

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011417.D
 Acq On : 11 Nov 2022 14:39
 Operator : KP/MD
 Sample : N5530-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09

Quant Time: Nov 11 15:25:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

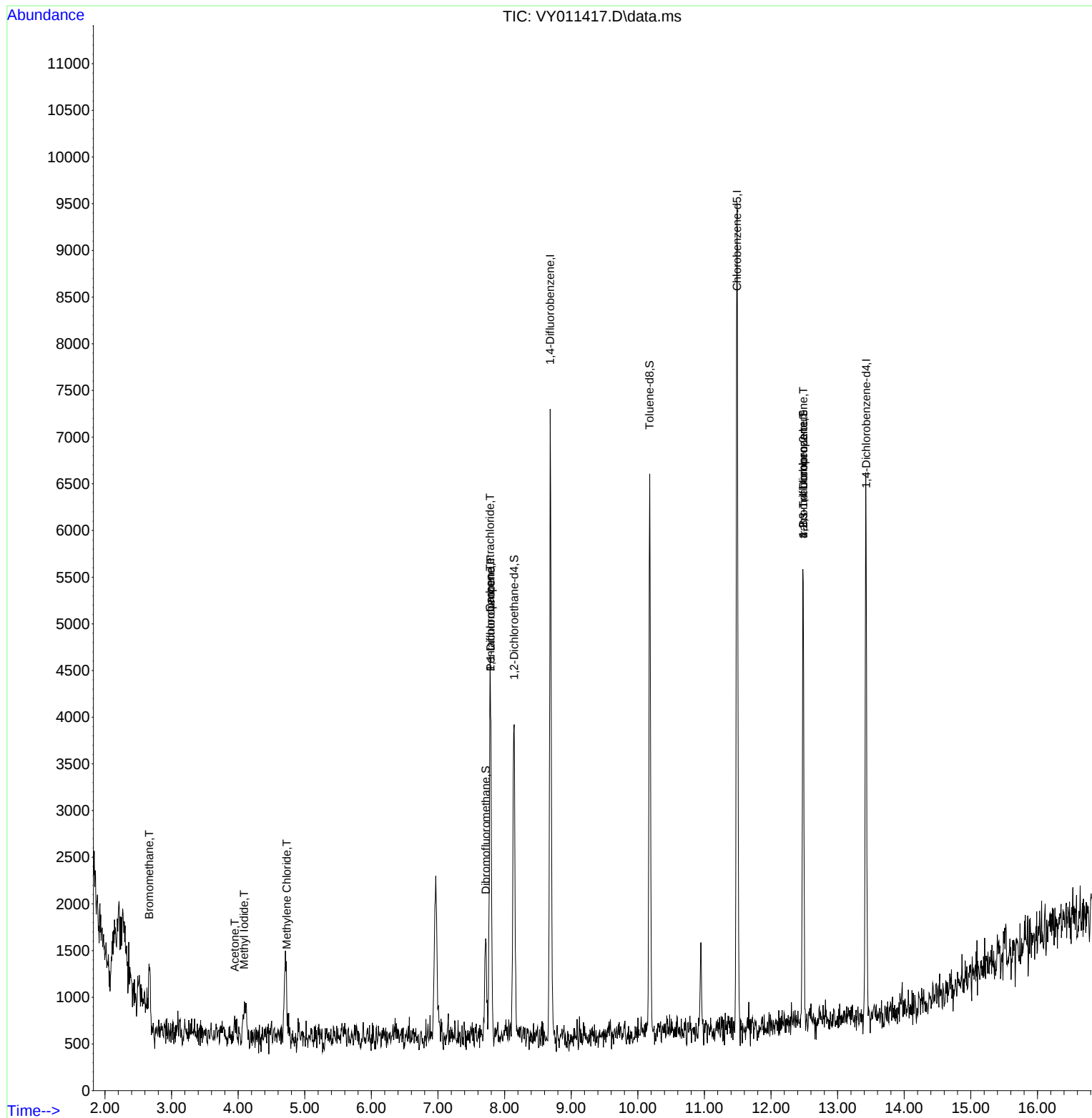
Internal Standards						
1) Pentafluorobenzene	7.789	168	3595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2860	94.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.880%#	
35) Dibromofluoromethane	7.716	113	923	25.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 51.300%#	
50) Toluene-d8	10.179	98	4556	33.146	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 66.300%	
62) 4-Bromofluorobenzene	12.483	95	1906	39.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	272	11.028	ug/l	86
10) Methyl Iodide	4.088	142	248	5.707	ug/l #	56
16) Acetone	3.948	43	94	11.825	ug/l #	16
20) Methylene Chloride	4.729	84	730	11.059	ug/l #	38
36) 1,1-Dichloropropene	7.789	75	186	3.331	ug/l #	42
38) Carbon Tetrachloride	7.783	117	360	5.927	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	869	41.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	869	99.534	ug/l #	7

