

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013709.D
 Acq On : 11 May 2023 11:53
 Operator : KP/MD
 Sample : 02719-10
 Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01_10-12_20230509

Quant Time: May 12 04:40:15 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)

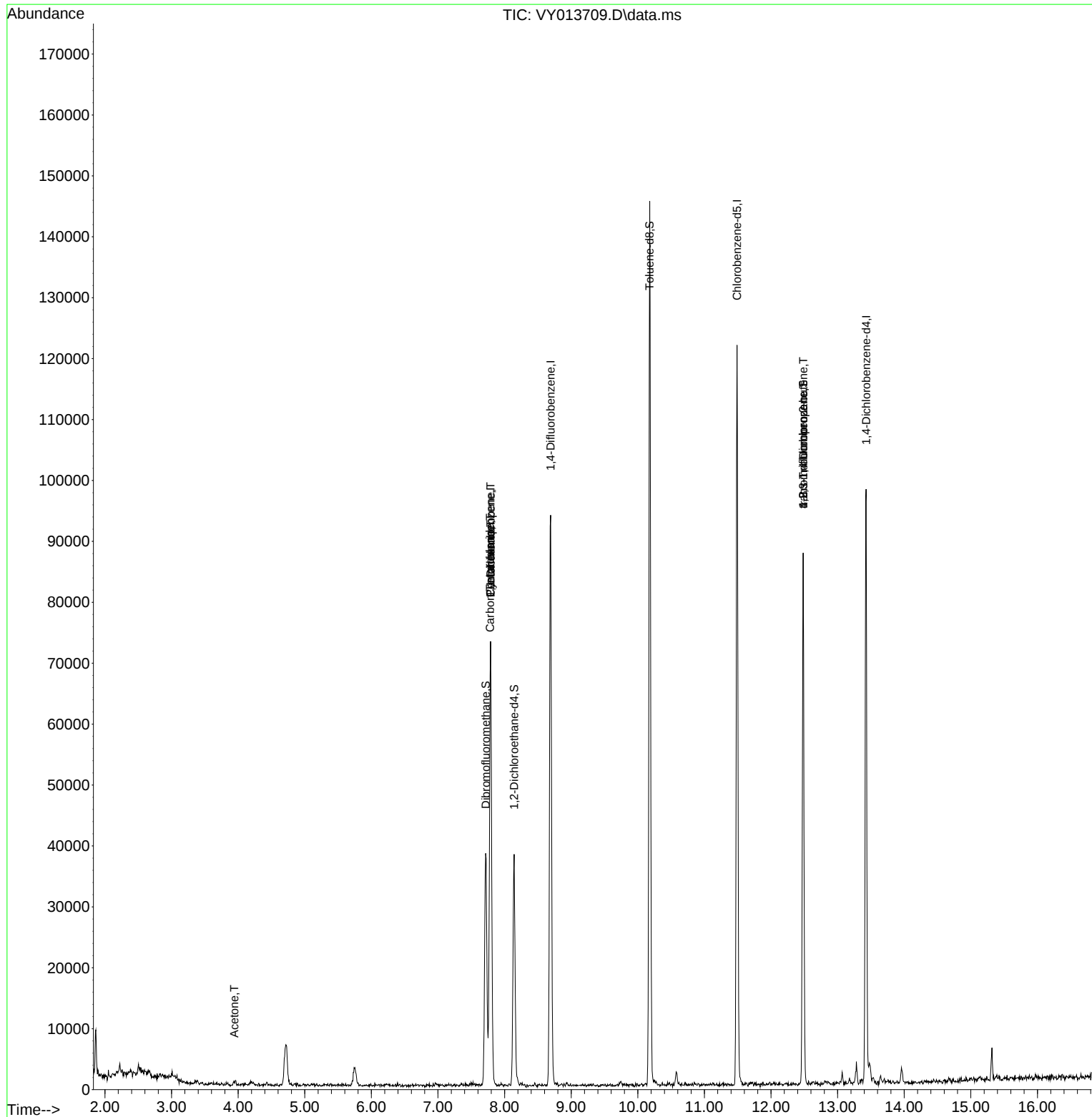
Internal Standards						
1) Pentafluorobenzene	7.789	168	56601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29277	47.185	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.380%		
35) Dibromofluoromethane	7.716	113	26950	53.081	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.160%		
50) Toluene-d8	10.179	98	95810	53.046	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.100%		
62) 4-Bromofluorobenzene	12.483	95	23555	38.684	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.360%		
Target Compounds						
13) Acrolein	3.716	56	20	Below Cal	#	16
16) Acetone	3.942	43	608	2.488	ug/l	91
20) Methylene Chloride	4.710	84	5214	Below Cal	#	96
31) Cyclohexane	7.789	56	1273	1.146	ug/l	# 30
36) 1,1-Dichloropropene	7.789	75	4484	5.321	ug/l	# 49
38) Carbon Tetrachloride	7.783	117	5240	5.933	ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	12900	36.646	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	12900	74.961	ug/l	# 13

