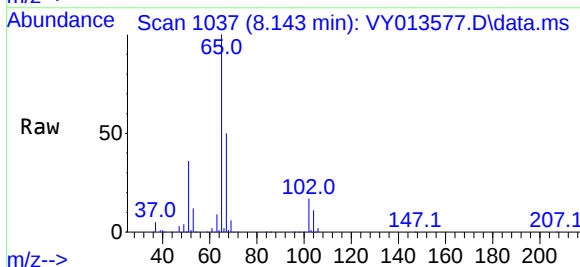


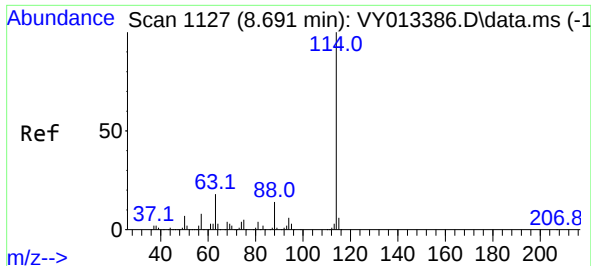
Tgt Ion: 56 Resp: 4758
Ion Ratio Lower Upper
56 100
69 139.7 29.2 43.8#
84 134.8 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 65.566 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Tgt Ion: 65 Resp: 151101
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013577.D

Acq: 03 May 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

P001-SS013-0006-01

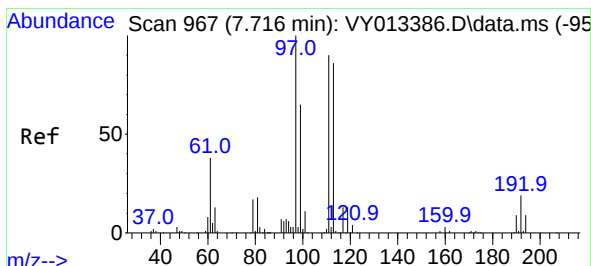
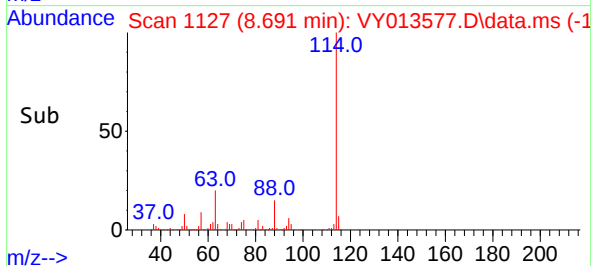
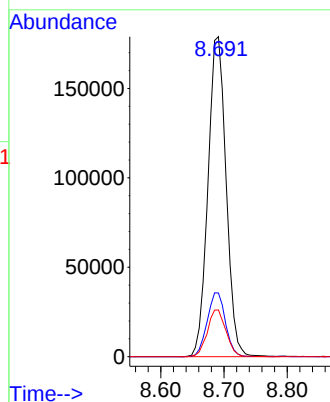
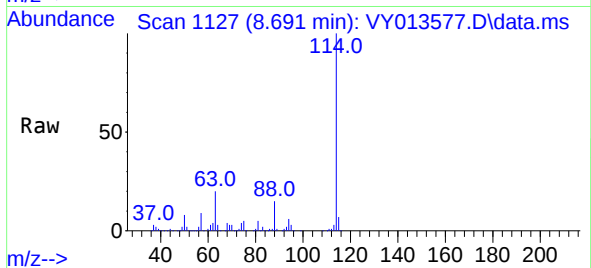
Tgt Ion:114 Resp: 357197

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.6

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.824 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013577.D

