

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008052.D
 Acq On : 26 Mar 2022 17:36
 Operator : SY/MD
 Sample : N2095-11
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-4.0-5.0

Quant Time: Mar 28 09:30:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

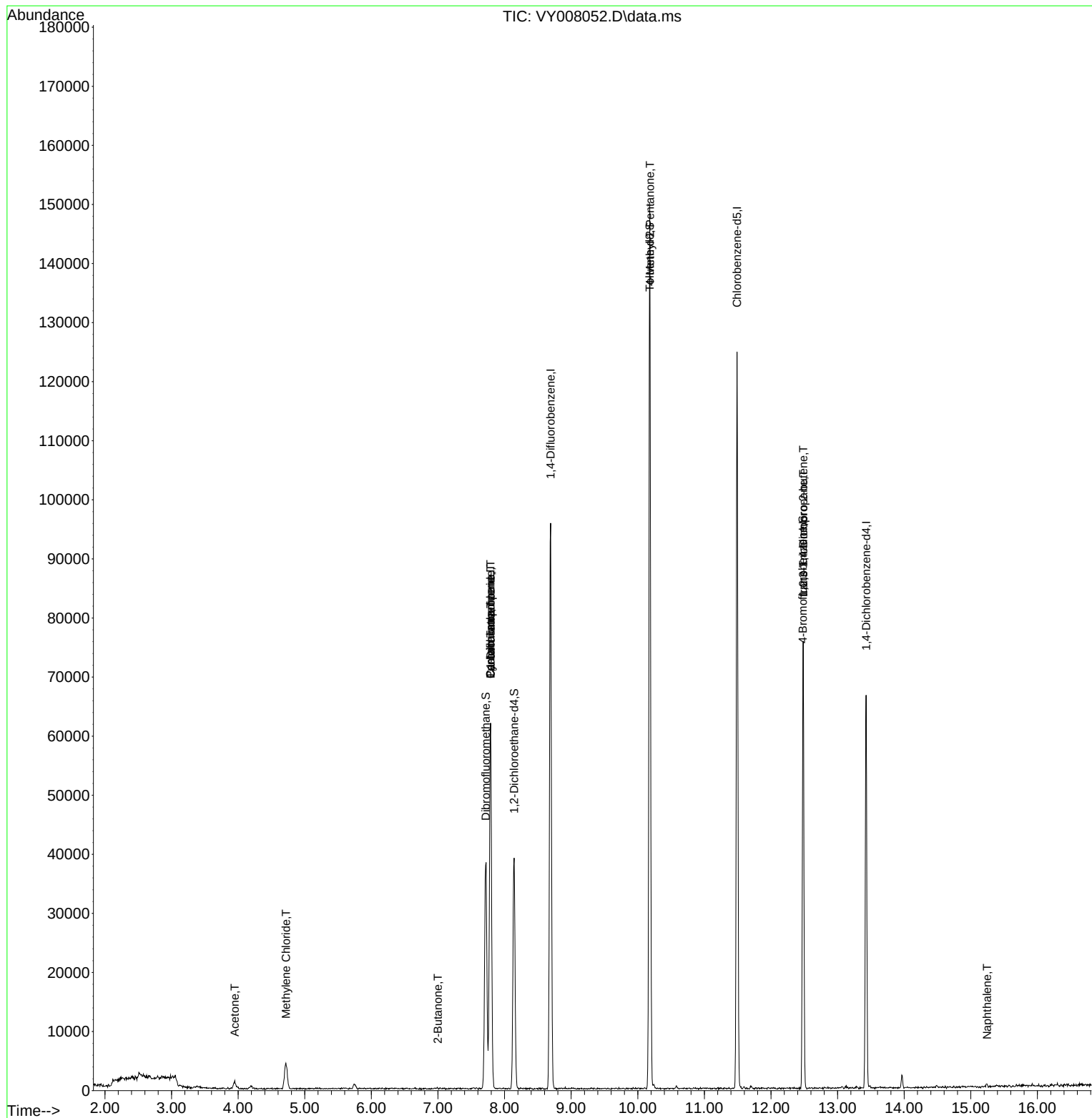
Internal Standards						
1) Pentafluorobenzene	7.789	168	47801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	85184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	68384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	30417	63.423	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.840%			
35) Dibromofluoromethane	7.716	113	28370	53.119	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.240%			
50) Toluene-d8	10.179	98	99196	49.298	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.600%			
62) 4-Bromofluorobenzene	12.477	95	24190	34.076	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 68.160%			
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	2205	20.115	ug/l #	58
20) Methylene Chloride	4.716	84	3494	1.724	ug/l #	81
25) 2-Butanone	6.996	43	266	1.595	ug/l #	54
31) Cyclohexane	7.789	56	954	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	3718	4.432	ug/l #	46
38) Carbon Tetrachloride	7.789	117	4870	5.327	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	390	1.005	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	12582	60.494	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12582	134.972	ug/l #	7
95) Naphthalene	15.245	128	855	1.145	ug/l #	72

