

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013517.D
 Acq On : 28 Apr 2023 11:46
 Operator : KP/MD
 Sample : 02470-13RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-8.5-9.0

Quant Time: Apr 28 15:19:48 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)

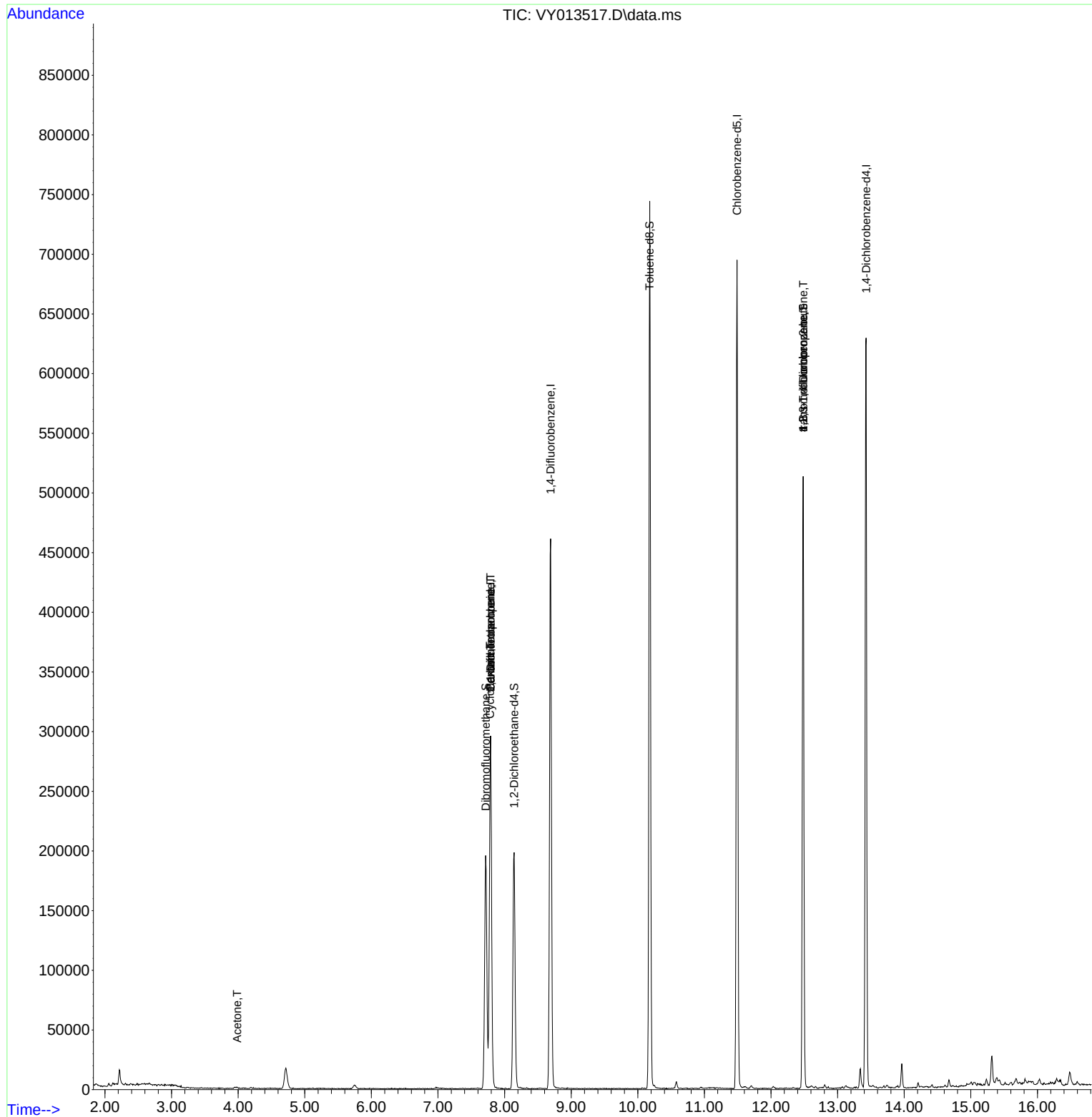
Internal Standards						
1) Pentafluorobenzene	7.789	168	228023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	381923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	367303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	161224	64.499	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.000%	
35) Dibromofluoromethane	7.716	113	133819	55.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.420%	
50) Toluene-d8	10.179	98	465942	54.526	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.483	95	147592	51.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.460%	
Target Compounds						
					Qvalue	
13) Acrolein	3.844	56	38	Below Cal	#	16
16) Acetone	3.985	43	2706	2.749	ug/l #	81
20) Methylene Chloride	4.716	84	12391	Below Cal	#	83
31) Cyclohexane	7.783	56	5119	1.144	ug/l #	39
36) 1,1-Dichloropropene	7.789	75	17137	4.299	ug/l #	49
38) Carbon Tetrachloride	7.789	117	22483	5.381	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	79636	36.580	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79636	74.827	ug/l #	13