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

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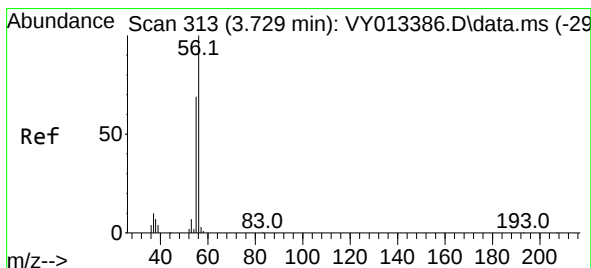
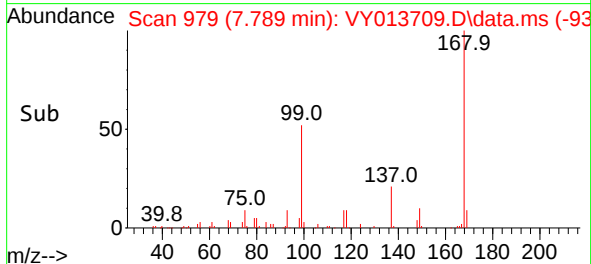
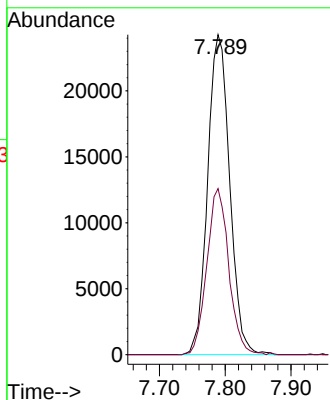
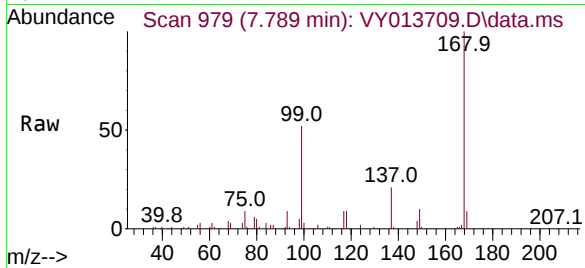




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

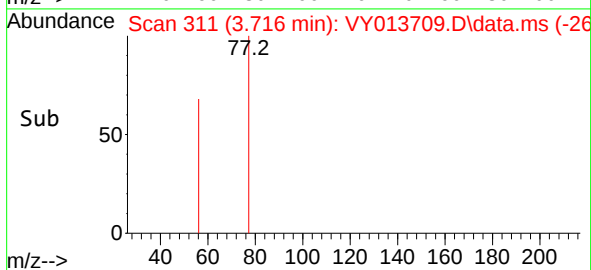
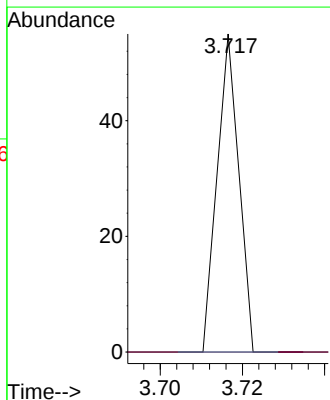
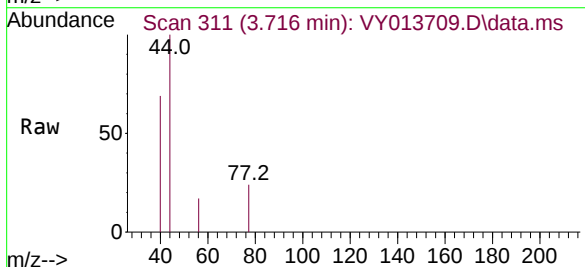
Instrument :
MSVOA_Y
ClientSampleId :
SB-01_10-12_20230509

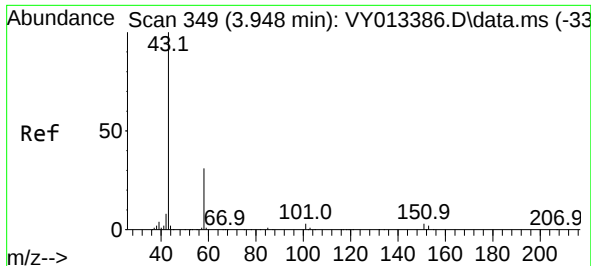
Tgt Ion:168 Resp: 56601
Ion Ratio Lower Upper
168 100
99 51.9 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. -0.013 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

