

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013173.D
 Acq On : 03 Apr 2023 14:11
 Operator : KP/MD
 Sample : 02163-04
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4A

Quant Time: Apr 03 23:08:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

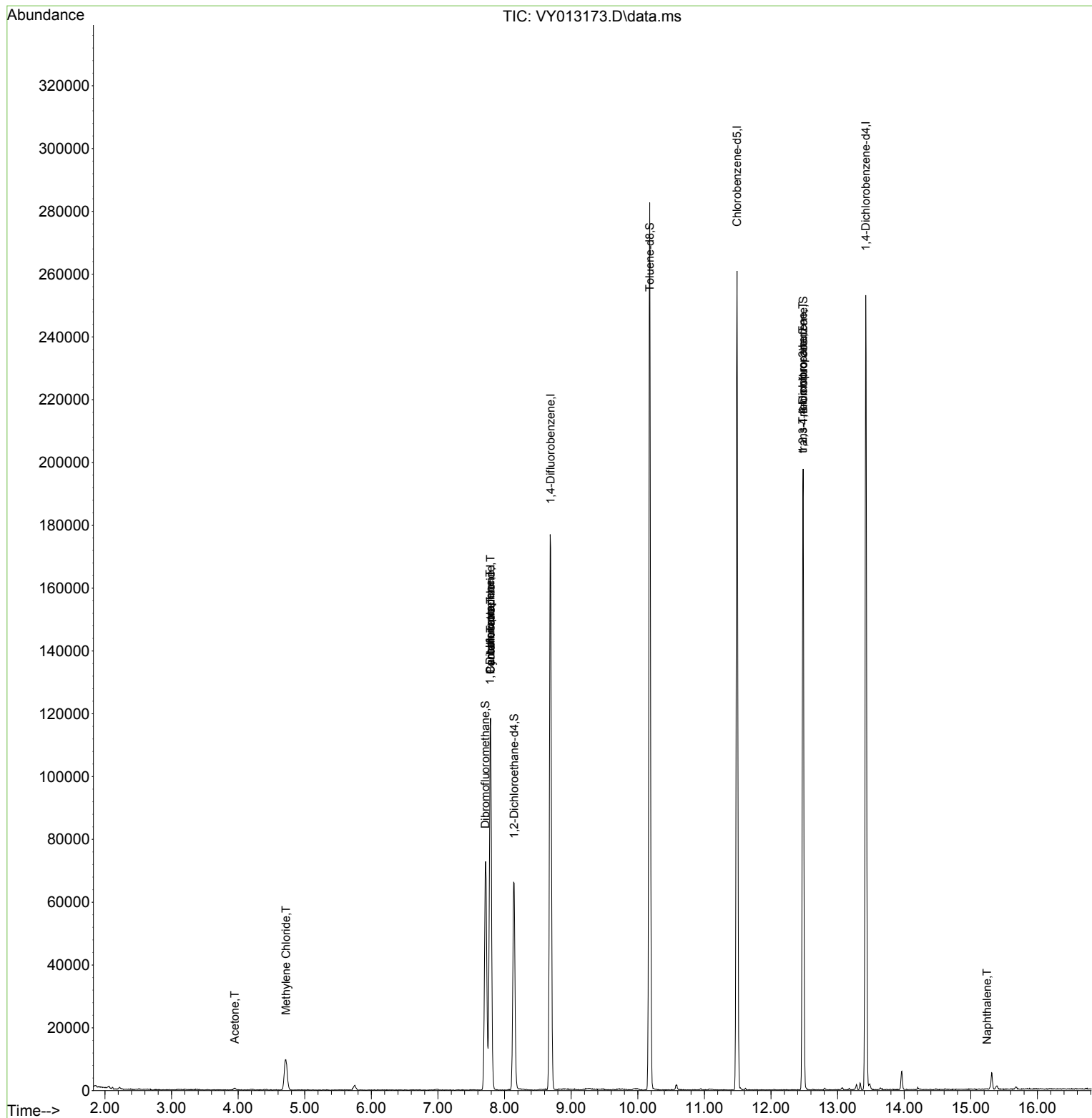
Internal Standards						
1) Pentafluorobenzene	7.789	168	96038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54406	52.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.420%	
35) Dibromofluoromethane	7.710	113	51093	51.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.000%	
50) Toluene-d8	10.179	98	182408	48.234	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	12.483	95	57169	46.442	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	897	2.842	ug/l	96
20) Methylene Chloride	4.716	84	7630	1.829	ug/l	91
31) Cyclohexane	7.789	56	1968	1.168	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	6495	4.307	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8716	5.238	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	29650	39.000	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29650	86.974	ug/l #	13
95) Naphthalene	15.245	128	194	3.305	ug/l #	69