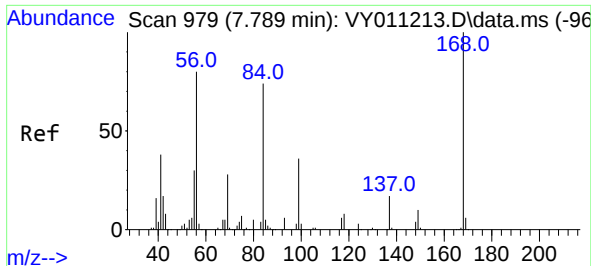
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011417.D
Acq On : 11 Nov 2022 14:39
Operator : KP/MD
Sample : N5530-09
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-09

Quant Time: Nov 11 15:25:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

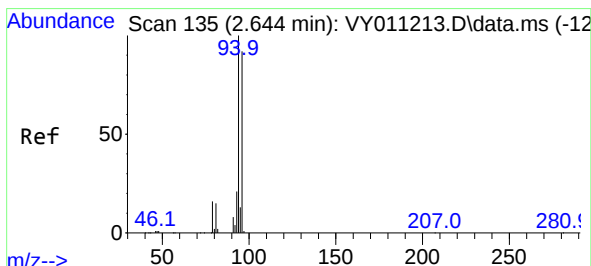
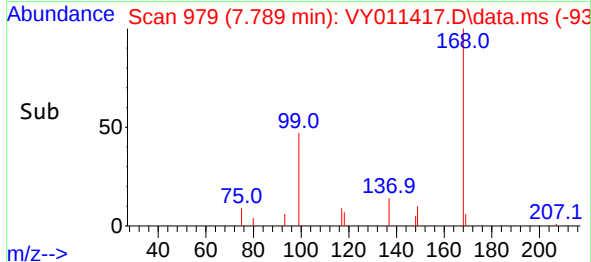
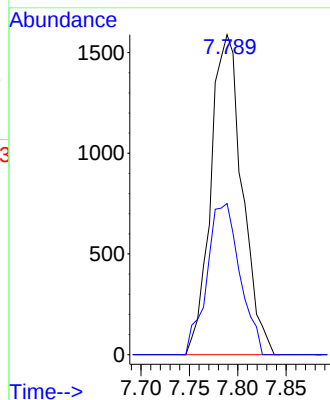
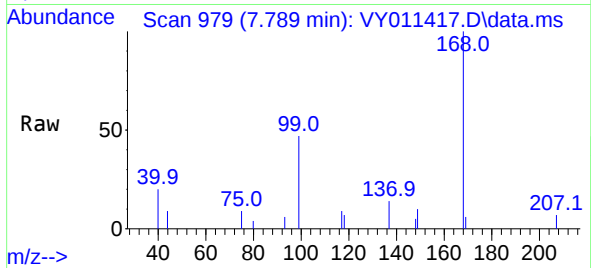




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

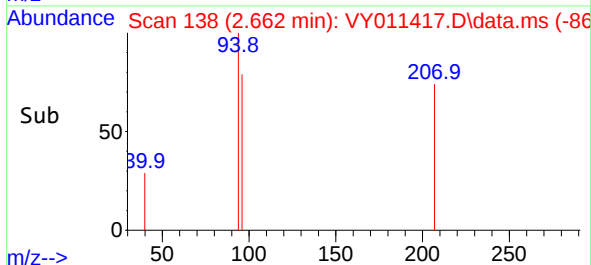
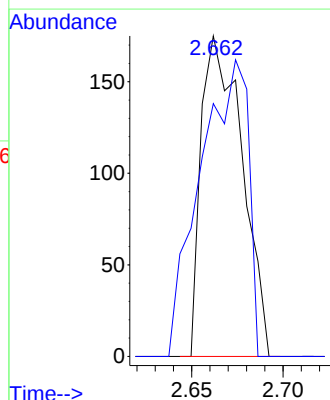
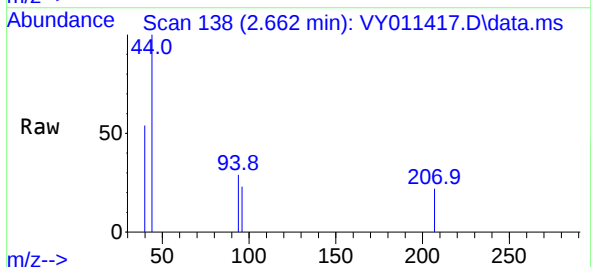
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

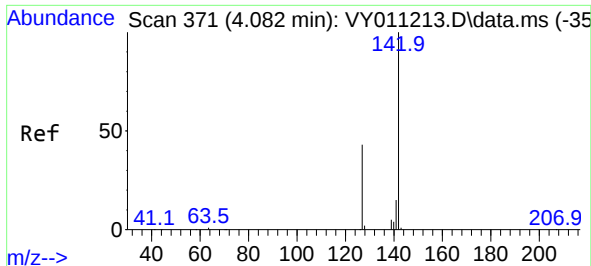
Tgt Ion:168 Resp: 3595
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#5
Bromomethane
Concen: 11.028 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 78.9 73.5 110.3