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

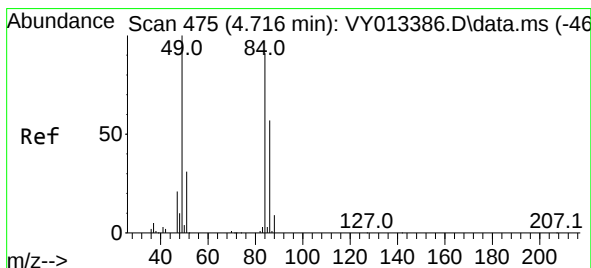
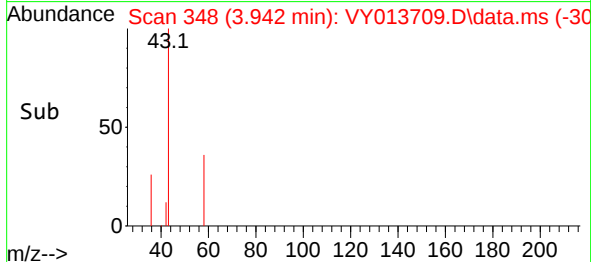
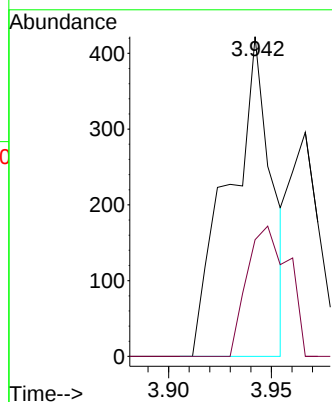
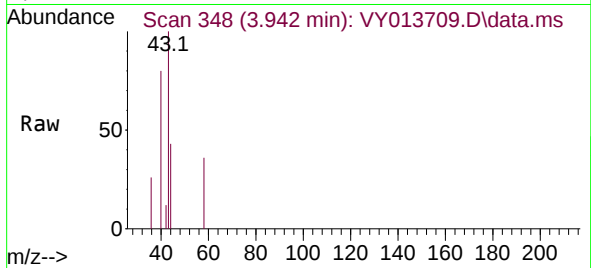




#16
Acetone
Concen: 2.488 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

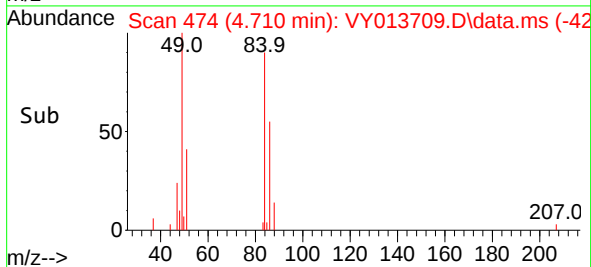
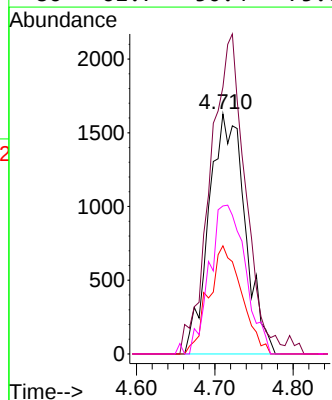
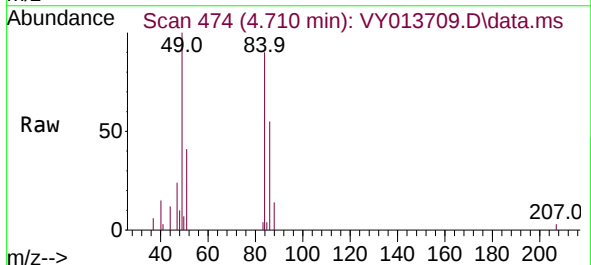
Instrument :
MSVOA_Y
ClientSampleId :
SB-01_10-12_20230509

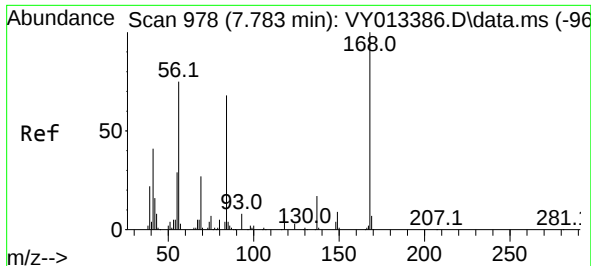
Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 36.5 25.4 38.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

Tgt Ion: 84 Resp: 5214
Ion Ratio Lower Upper
84 100
49 111.2 88.0 132.0
51 45.1 27.4 41.0#
86 61.7 50.4 75.6