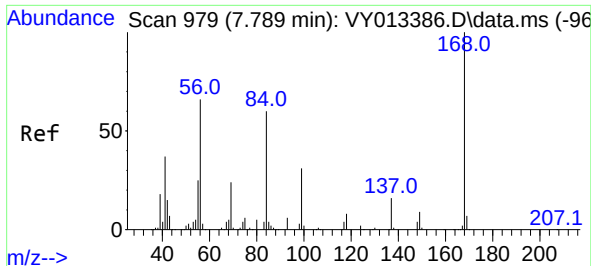
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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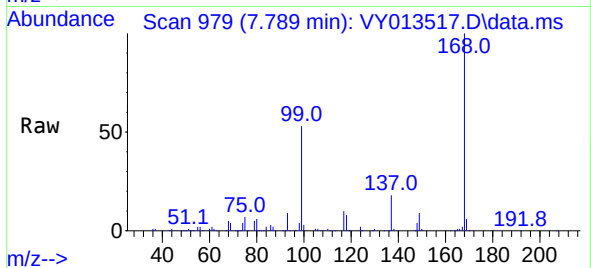
Quant Time: Apr 28 15:19:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
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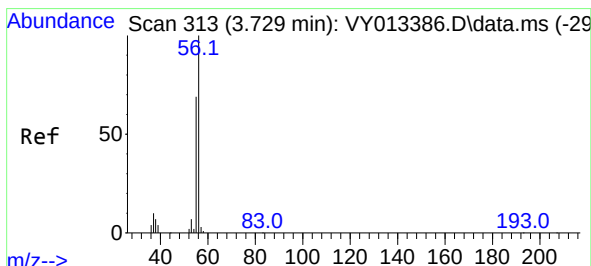
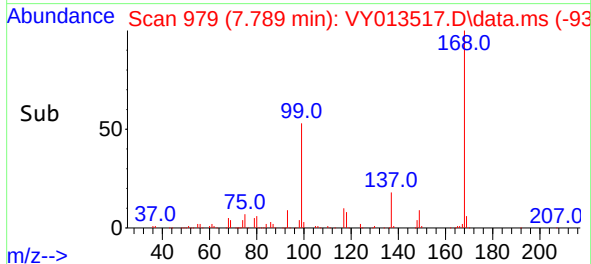
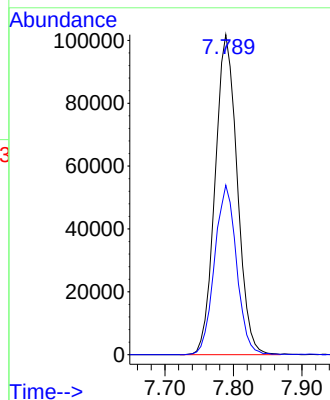


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

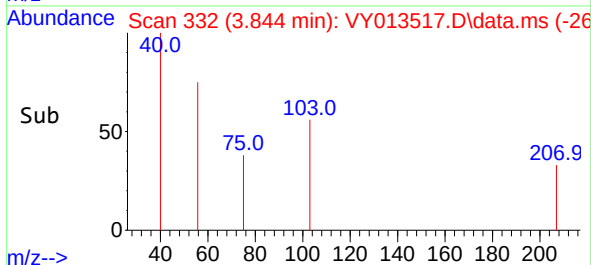
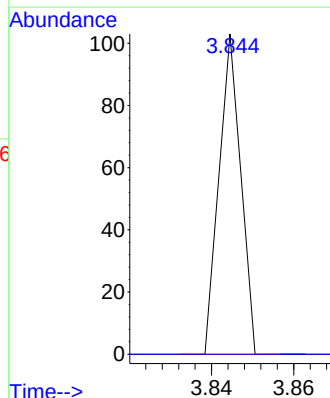
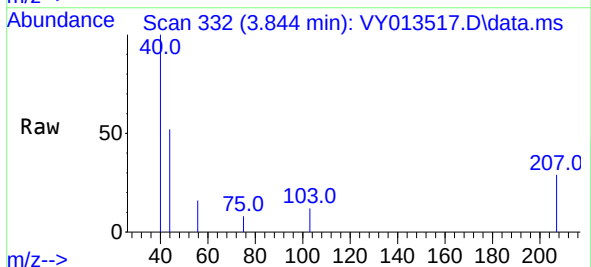


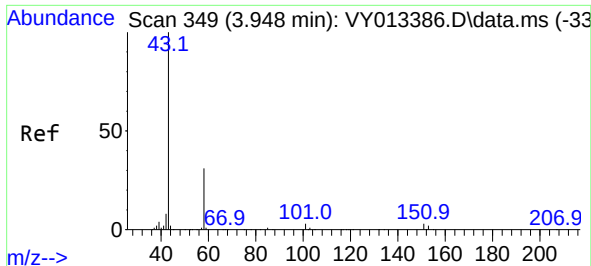
Tgt Ion:168 Resp: 228023
Ion Ratio Lower Upper
168 100
99 52.9 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.844 min Scan# 332
Delta R.T. 0.115 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