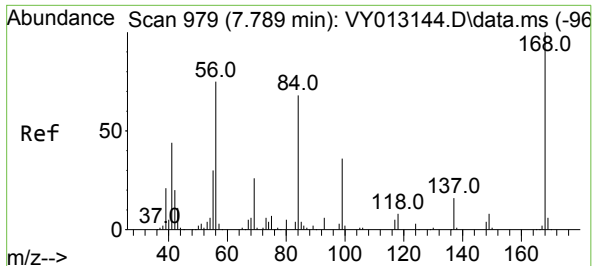
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

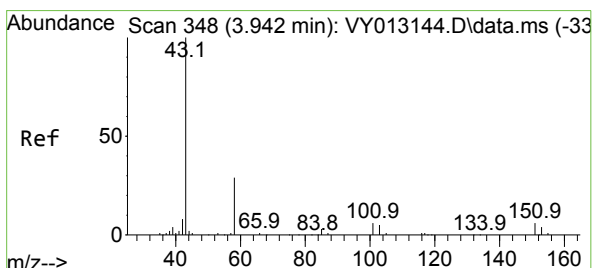
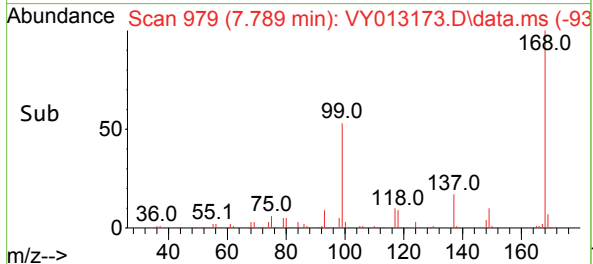
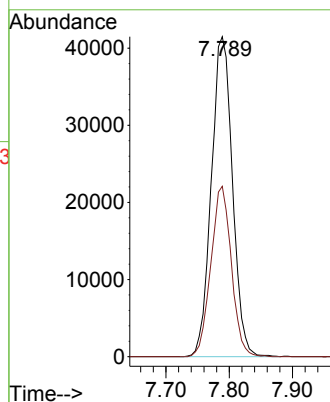
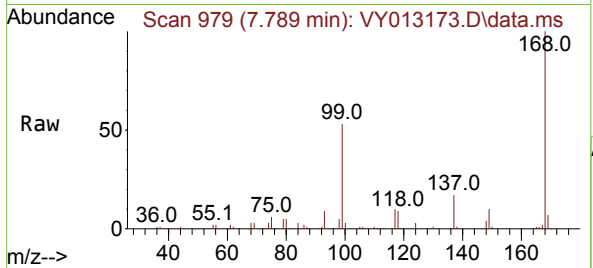




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

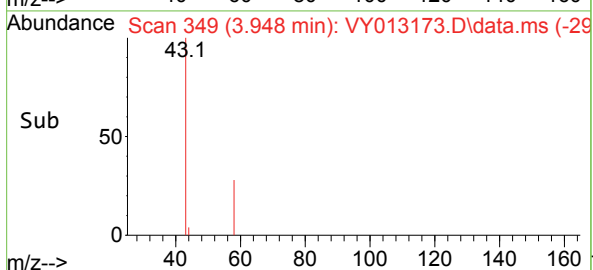
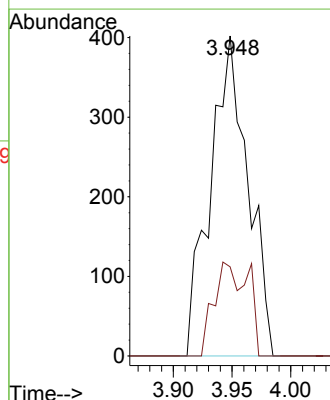
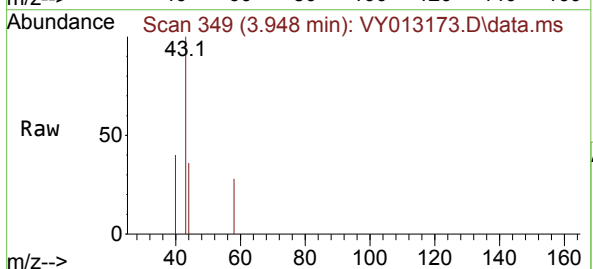
Instrument :
MSVOA_Y
ClientSampleId :
SB-4A

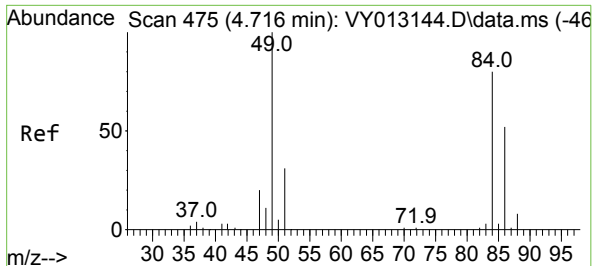
Tgt Ion:168 Resp: 96038
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#16
Acetone
Concen: 2.842 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