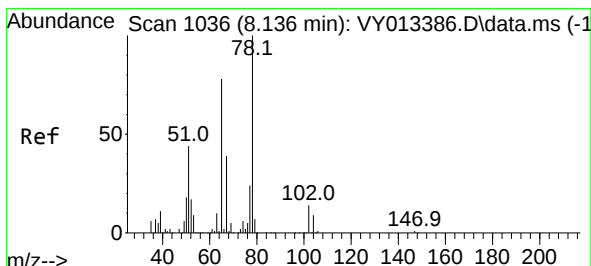
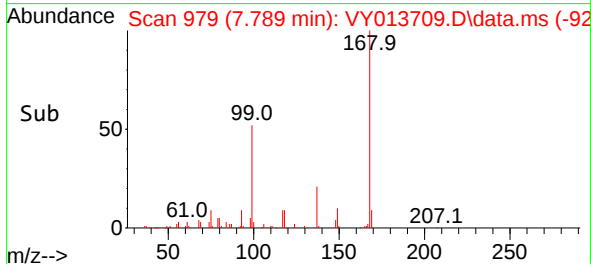
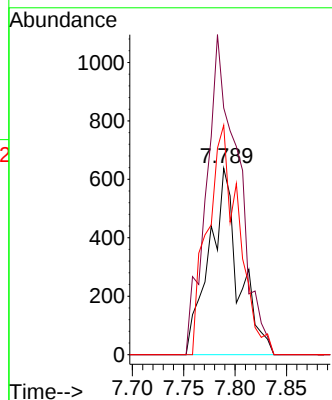
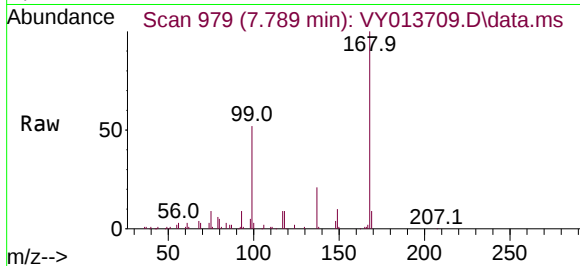




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

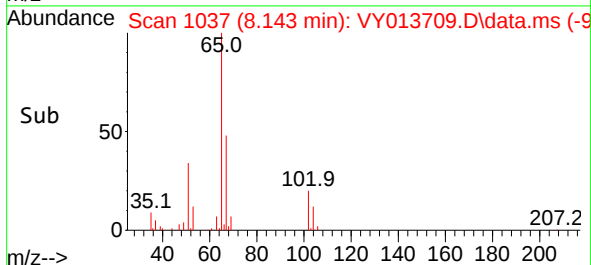
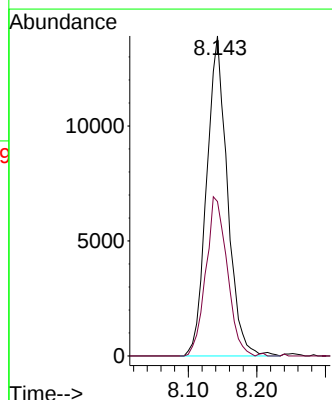
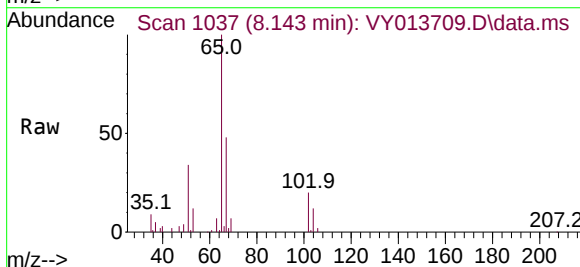
Instrument :
MSVOA_Y
ClientSampleId :
SB-01_10-12_20230509

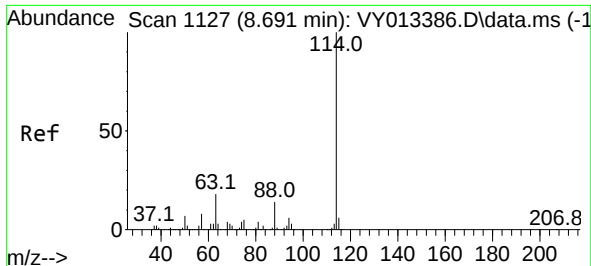
Tgt Ion: 56 Resp: 1273
Ion Ratio Lower Upper
56 100
69 132.3 29.2 43.8#
84 123.0 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 47.185 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

Tgt Ion: 65 Resp: 29277
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

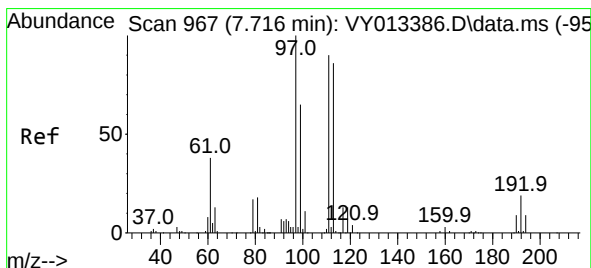
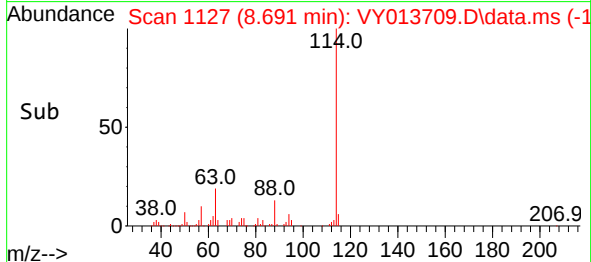
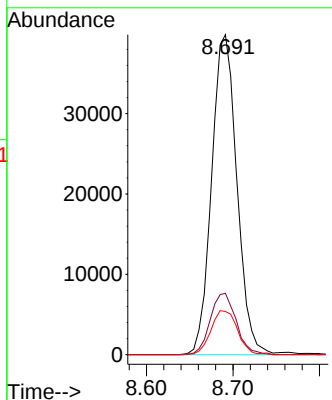
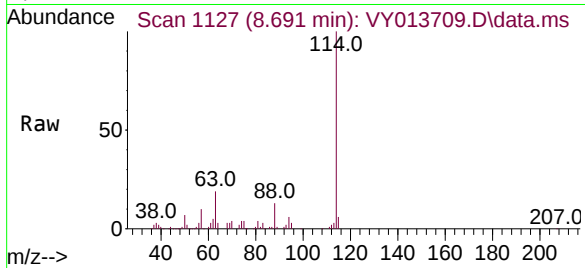