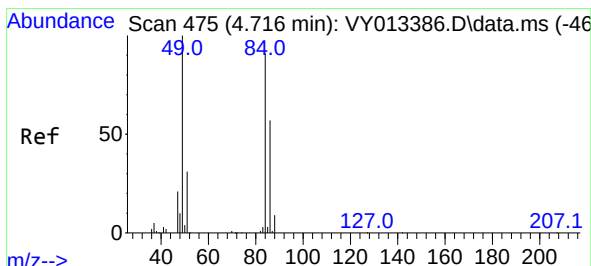
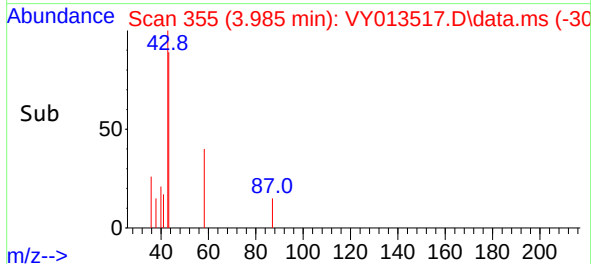
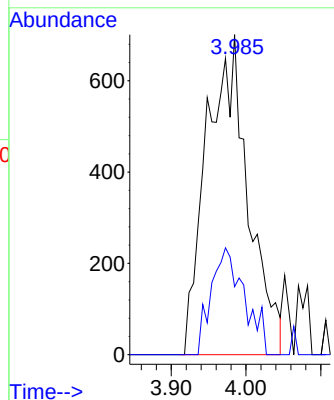
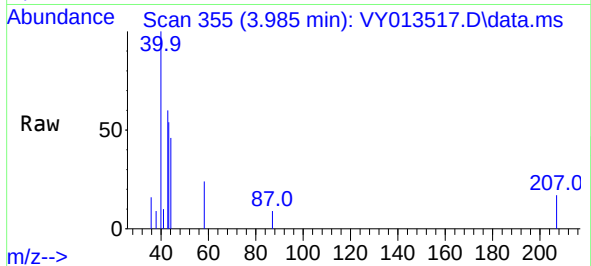




#16
Acetone
Concen: 2.749 ug/l
RT: 3.985 min Scan# 31
Delta R.T. 0.037 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

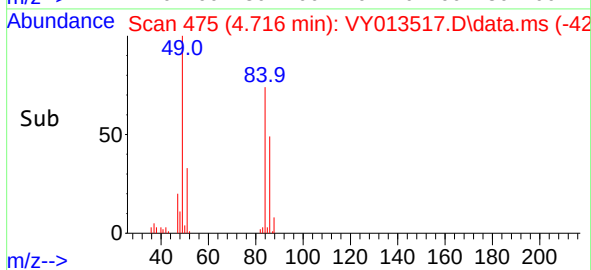
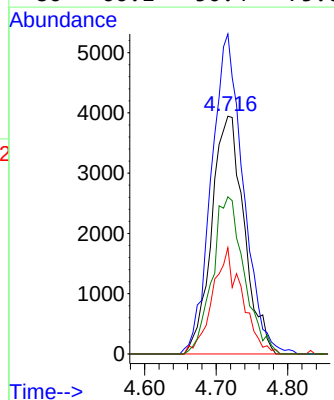
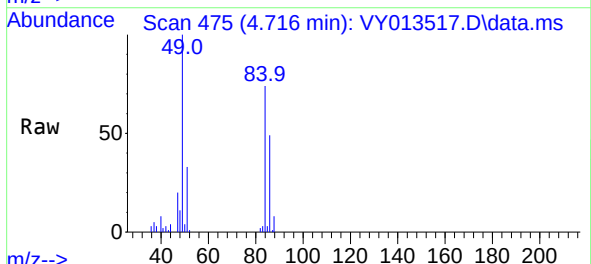
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

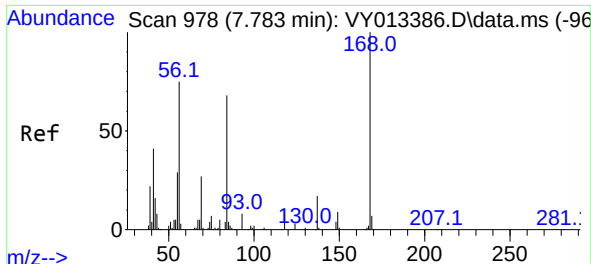
Tgt Ion: 43 Resp: 2706
Ion Ratio Lower Upper
43 100
58 21.3 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

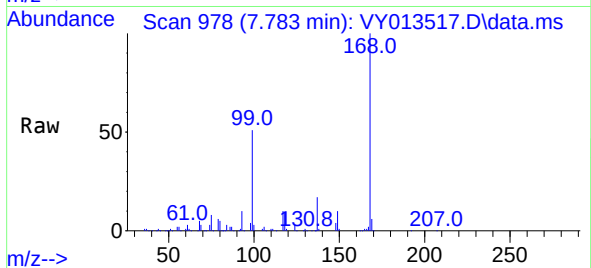
Tgt Ion: 84 Resp: 12391
Ion Ratio Lower Upper
84 100
49 134.6 88.0 132.0#
51 44.7 27.4 41.0#
86 66.1 50.4 75.6