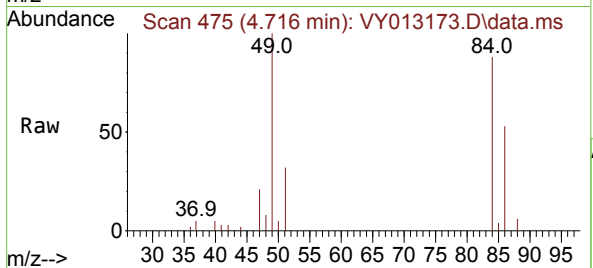
Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
58 27.9 24.2 36.2



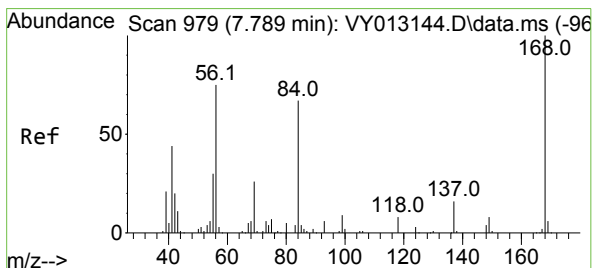
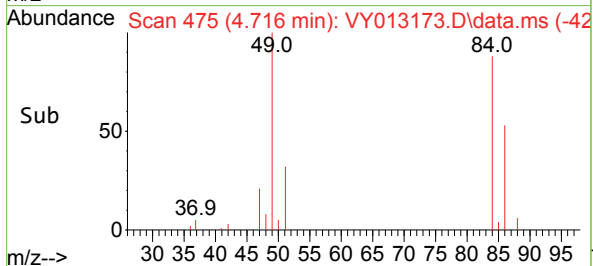
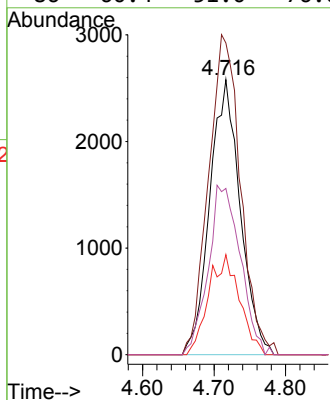


#20
Methylene Chloride
Concen: 1.829 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-4A

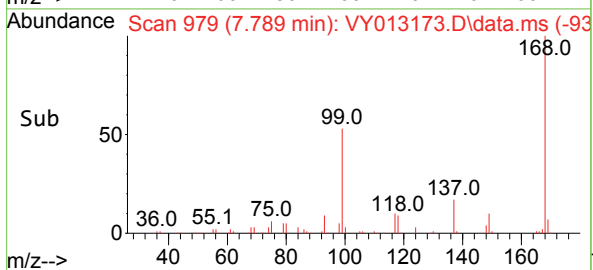
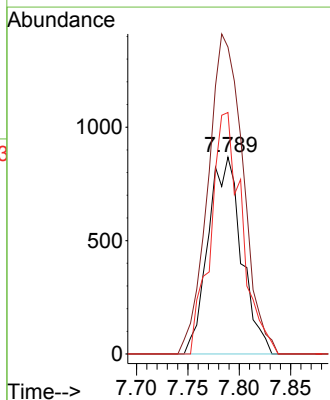
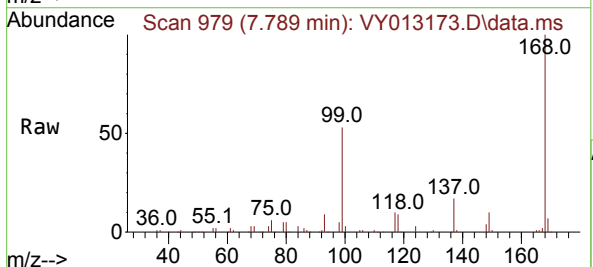


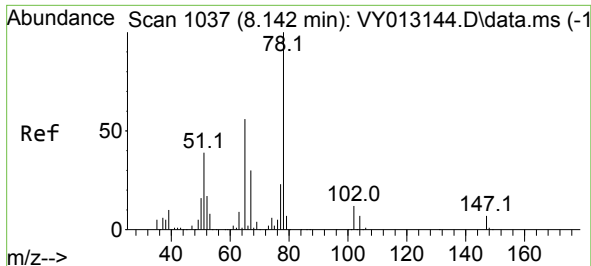
Tgt Ion:	84	Resp:	7630
Ion	Ratio	Lower	Upper
84	100		
49	113.3	102.6	154.0
51	36.3	31.9	47.9
86	60.4	51.0	76.6



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

Tgt Ion:	56	Resp:	1968
Ion	Ratio	Lower	Upper
56	100		
69	155.9	25.7	38.5#
84	122.7	64.3	96.5#