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

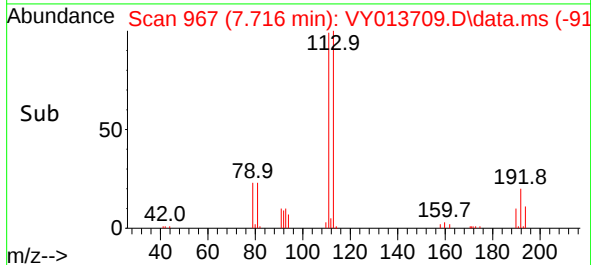
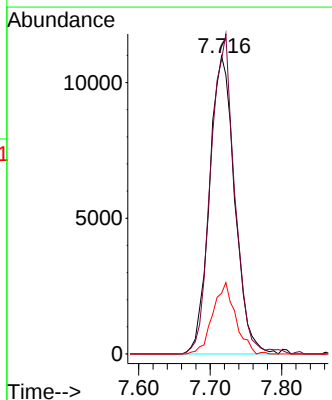
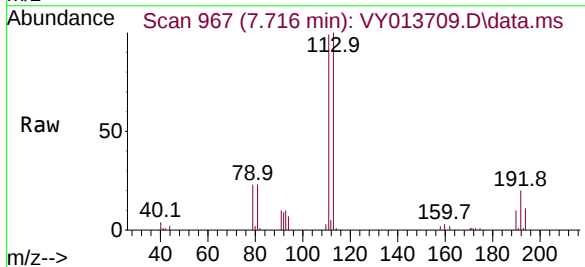
Instrument :
MSVOA_Y
ClientSampleId :
SB-01_10-12_20230509

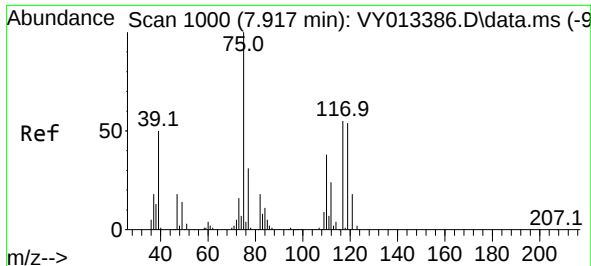
Tgt Ion:	114	Resp:	80724
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	36.6
88	13.5	0.0	28.8



#35
Dibromofluoromethane
Concen: 53.081 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

Tgt Ion:	113	Resp:	26950
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.2
192	21.6	16.7	25.1





#36

1,1-Dichloropropene

Concen: 5.321 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013709.D

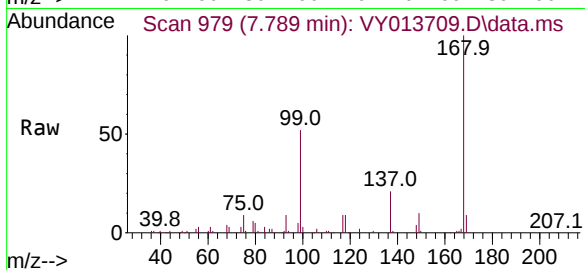
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Instrument :

MSVOA_Y

ClientSampleId :