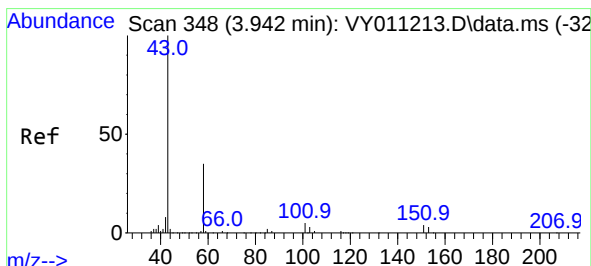
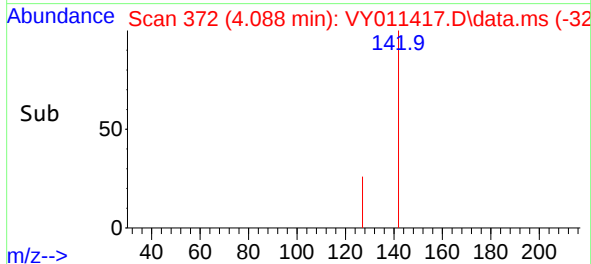
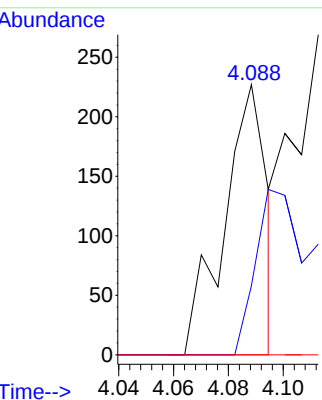
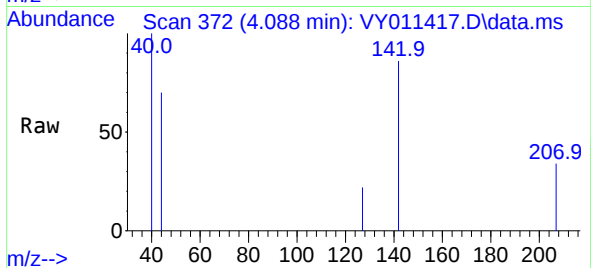




#10
Methyl Iodide
Concen: 5.707 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

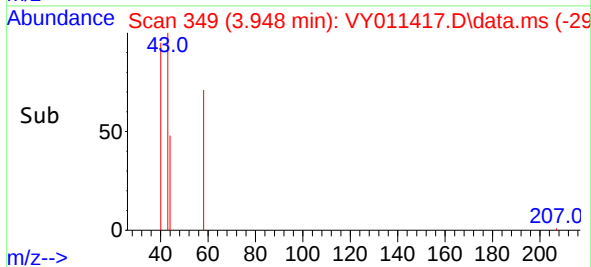
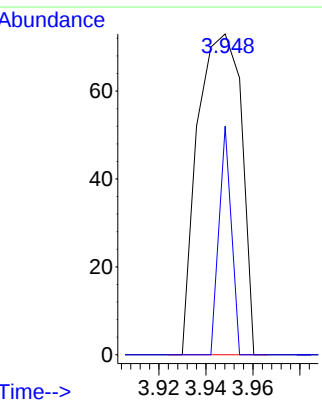
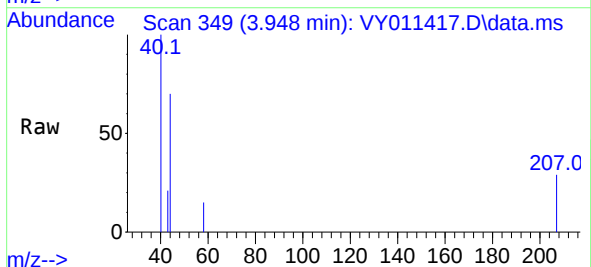
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

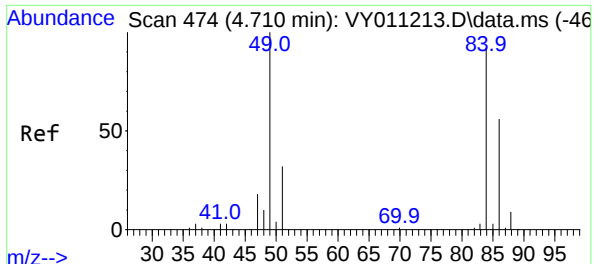
Tgt Ion:142 Resp: 248
Ion Ratio Lower Upper
142 100
127 84.7 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 11.825 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
58 71.2 22.0 33.0#