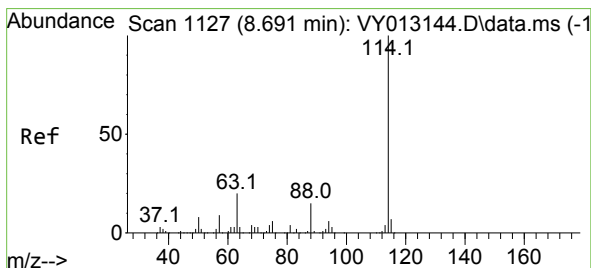
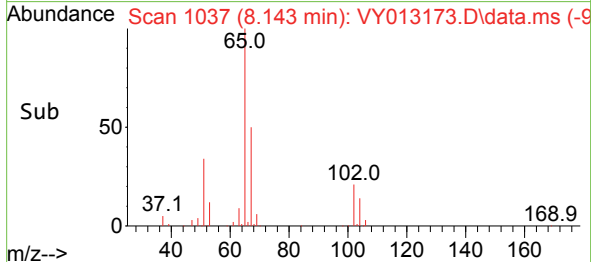
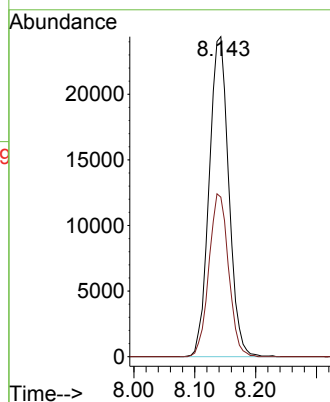
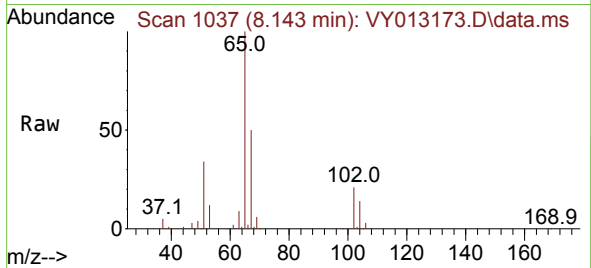




#33
 1,2-Dichloroethane-d4
 Concen: 52.714 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY013173.D
 Acq: 03 Apr 2023 14:11

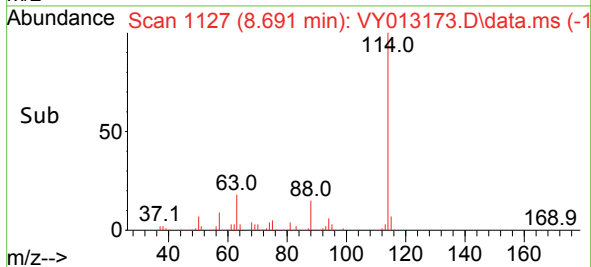
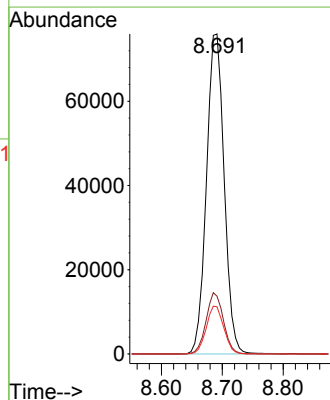
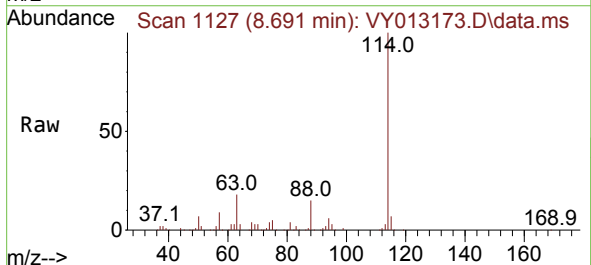
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4A

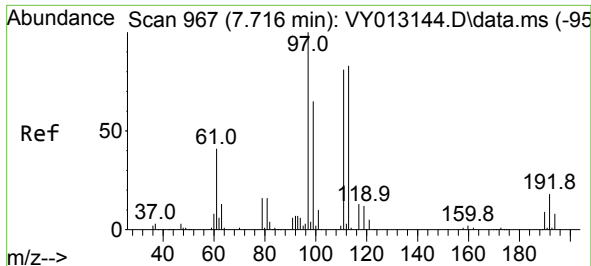
Tgt Ion: 65 Resp: 54406
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013173.D
 Acq: 03 Apr 2023 14:11

Tgt Ion: 114 Resp: 153345
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.4
 88 14.7 0.0 28.6