SB-01_10-12_20230509



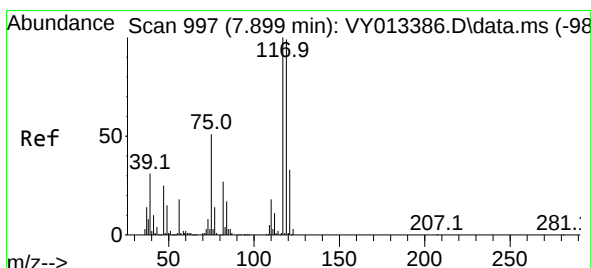
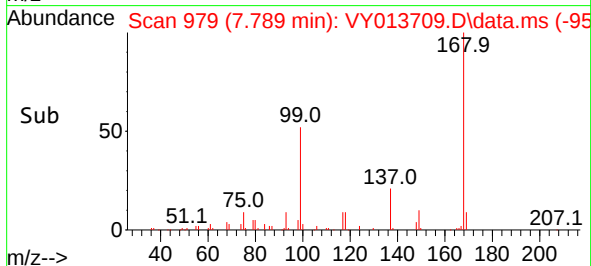
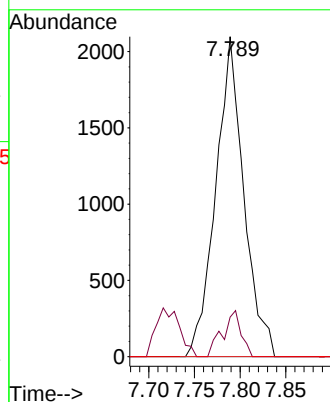
Tgt Ion: 75 Resp: 4484

Ion Ratio Lower Upper

75 100

110 9.6 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.933 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013709.D

Acq: 11 May 2023 11:53

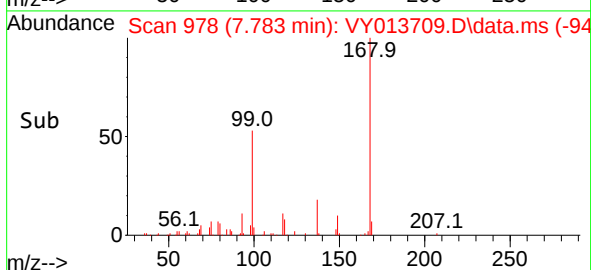
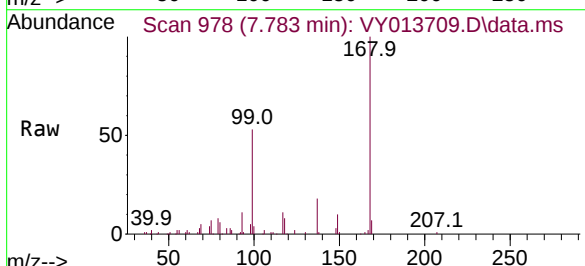
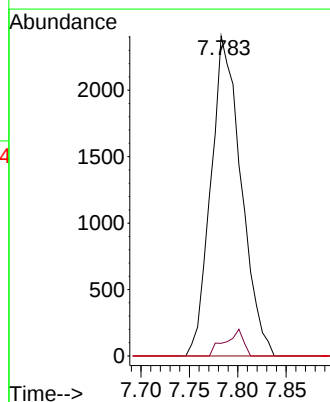
Tgt Ion: 117 Resp: 5240

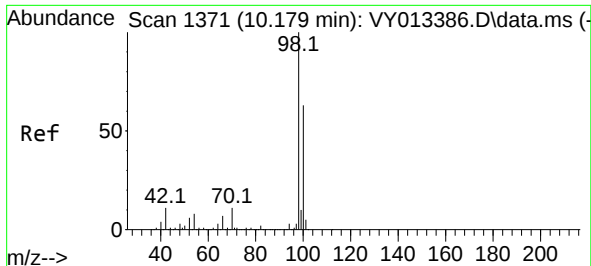
Ion Ratio Lower Upper

117 100

119 3.9 79.0 118.6#

121 0.0 26.6 40.0#

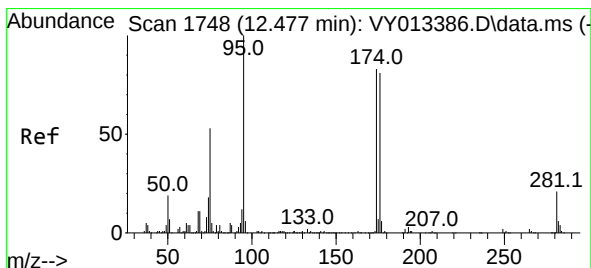
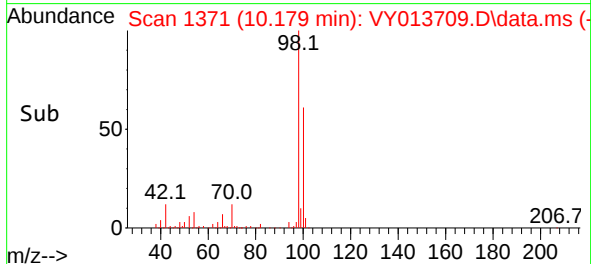
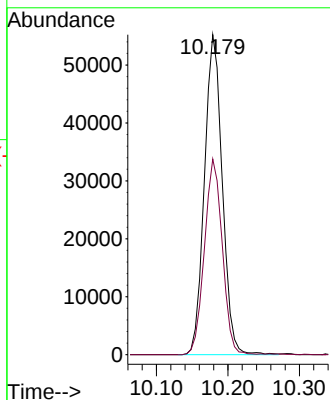
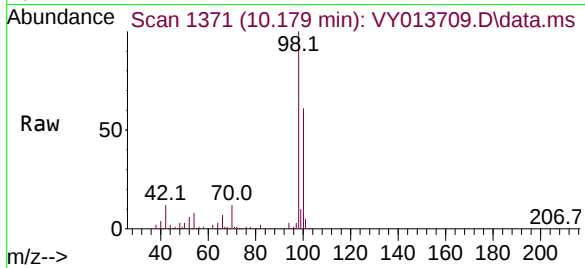