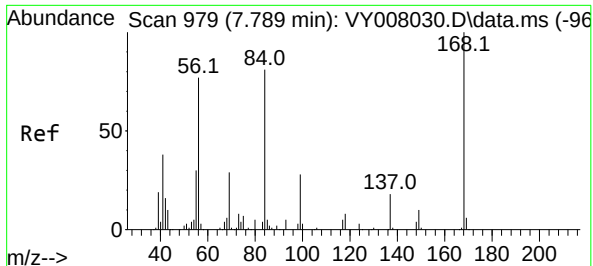
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
Data File : VY008052.D
Acq On : 26 Mar 2022 17:36
Operator : SY/MD
Sample : N2095-11
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-4.0-5.0

Quant Time: Mar 28 09:30:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

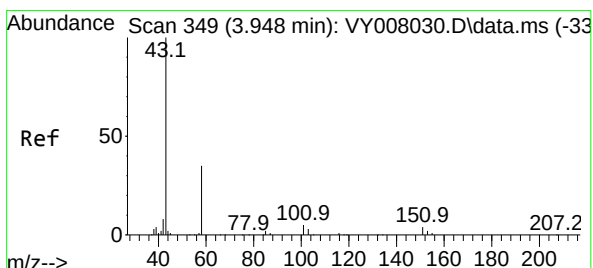
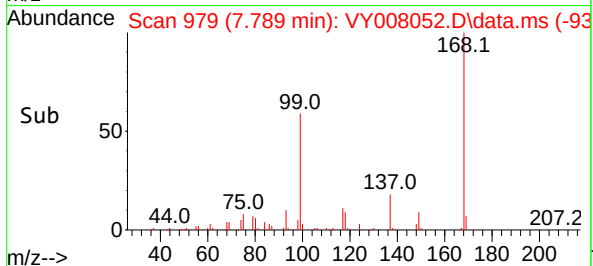
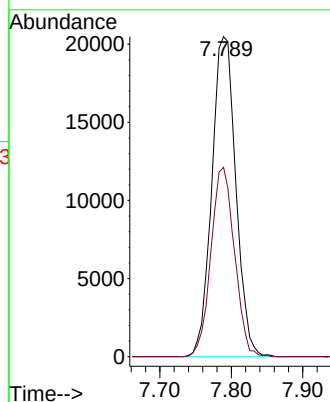
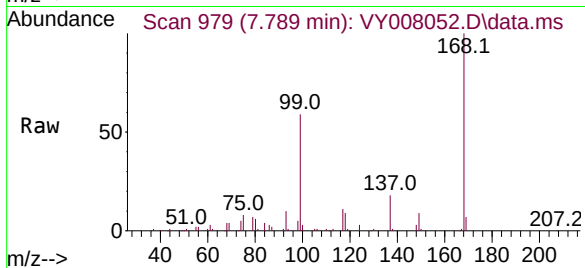




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

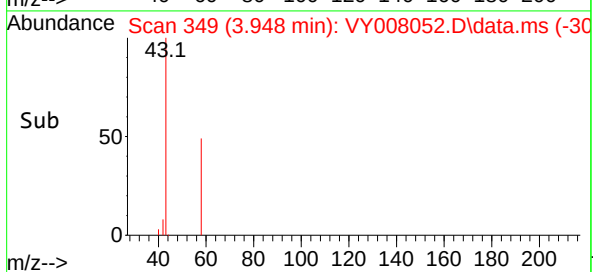
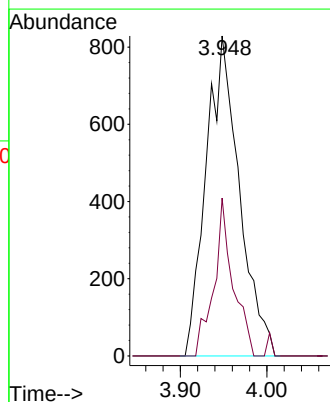
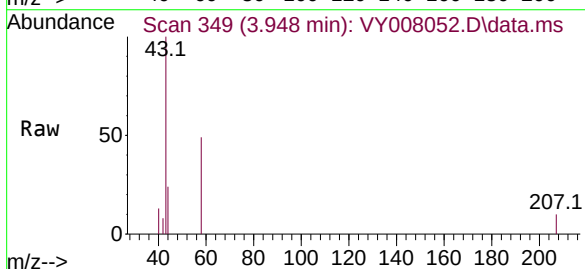
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-4.0-5.0