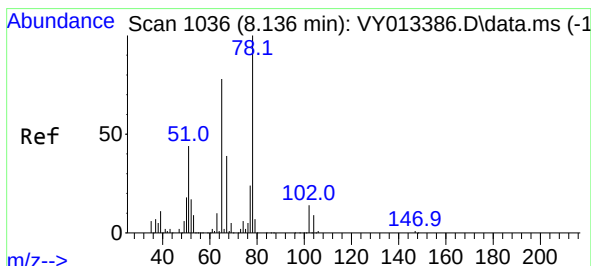
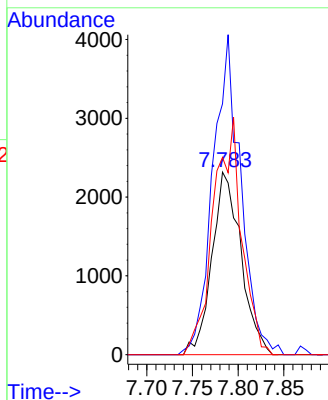
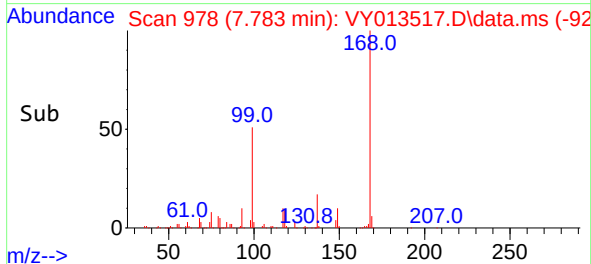


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

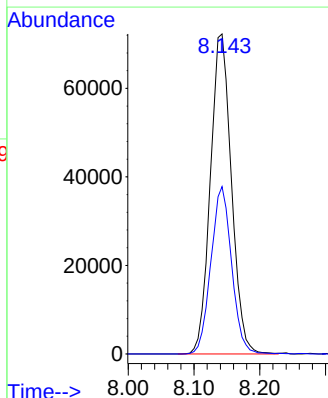
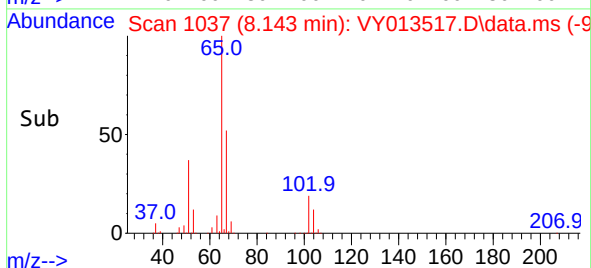
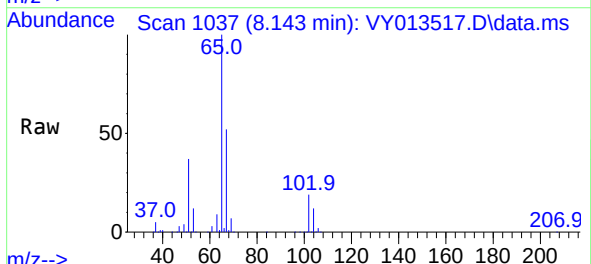


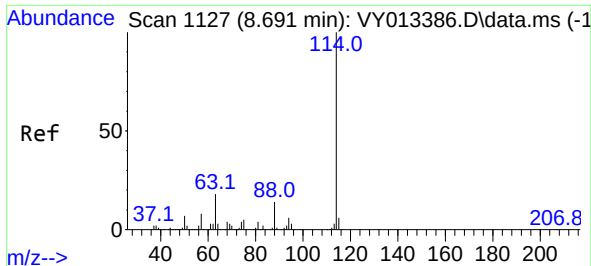
Tgt Ion: 56 Resp: 5119
Ion Ratio Lower Upper
56 100
69 137.4 29.2 43.8#
84 108.1 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 64.499 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Tgt Ion: 65 Resp: 161224
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