Acq: 03 May 2023 13:26

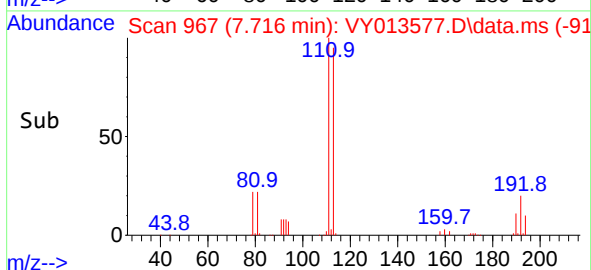
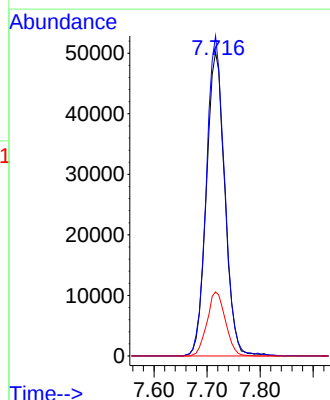
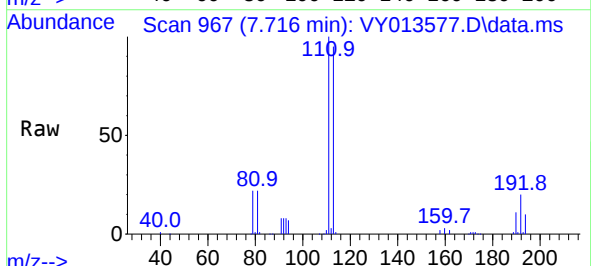
Tgt Ion:113 Resp: 120922

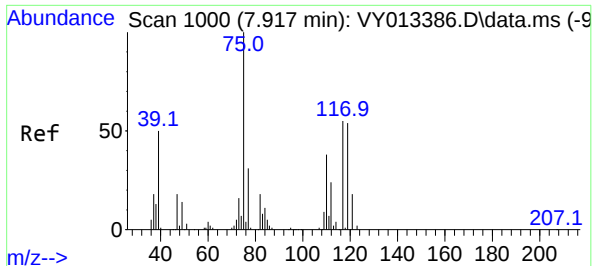
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

192 21.0 16.7 25.1

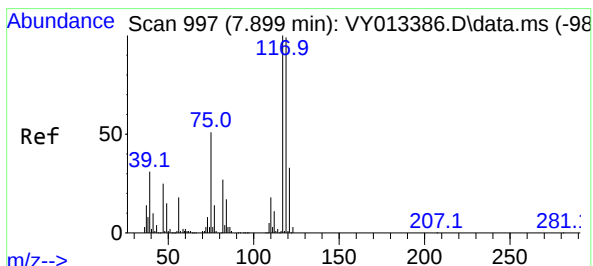
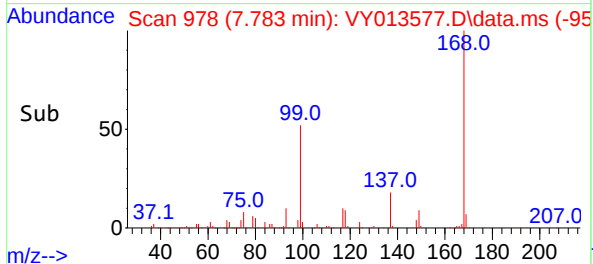
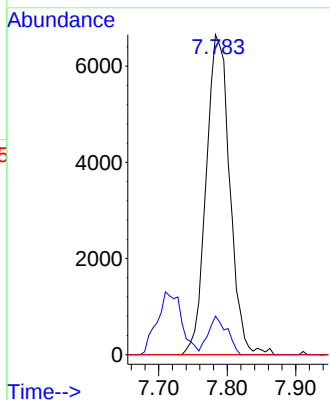
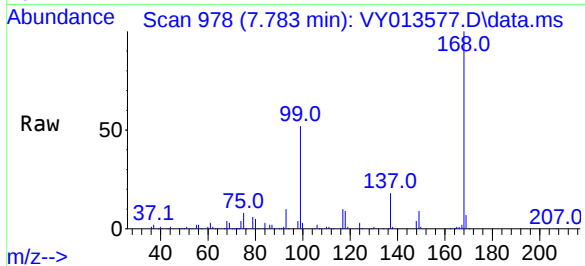




#36
1,1-Dichloropropene
Concen: 4.265 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