#50
Toluene-d8
Concen: 53.046 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

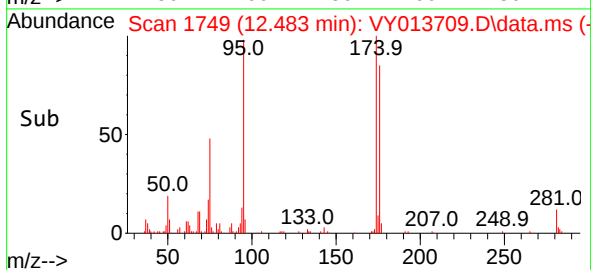
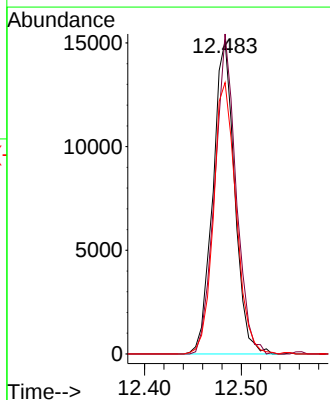
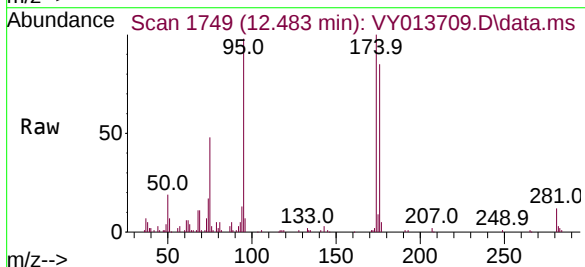
Instrument :
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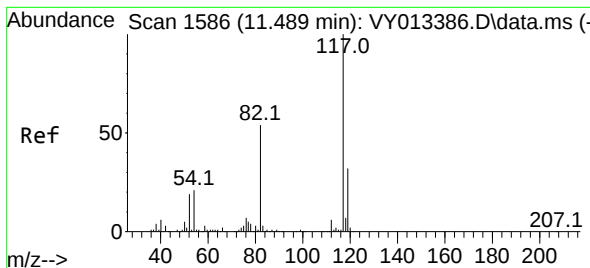
Tgt Ion: 98 Resp: 95810
Ion Ratio Lower Upper
98 100
100 61.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 38.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

Tgt Ion: 95 Resp: 23555
Ion Ratio Lower Upper
95 100
174 99.8 0.0 182.0
176 90.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013709.D

Acq: 11 May 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-01_10-12_20230509

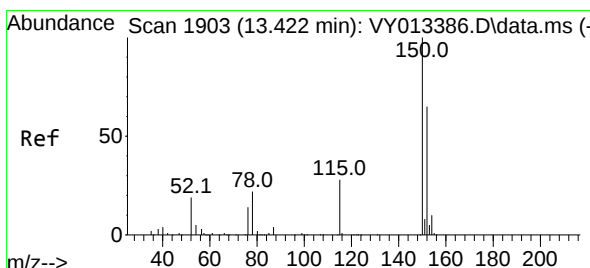
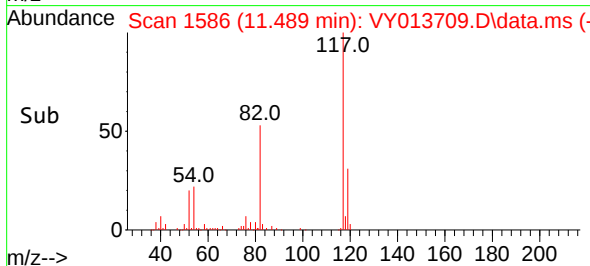
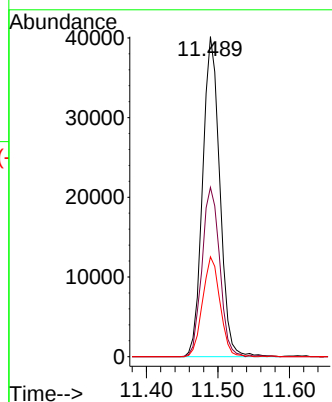
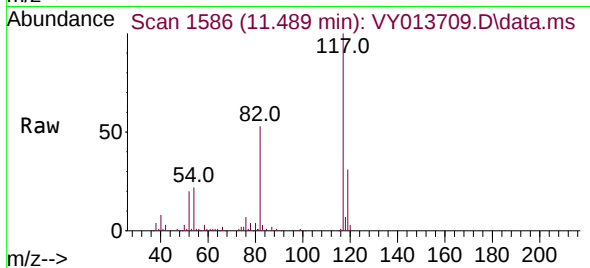
Tgt Ion:117 Resp: 66970