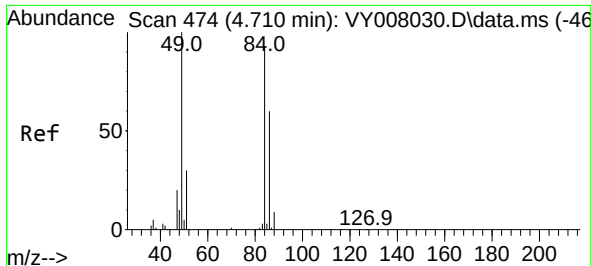
Tgt Ion:168 Resp: 47801
Ion Ratio Lower Upper
168 100
99 59.2 46.9 70.3



#16
Acetone
Concen: 20.115 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 49.3 22.0 33.0#

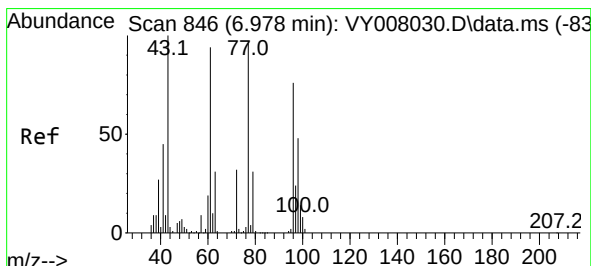
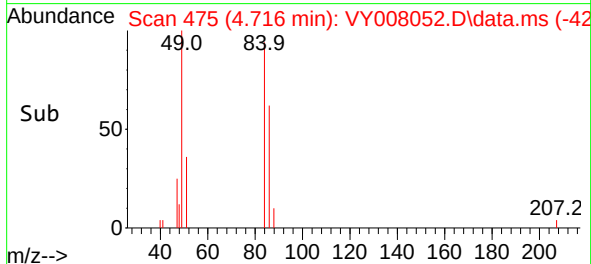
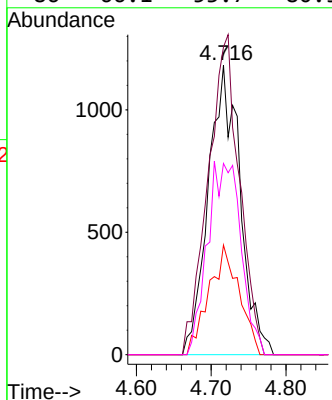
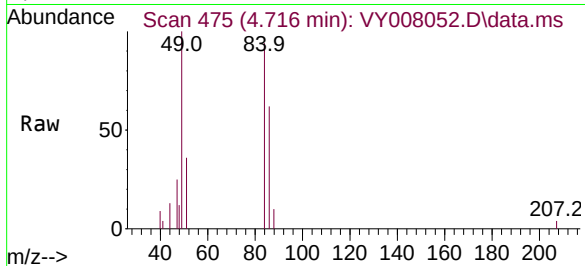




#20
Methylene Chloride
Concen: 1.724 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

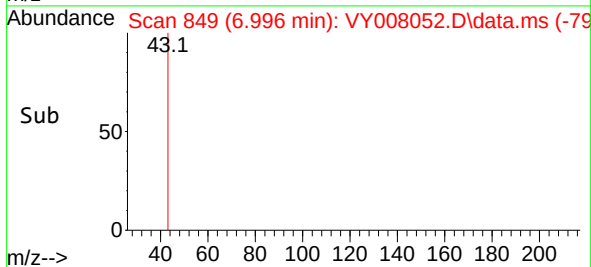
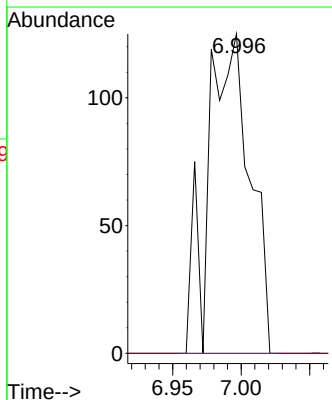
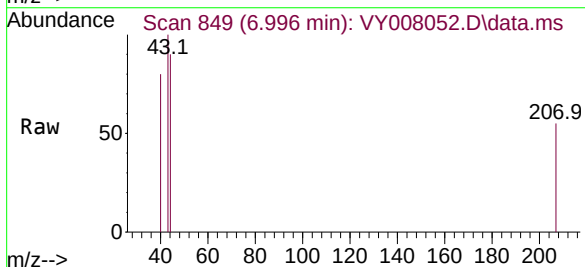
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-4.0-5.0