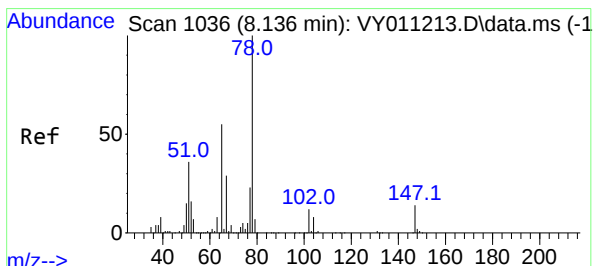
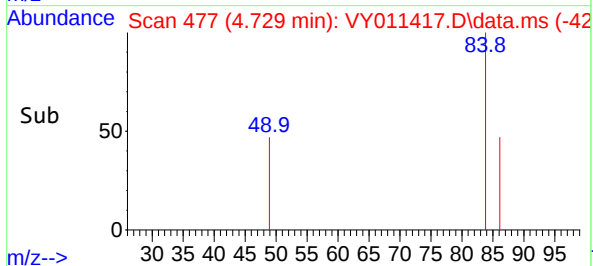
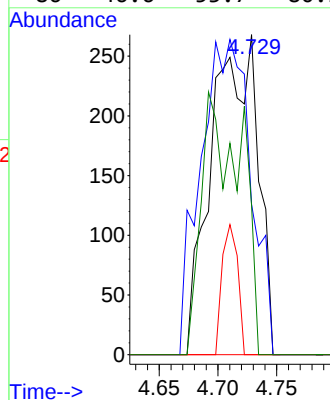
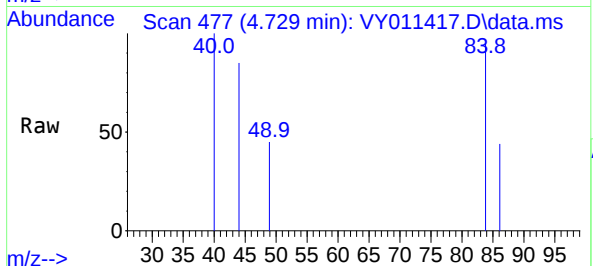




#20
Methylene Chloride
Concen: 11.059 ug/l
RT: 4.729 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

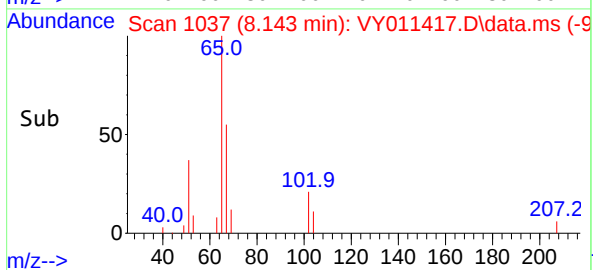
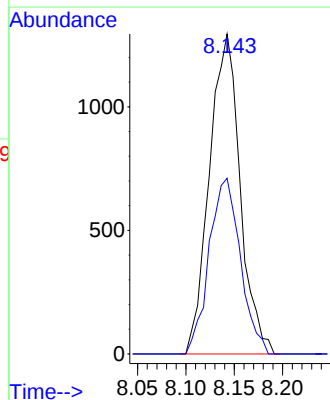
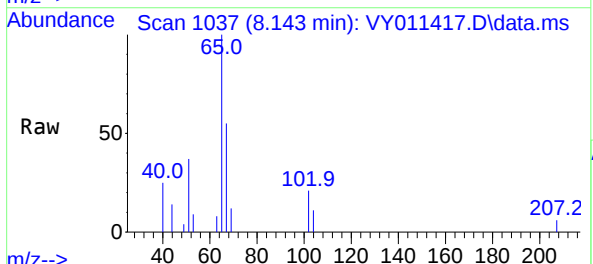
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

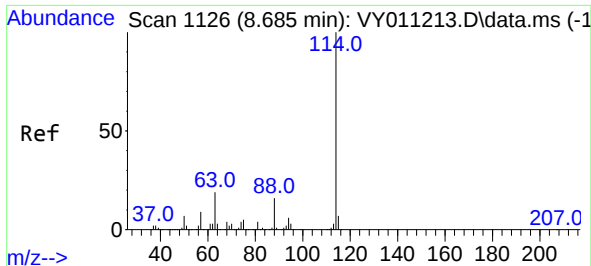
Tgt Ion: 84 Resp: 730
Ion Ratio Lower Upper
84 100
49 47.0 114.4 171.6#
51 0.0 35.3 52.9#
86 46.6 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 94.938 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion: 65 Resp: 2860
Ion Ratio Lower Upper
65 100
67 55.8 0.0 99.4