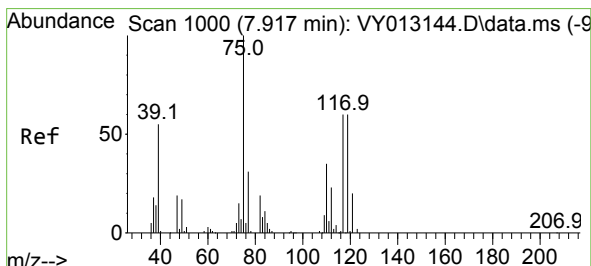
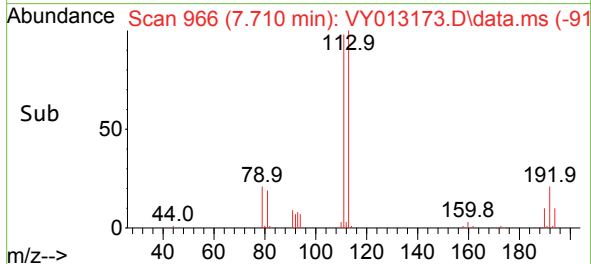
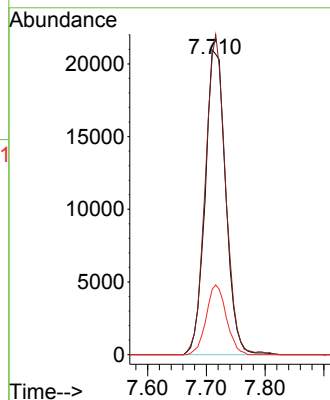
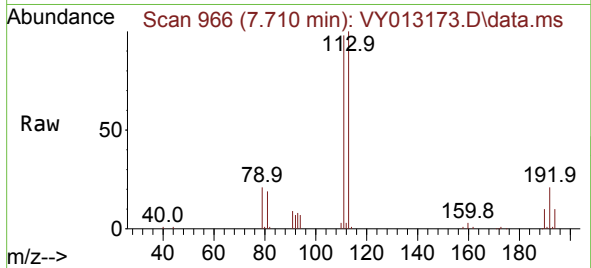




#35
Dibromofluoromethane
Concen: 51.004 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

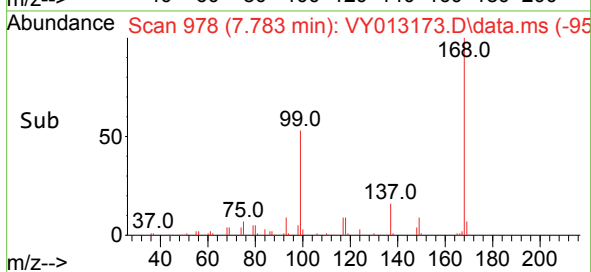
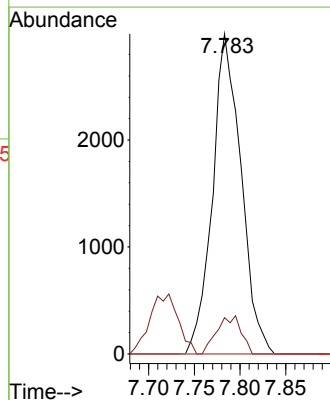
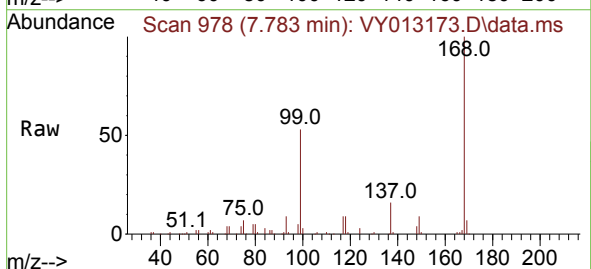
Instrument :
MSVOA_Y
ClientSampleId :
SB-4A

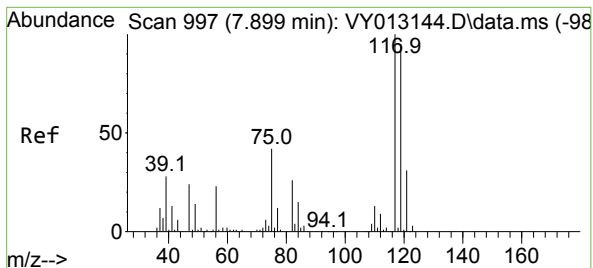
Tgt Ion:113 Resp: 51093
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.307 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

Tgt Ion: 75 Resp: 6495
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.238 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY013173.D

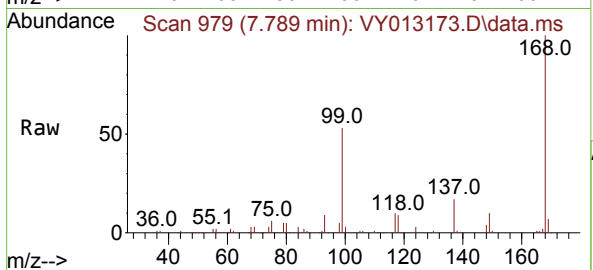
Acq: 03 Apr 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-4A