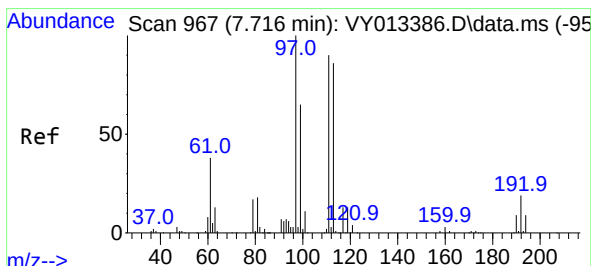
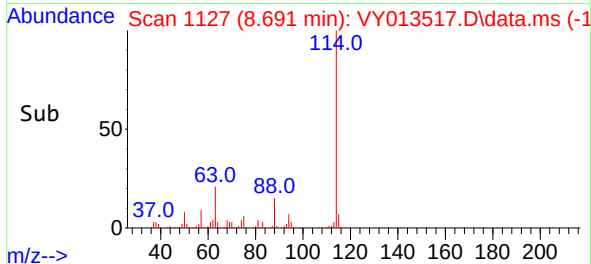
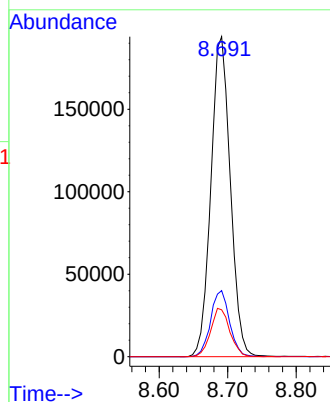
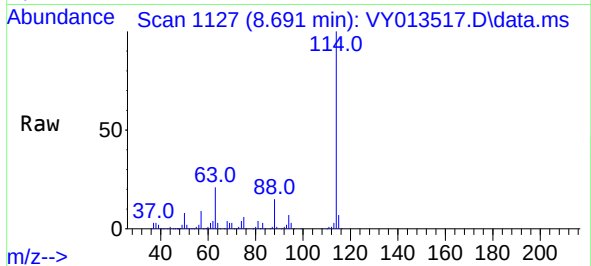




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

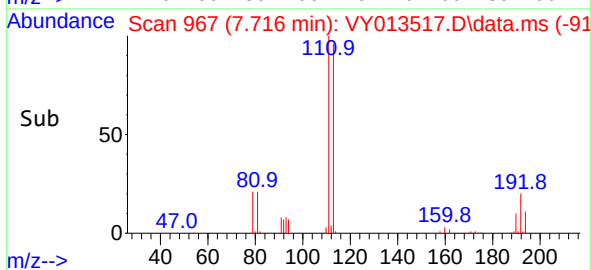
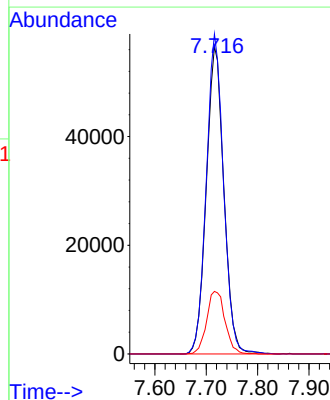
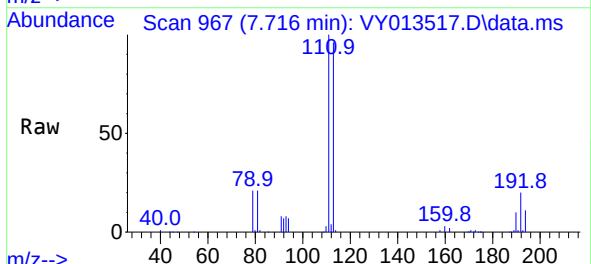
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

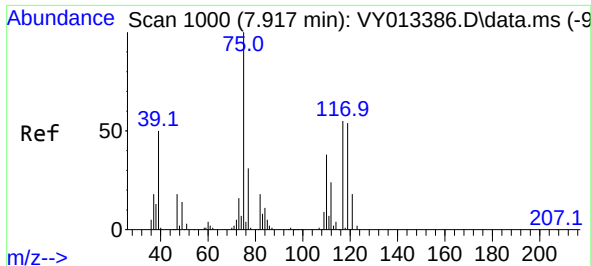
Tgt Ion:	114	Resp:	381923
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	36.6
88	14.6	0.0	28.8



#35
Dibromofluoromethane
Concen: 55.709 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Tgt Ion:	113	Resp:	133819
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	21.4	16.7	25.1

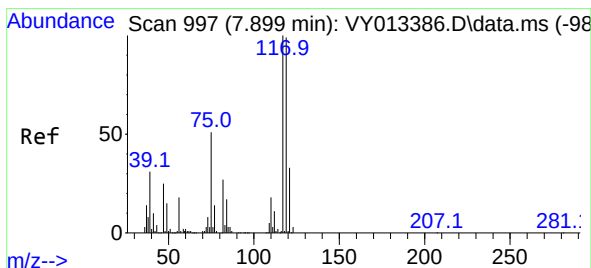
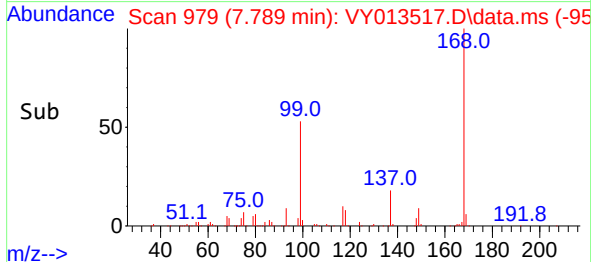
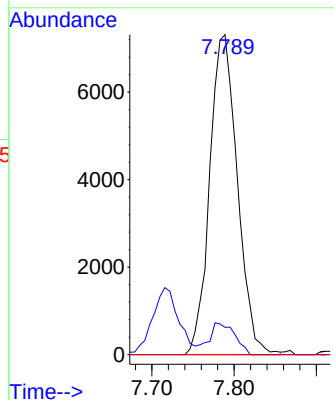
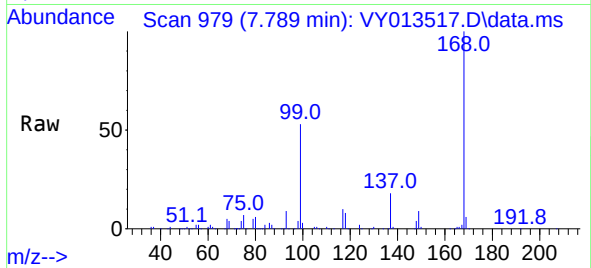