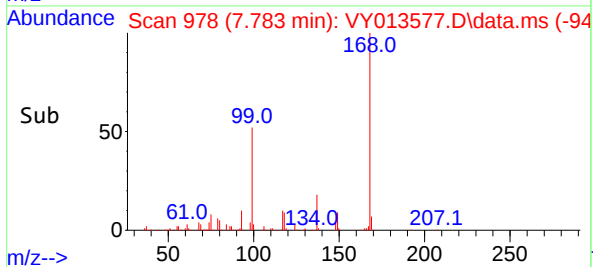
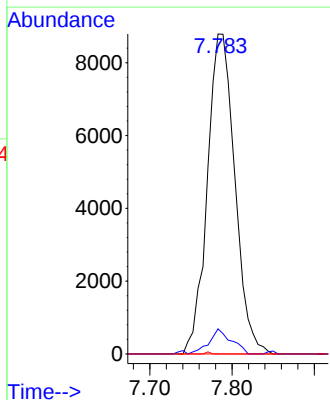
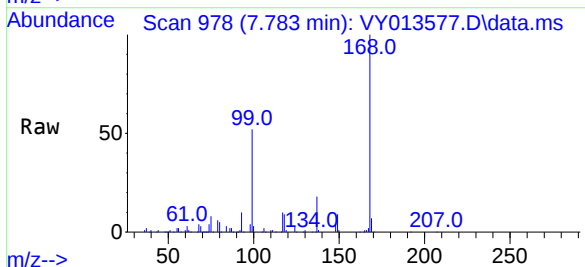
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0006-01

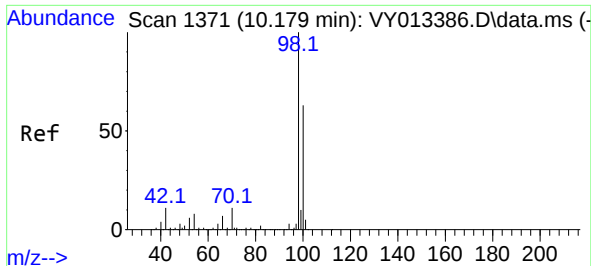
Tgt Ion: 75 Resp: 15902
Ion Ratio Lower Upper
75 100
110 9.6 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.240 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Tgt Ion: 117 Resp: 20479
Ion Ratio Lower Upper
117 100
119 7.9 79.0 118.6#
121 0.0 26.6 40.0#

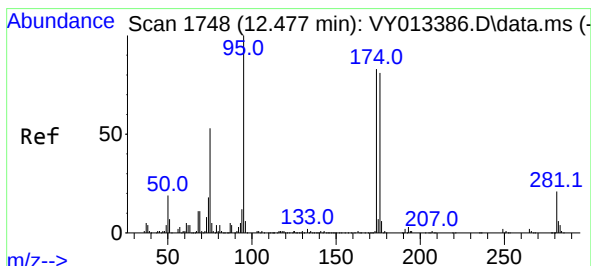
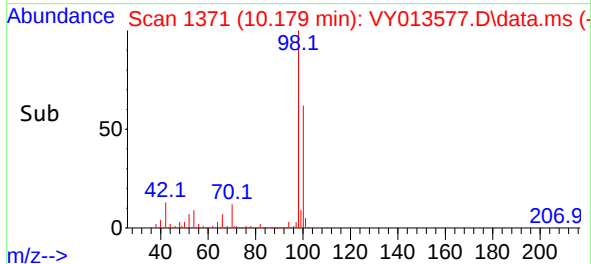
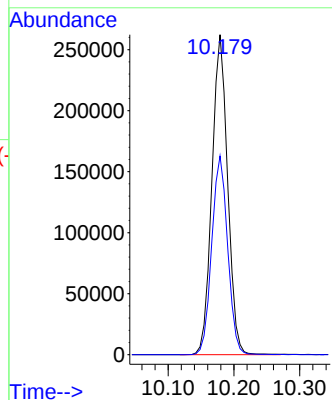
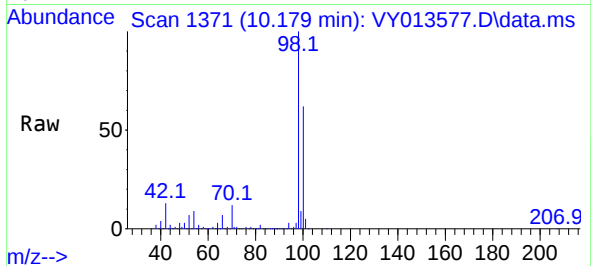




#50
Toluene-d8
Concen: 54.480 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