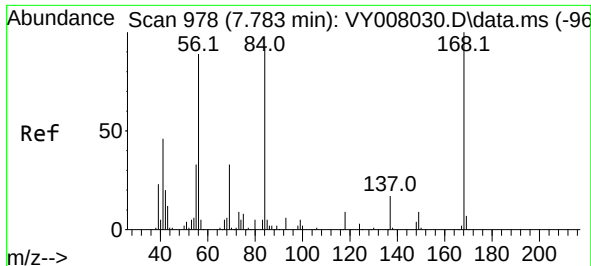
Tgt Ion:	84	Resp:	3494
Ion	Ratio	Lower	Upper
84	100		
49	106.3	114.4	171.6#
51	37.9	35.3	52.9
86	66.1	53.7	80.5



#25
2-Butanone
Concen: 1.595 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

Tgt Ion:	43	Resp:	266
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

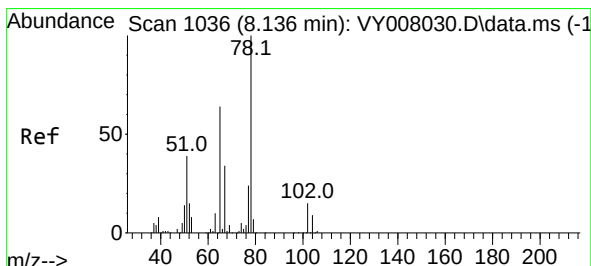
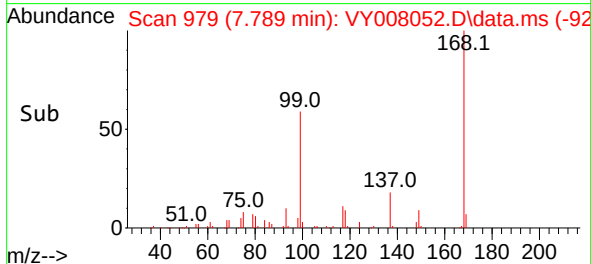
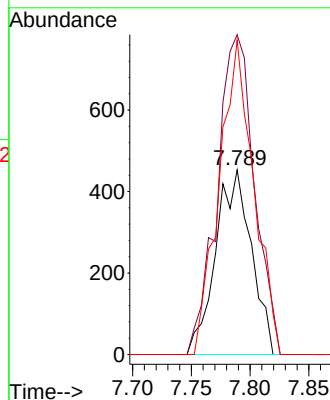
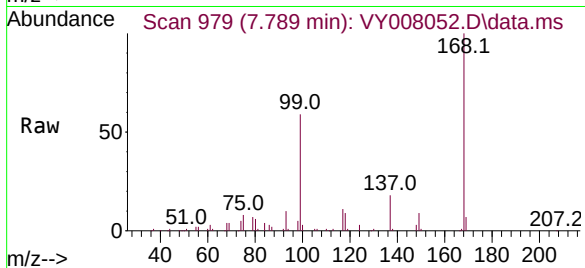