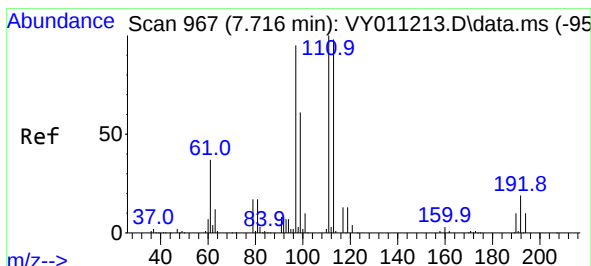
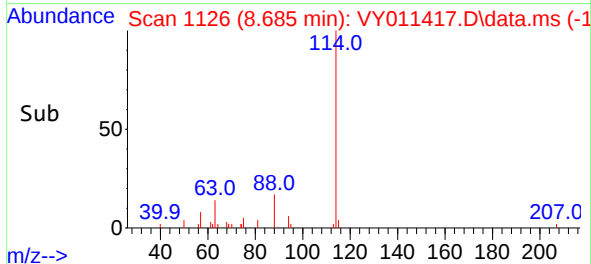
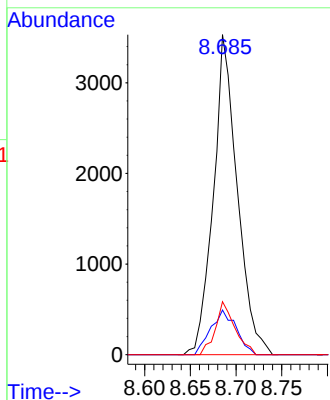
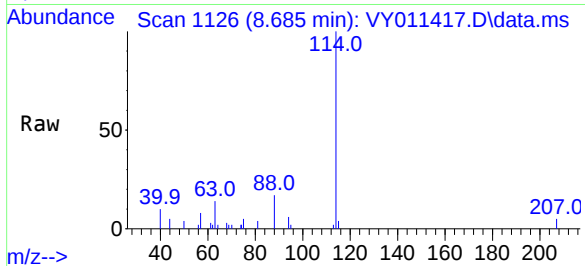




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

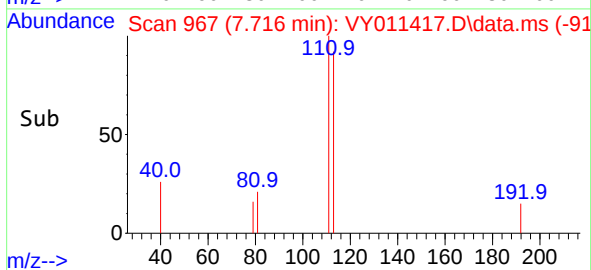
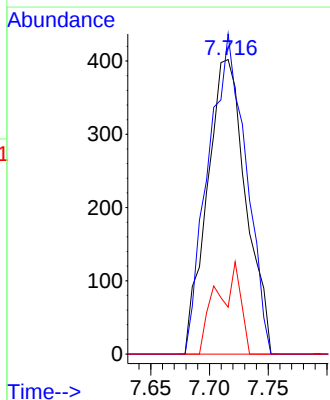
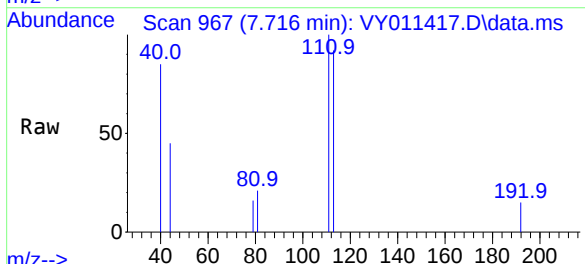
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

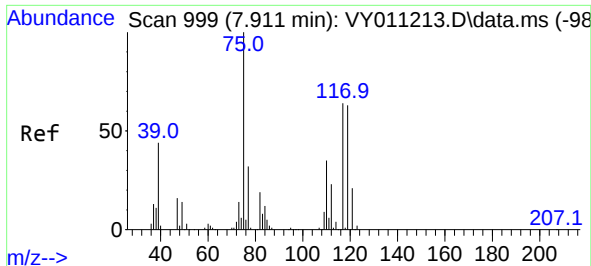
Tgt Ion:	114	Resp:	6420
Ion	Ratio	Lower	Upper
114	100		
63	14.0	0.0	43.2
88	16.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 25.654 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion:	113	Resp:	923
Ion	Ratio	Lower	Upper
113	100		
111	106.5	82.6	124.0
192	19.1	17.6	26.4