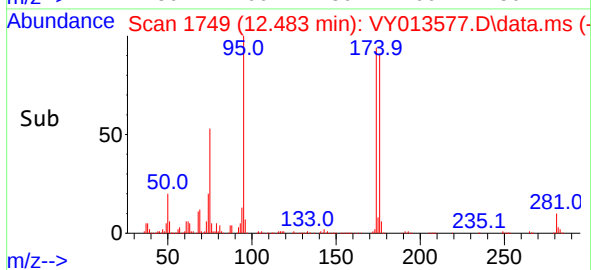
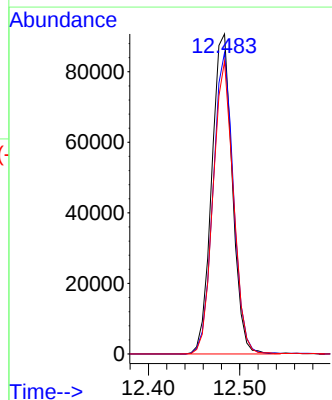
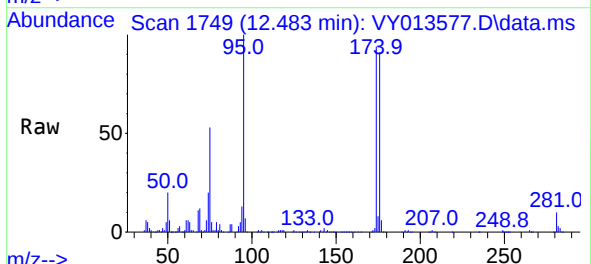
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P001-SS013-0006-01

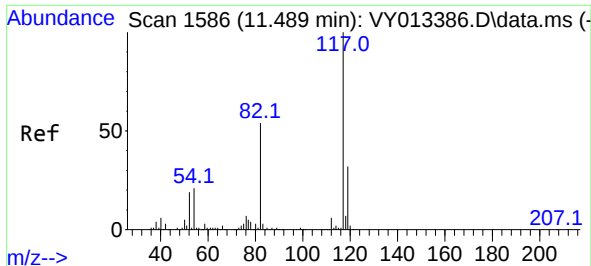
Tgt Ion: 98 Resp: 435410
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Tgt Ion: 95 Resp: 141582
Ion Ratio Lower Upper
95 100
174 93.1 0.0 182.0
176 90.1 0.0 175.4

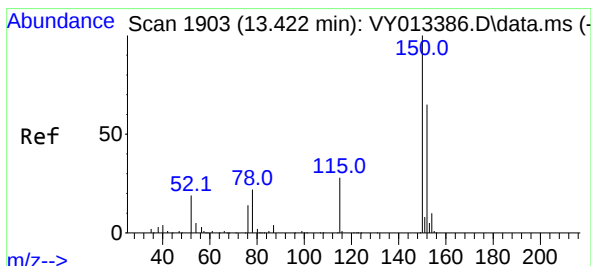
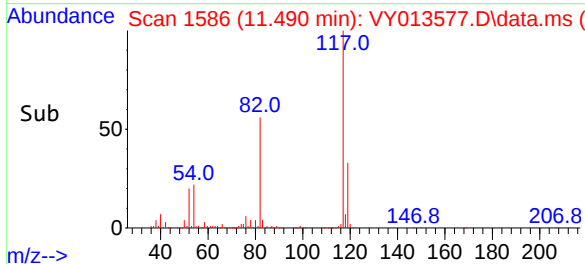
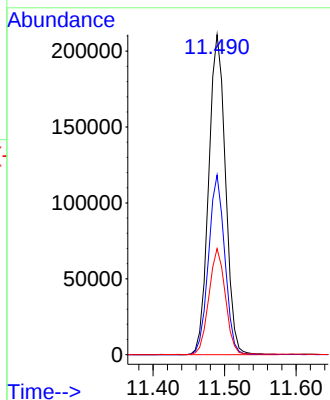
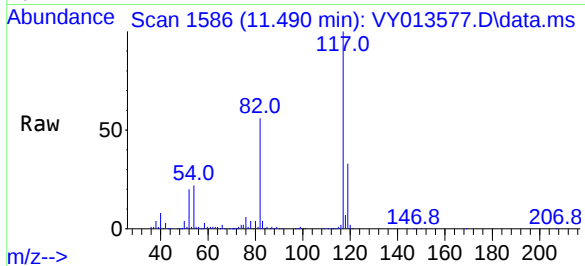