#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

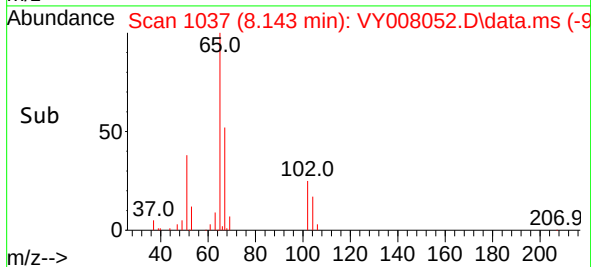
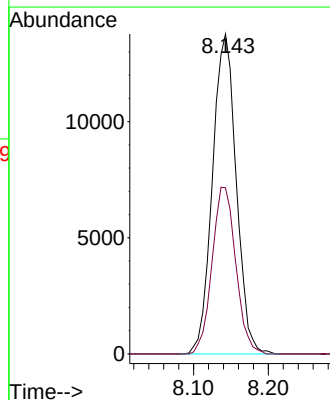
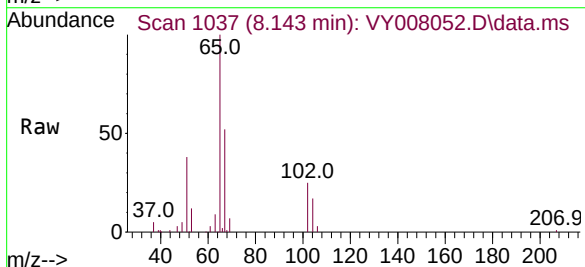
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-4.0-5.0

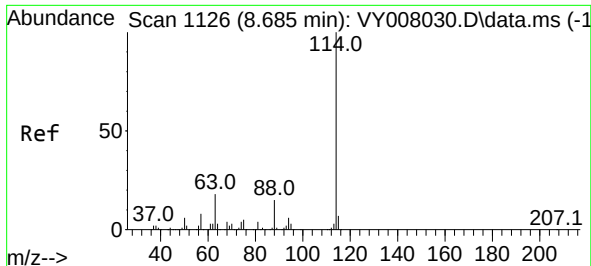
Tgt Ion: 56 Resp: 954
Ion Ratio Lower Upper
56 100
69 173.3 26.7 40.1#
84 170.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.423 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

Tgt Ion: 65 Resp: 30417
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4

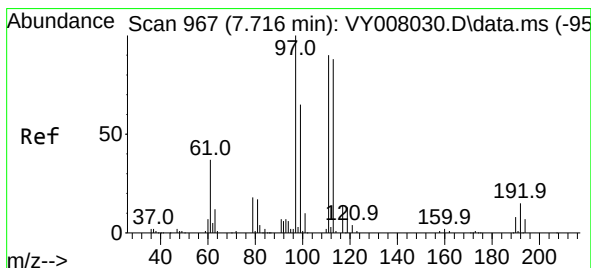
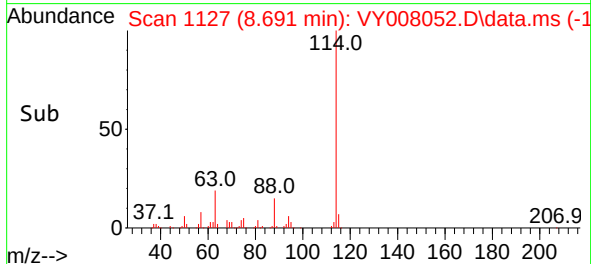
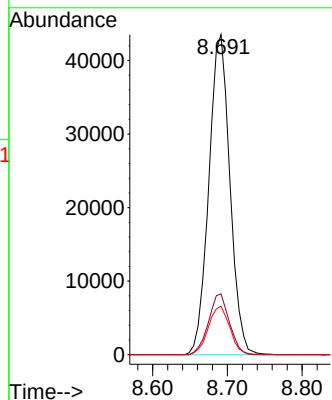
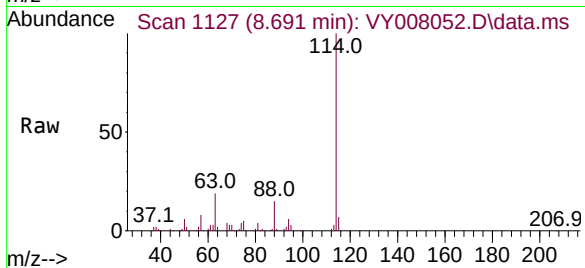