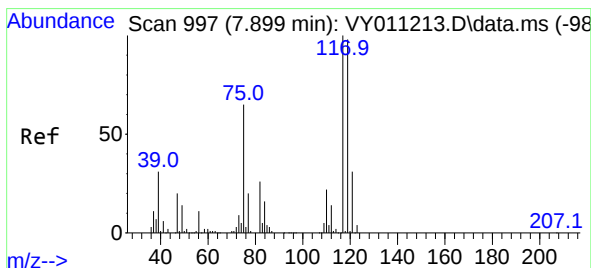
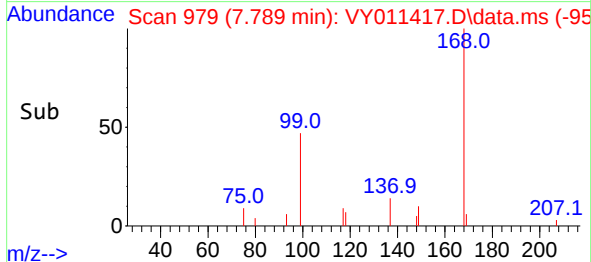
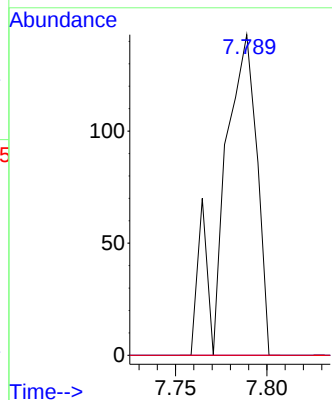
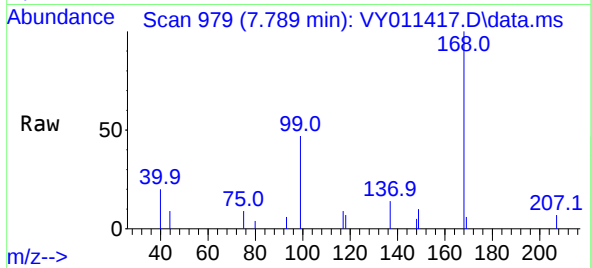




#36
1,1-Dichloropropene
Concen: 3.331 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

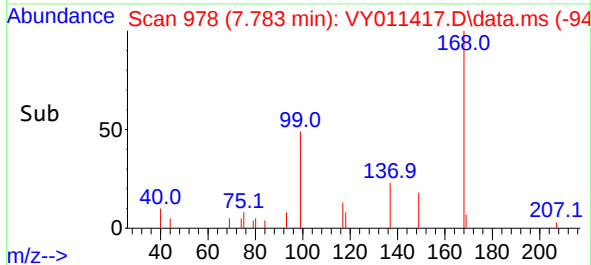
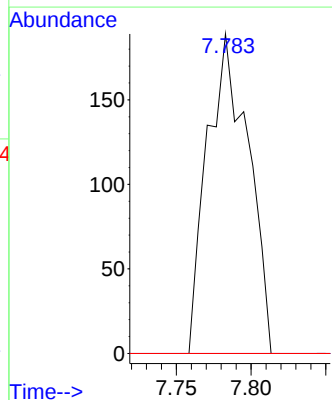
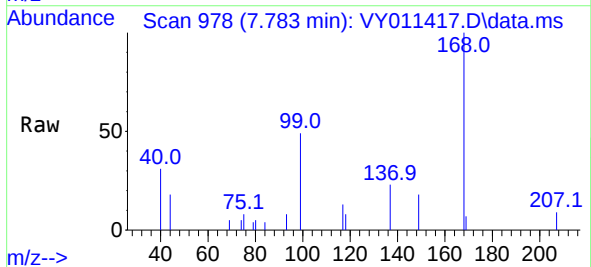
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

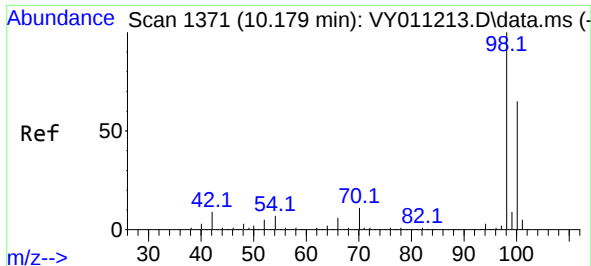
Tgt Ion: 75 Resp: 186
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.927 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion: 117 Resp: 360
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

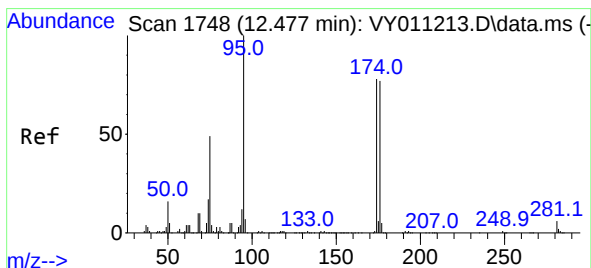
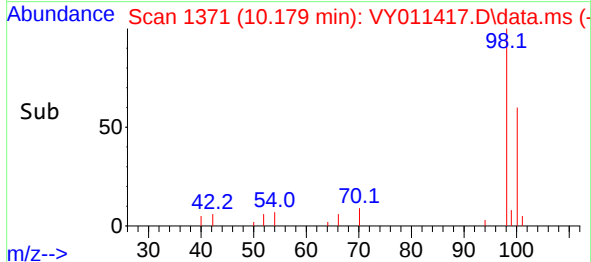
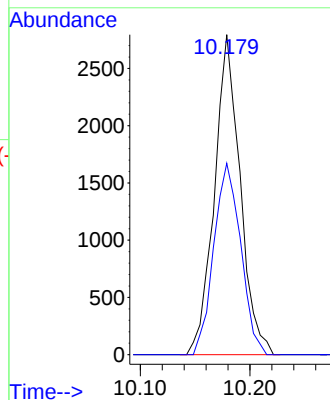
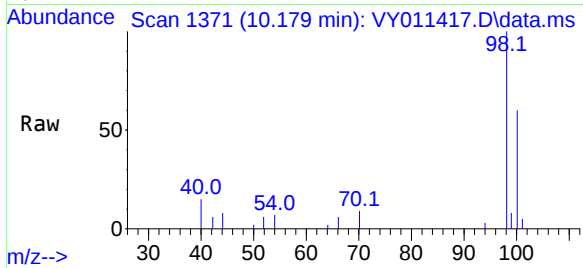