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.6

119 31.2 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: VY013709.D

Acq: 11 May 2023 11:53

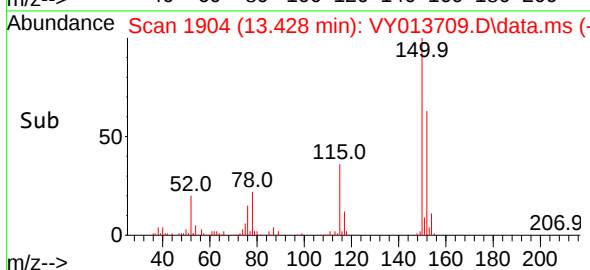
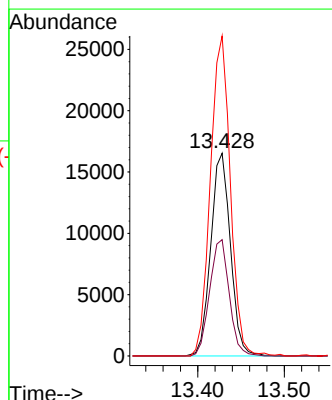
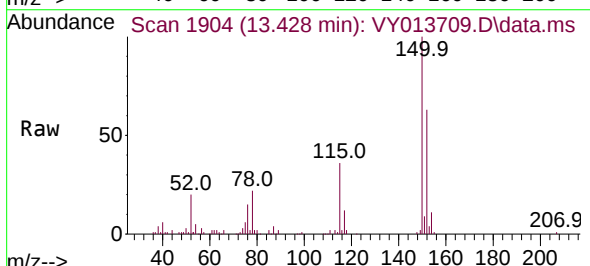
Tgt Ion:152 Resp: 26102

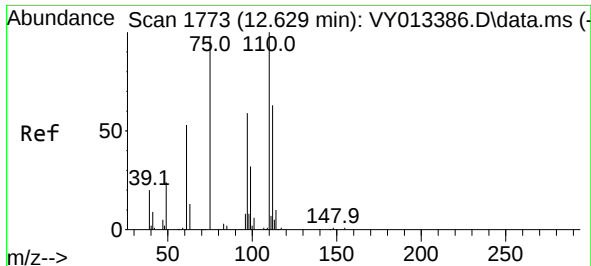
Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.2

150 159.7 0.0 352.0

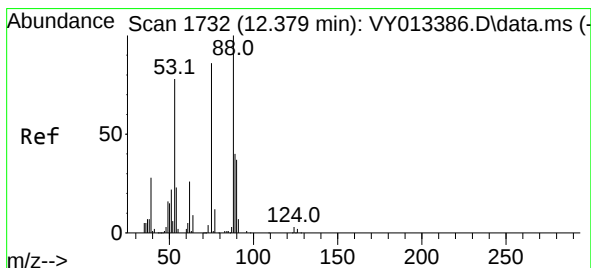
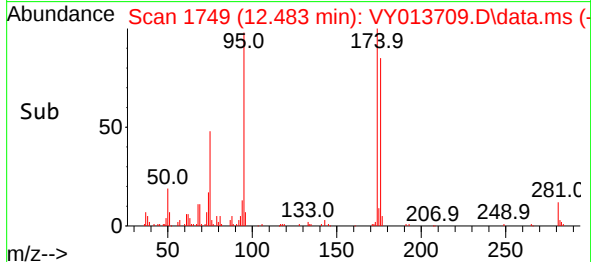
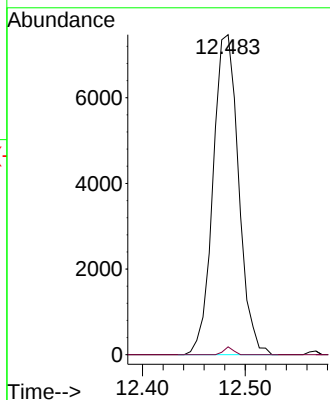
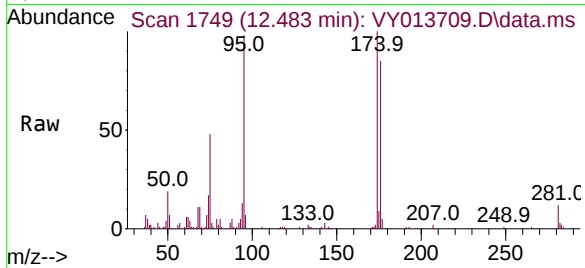




#76
1,2,3-Trichloropropane
Concen: 36.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-01_10-12_20230509

Tgt Ion: 75 Resp: 12900
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.961 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013709.D
Acq: 11 May 2023 11:53

Tgt Ion: 75 Resp: 12900
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.3 38.0 57.0#