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

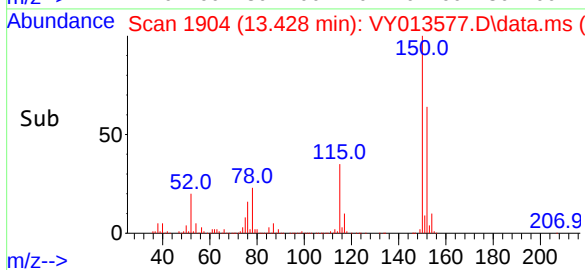
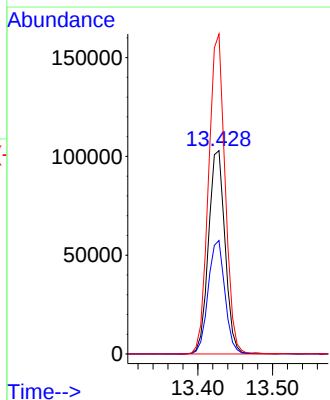
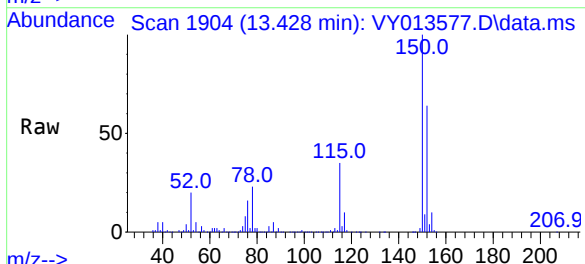
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0006-01

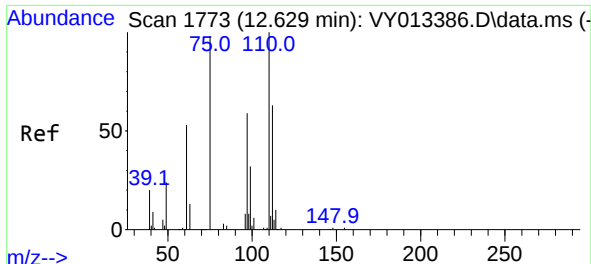
Tgt Ion:117 Resp: 344372
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.6
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Tgt Ion:152 Resp: 159159
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 156.6 0.0 352.0

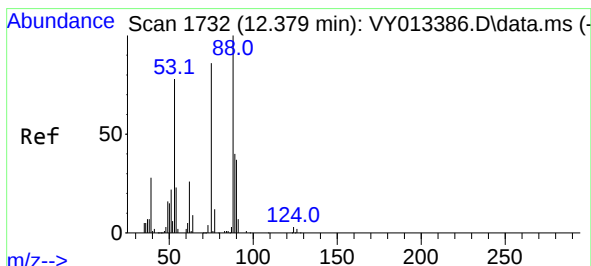
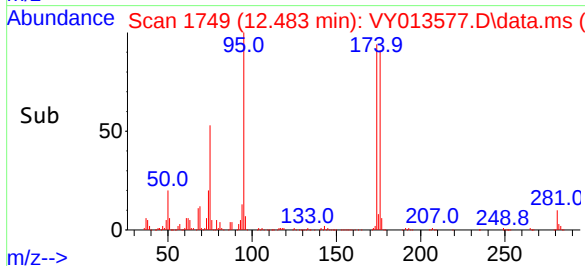
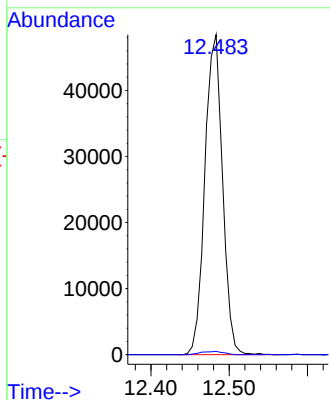
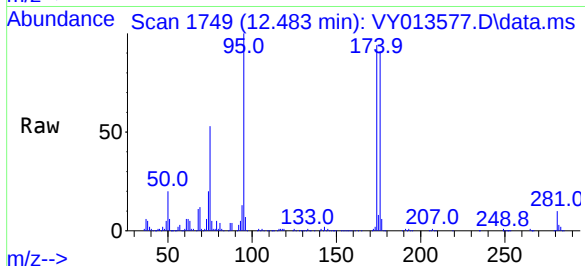




#76
1,2,3-Trichloropropane
Concen: 35.250 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0006-01

Tgt Ion: 75 Resp: 75663
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013577.D
Acq: 03 May 2023 13:26

Tgt Ion: 75 Resp: 75663
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.1 38.0 57.0#