#50
Toluene-d8
Concen: 33.146 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

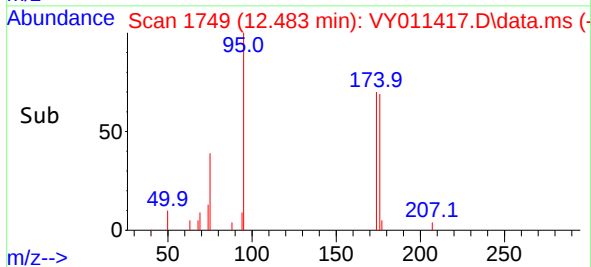
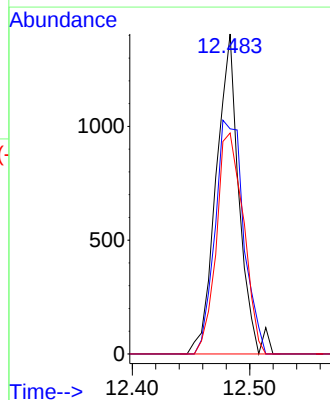
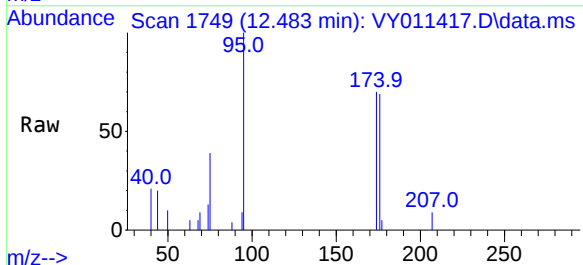
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

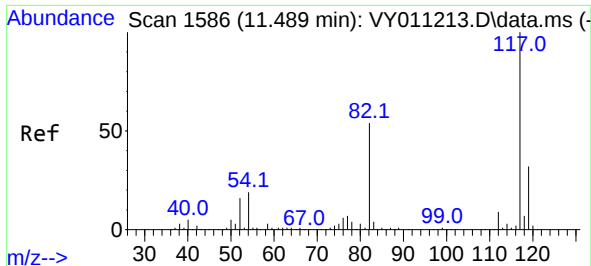
Tgt Ion: 98 Resp: 4556
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.757 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion: 95 Resp: 1906
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 81.5 0.0 175.8

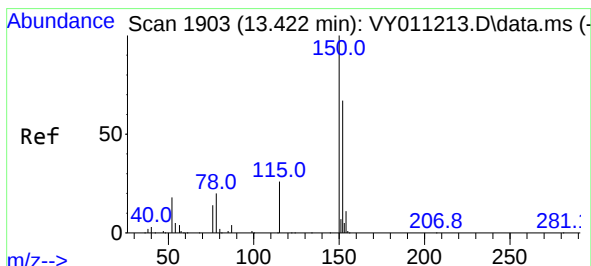
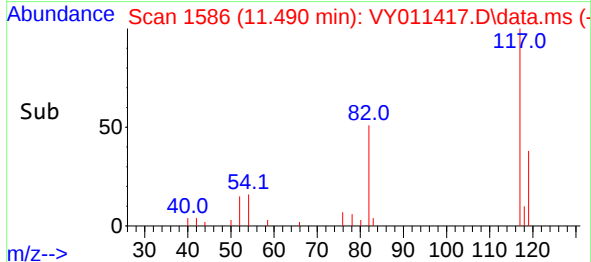
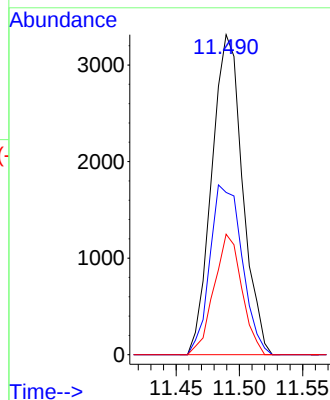
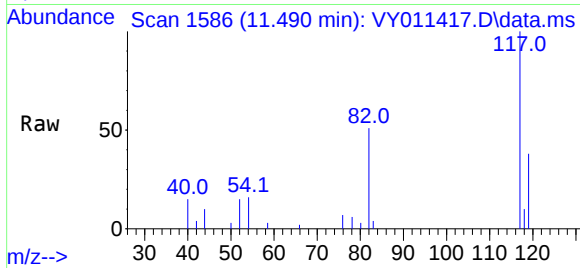