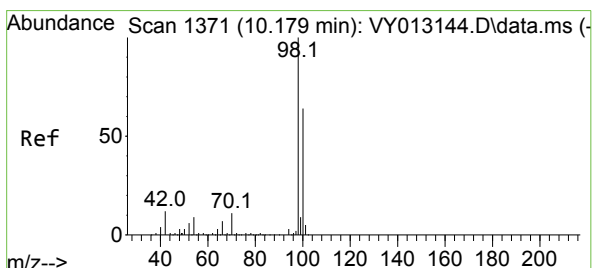
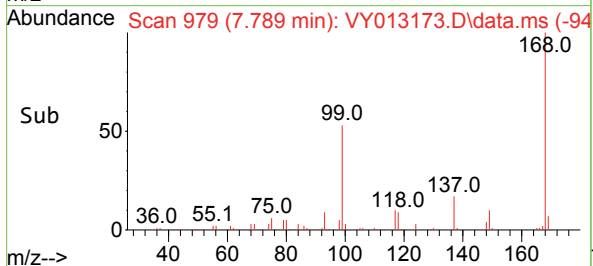
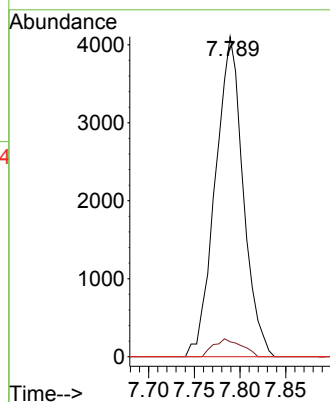
Tgt Ion:117 Resp: 8716

Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 48.234 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013173.D

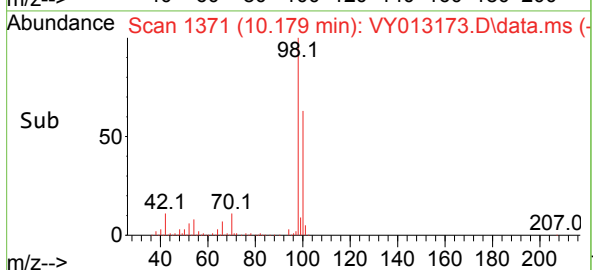
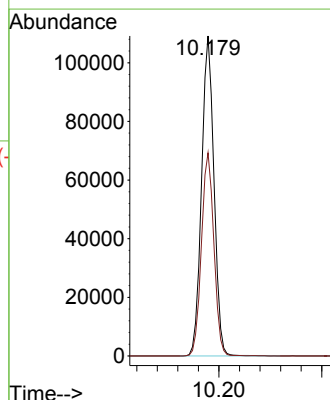
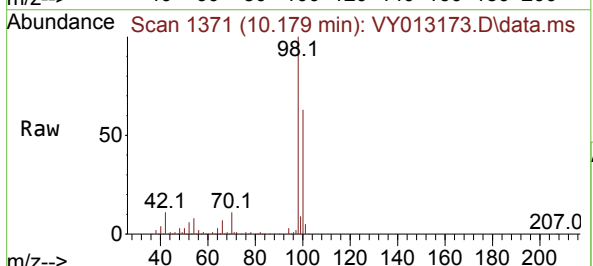
Acq: 03 Apr 2023 14:11

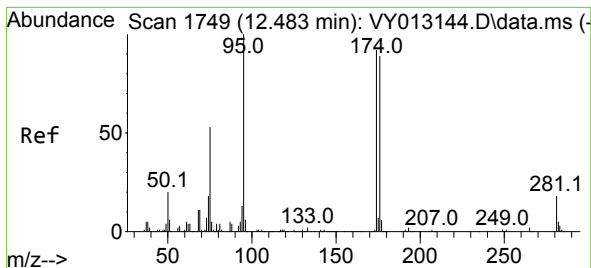
Tgt Ion: 98 Resp: 182408

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

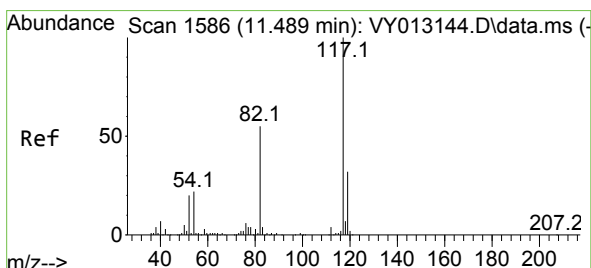
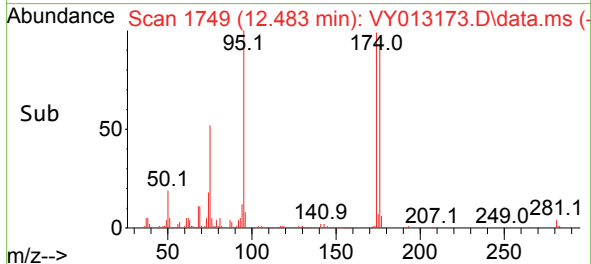
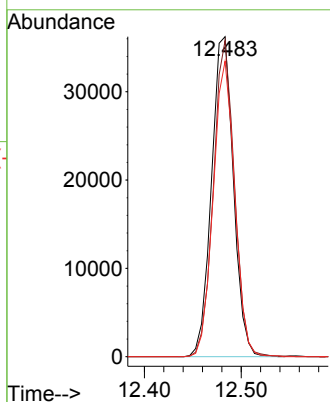
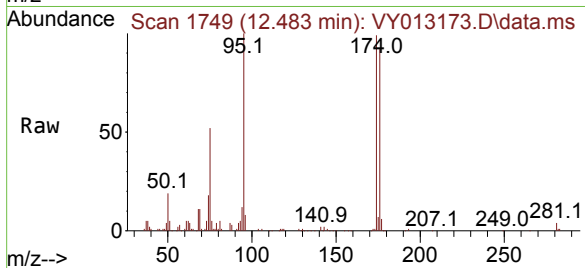