#36
 1,1-Dichloropropene
 Concen: 4.299 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013517.D
 Acq: 28 Apr 2023 11:46

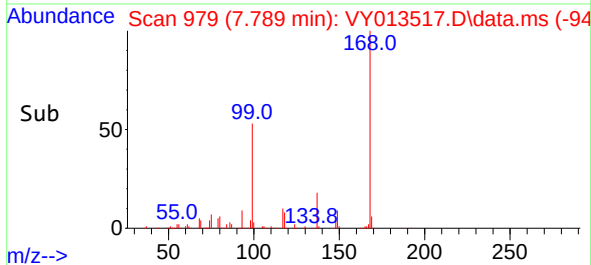
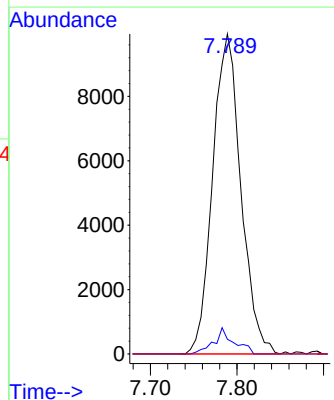
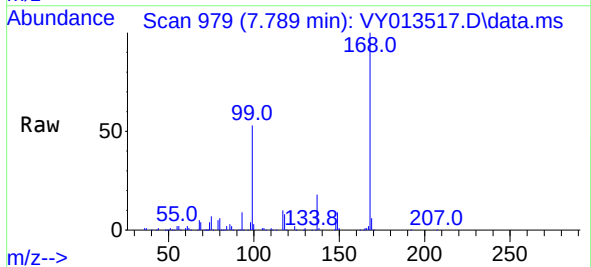
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-8.5-9.0

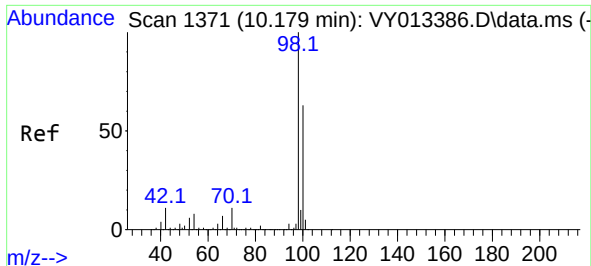
Tgt Ion: 75 Resp: 17137
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.7 56.1#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.381 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY013517.D
 Acq: 28 Apr 2023 11:46

Tgt Ion: 117 Resp: 22483
 Ion Ratio Lower Upper
 117 100
 119 4.6 79.0 118.6#
 121 0.0 26.6 40.0#

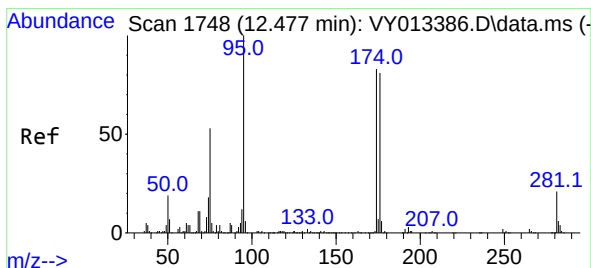
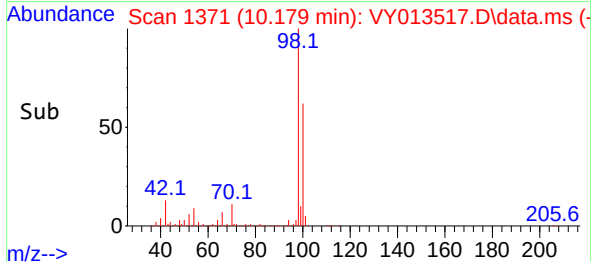
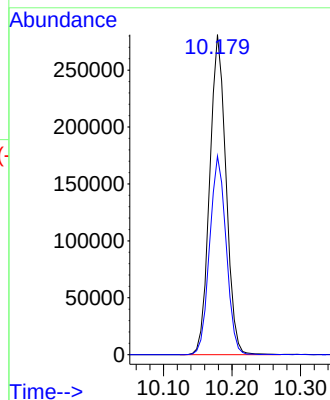
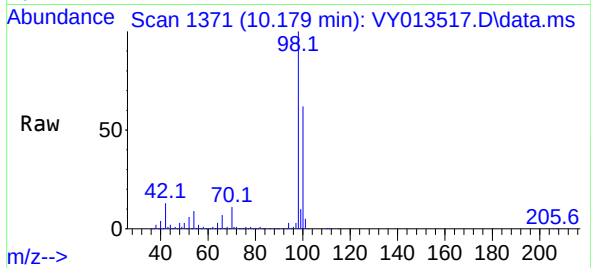