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

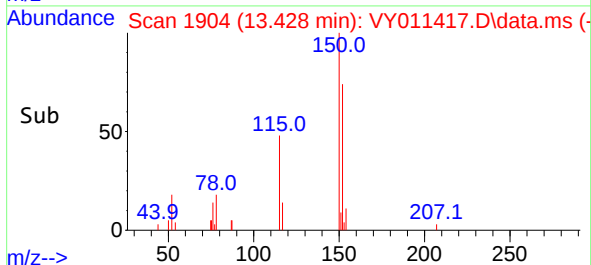
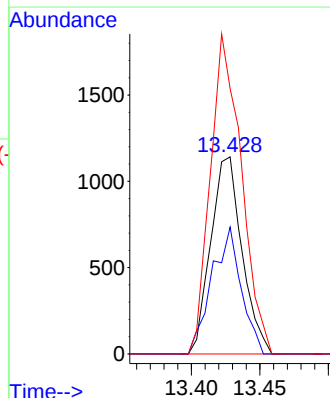
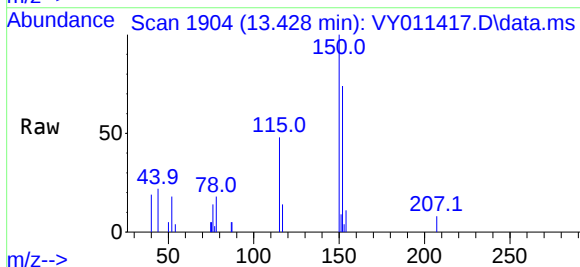
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

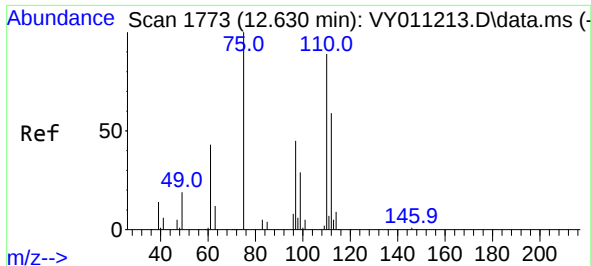
Tgt Ion:117 Resp: 5620
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 37.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion:152 Resp: 1813
Ion Ratio Lower Upper
152 100
115 60.3 28.2 84.7
150 161.4 0.0 347.6

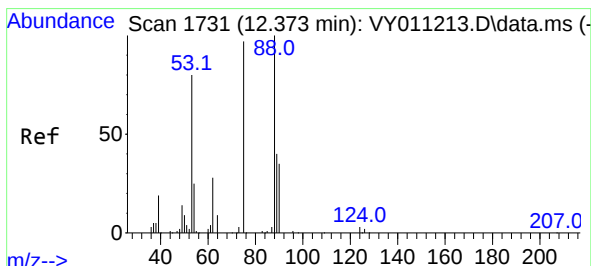
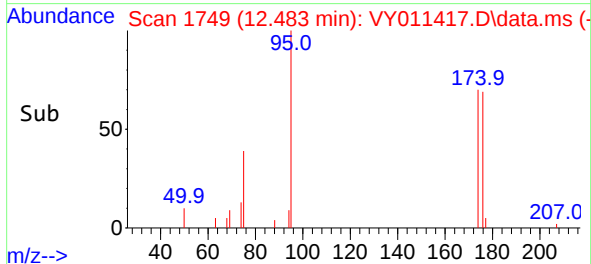
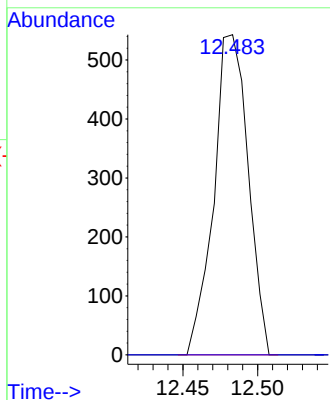
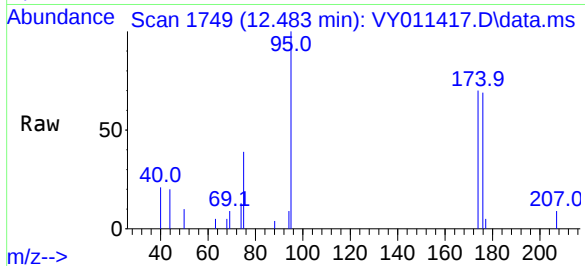




#76
1,2,3-Trichloropropane
Concen: 41.409 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-09

Tgt Ion: 75 Resp: 869
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 99.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion: 75 Resp: 869
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