#62
4-Bromofluorobenzene
Concen: 46.442 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

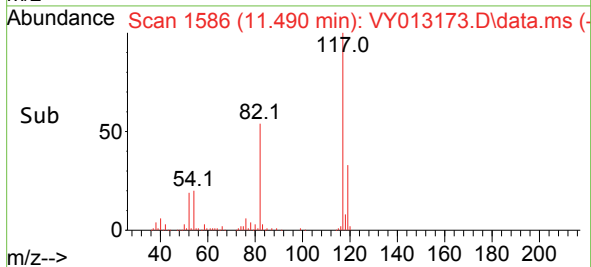
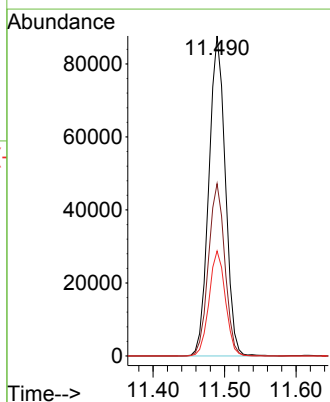
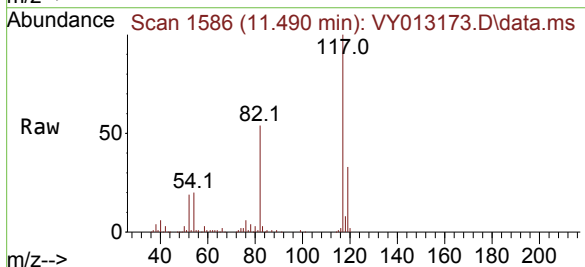
Instrument :
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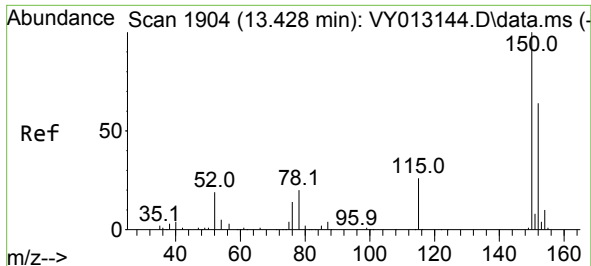
Tgt Ion: 95 Resp: 57169
Ion Ratio Lower Upper
95 100
174 94.8 0.0 176.6
176 90.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

Tgt Ion: 117 Resp: 140460
Ion Ratio Lower Upper
117 100
82 53.8 45.4 68.0
119 32.8 25.6 38.4

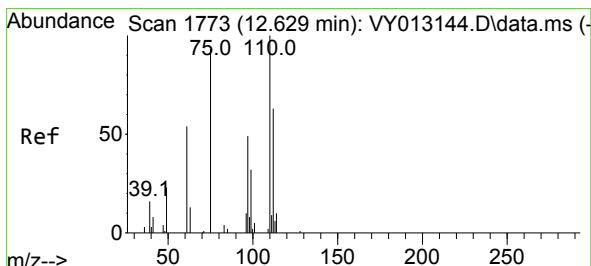
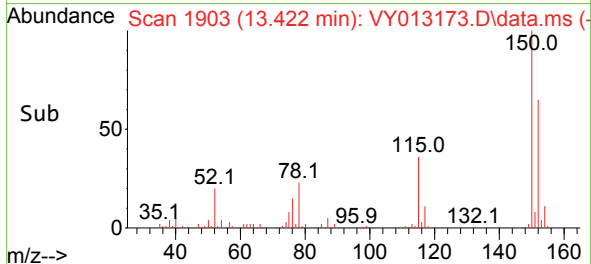
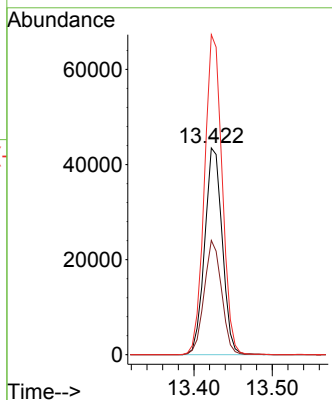
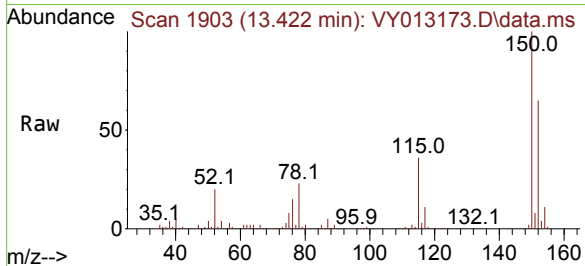