#50
Toluene-d8
Concen: 54.526 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

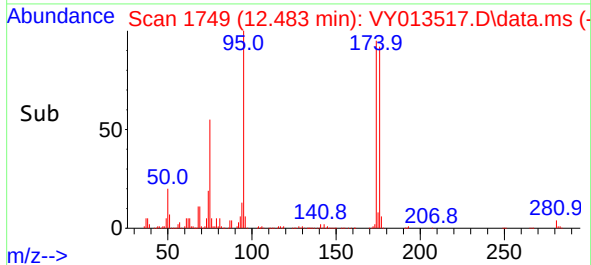
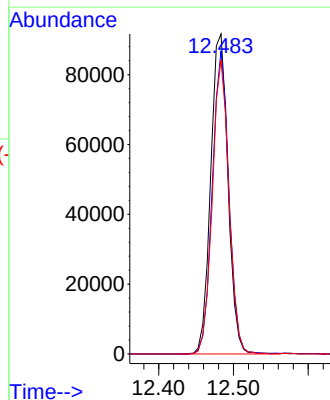
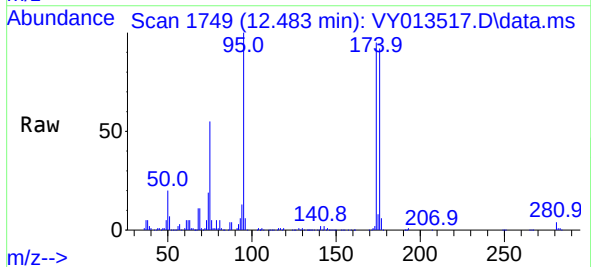
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

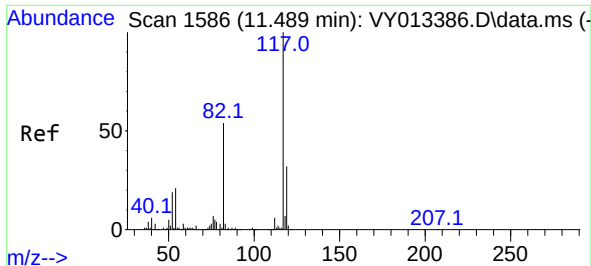
Tgt Ion: 98 Resp: 465942
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.232 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Tgt Ion: 95 Resp: 147592
Ion Ratio Lower Upper
95 100
174 90.9 0.0 182.0
176 88.3 0.0 175.4

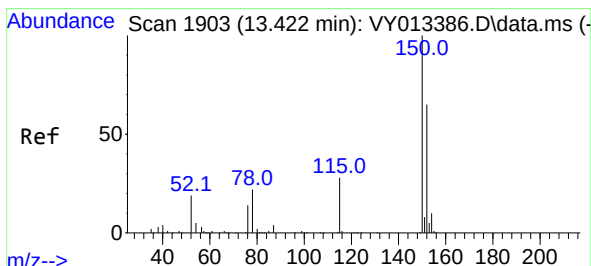
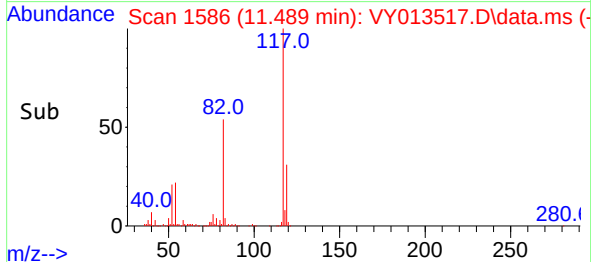
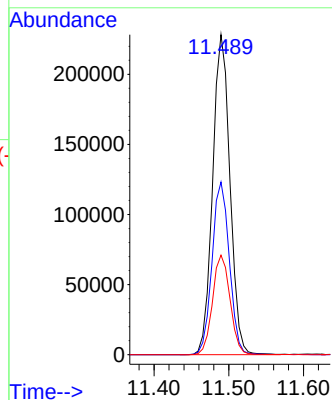
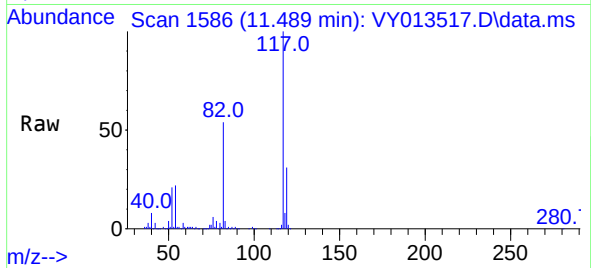