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY013173.D
 Acq: 03 Apr 2023 14:11

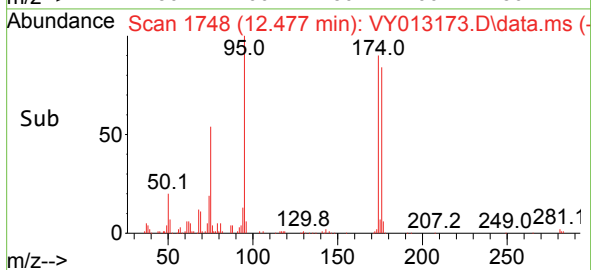
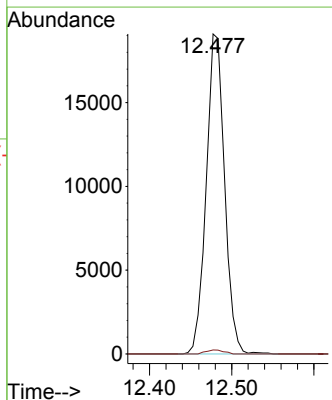
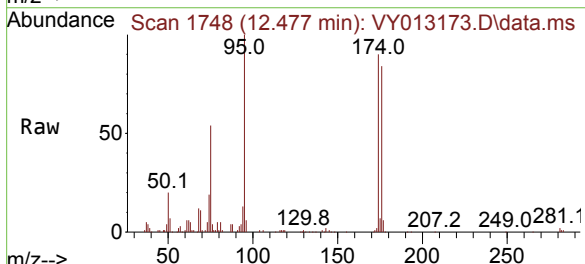
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4A

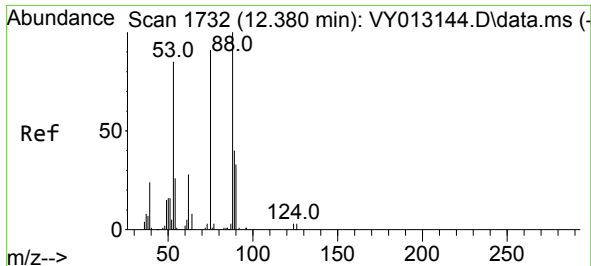
Tgt Ion:152 Resp: 67676
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.1 81.3
 150 155.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 39.000 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013173.D
 Acq: 03 Apr 2023 14:11

Tgt Ion: 75 Resp: 29650
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

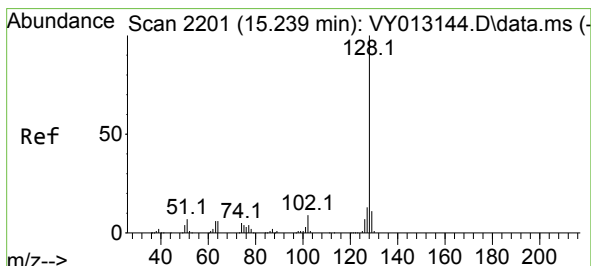
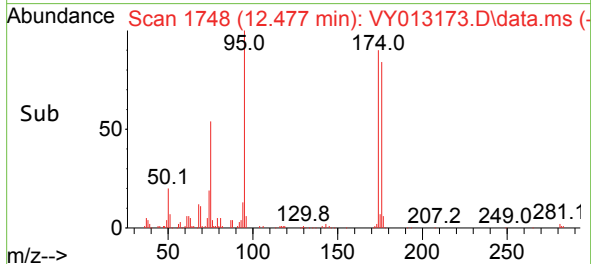
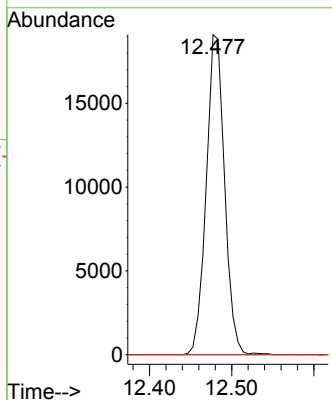
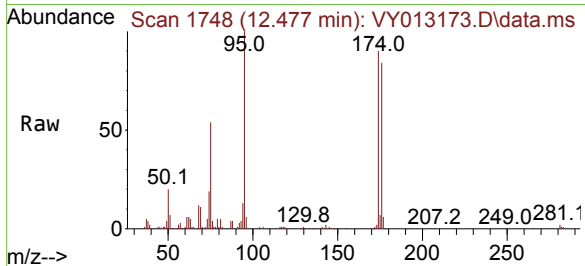




#81
trans-1,4-Dichloro-2-butene
Concen: 86.974 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-4A

Tgt Ion: 75 Resp: 29650
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.305 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY013173.D
Acq: 03 Apr 2023 14:11

Tgt Ion:128 Resp: 194
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