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

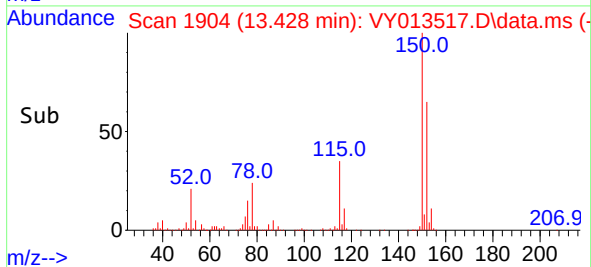
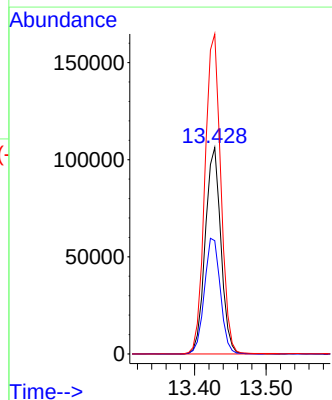
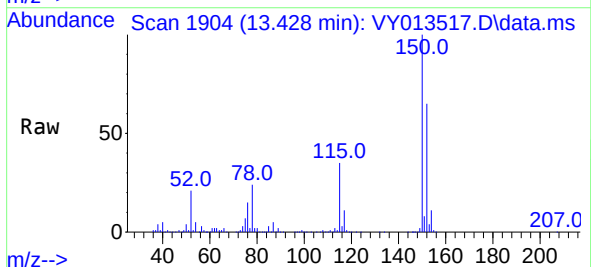
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

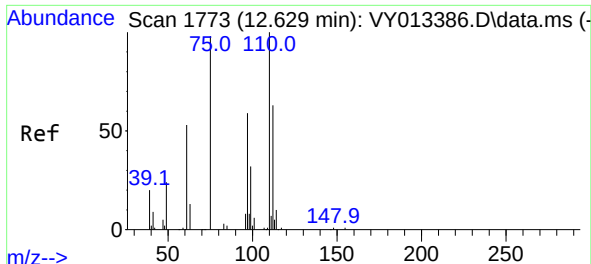
Tgt Ion:117 Resp: 367303
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Tgt Ion:152 Resp: 161425
Ion Ratio Lower Upper
152 100
115 57.3 28.1 84.2
150 157.7 0.0 352.0

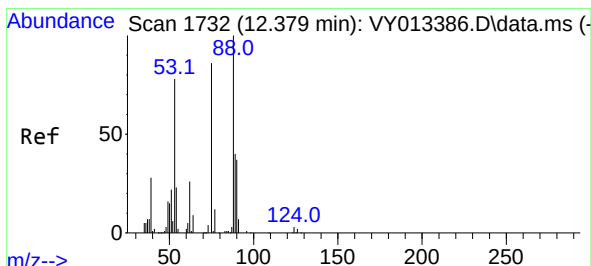
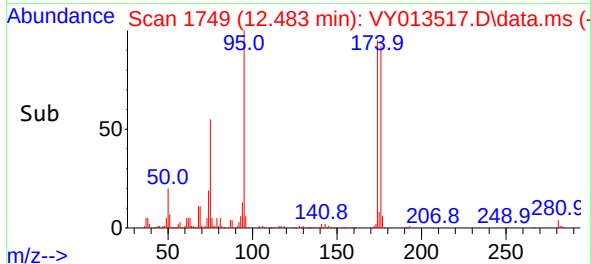
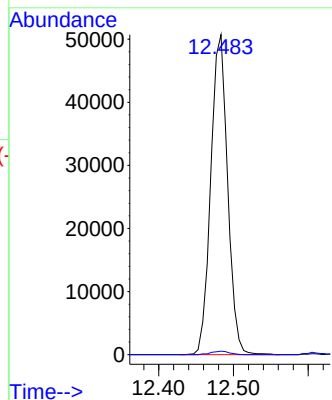
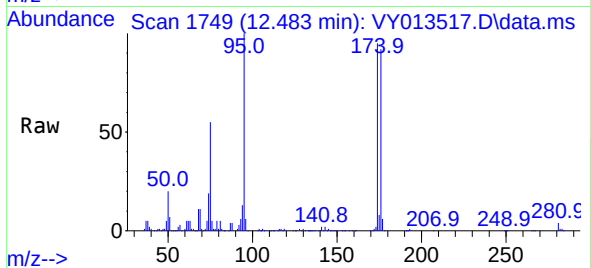




#76
1,2,3-Trichloropropane
Concen: 36.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

Tgt Ion: 75 Resp: 79636
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013517.D
Acq: 28 Apr 2023 11:46

Tgt Ion: 75 Resp: 79636
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.0 38.0 57.0#