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

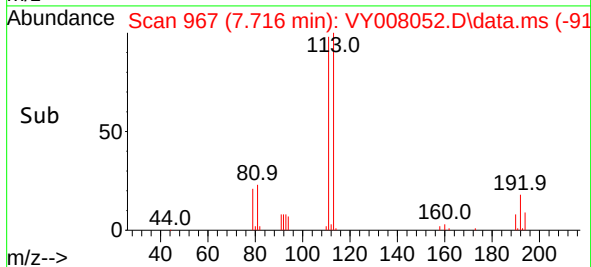
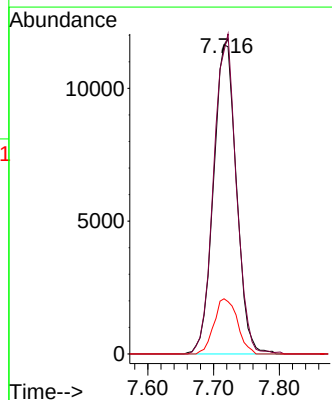
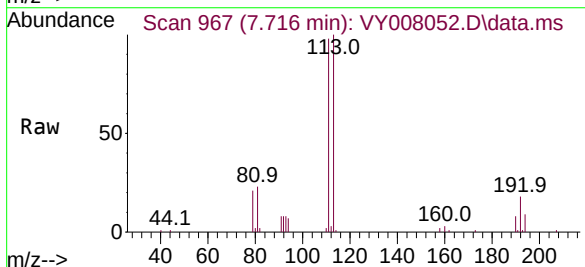
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-4.0-5.0

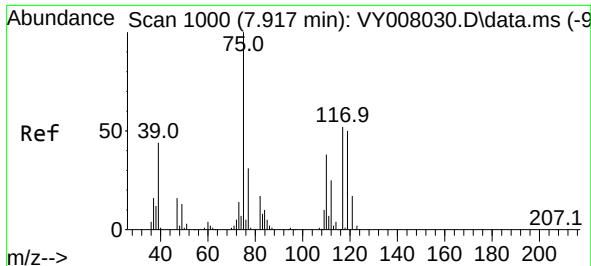
Tgt Ion:	114	Resp:	85184
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.119 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

Tgt Ion:	113	Resp:	28370
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	18.1	17.6	26.4

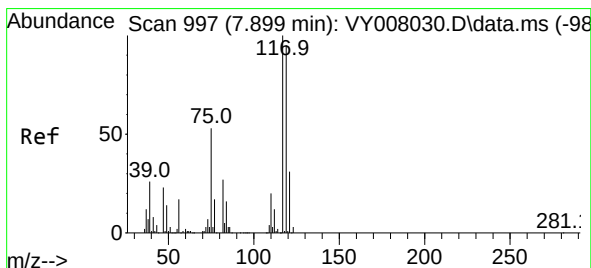
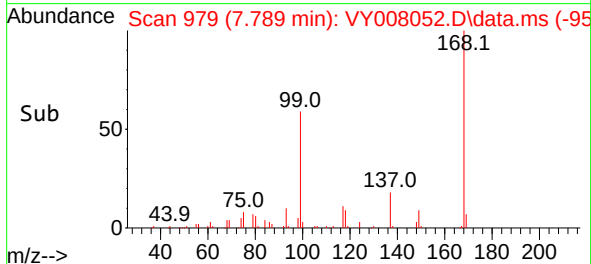
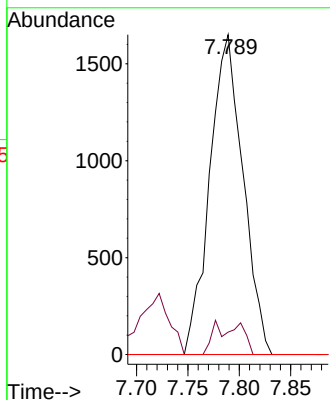
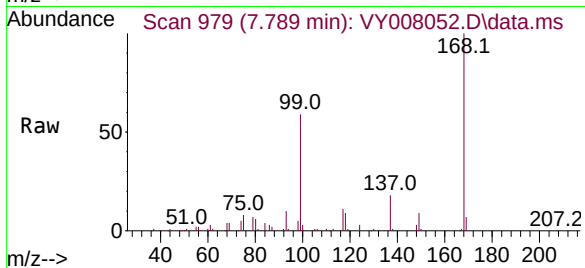




#36
1,1-Dichloropropene
Concen: 4.432 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

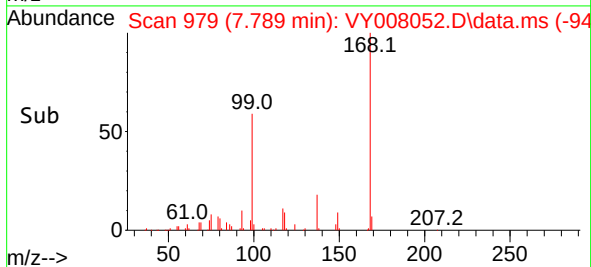
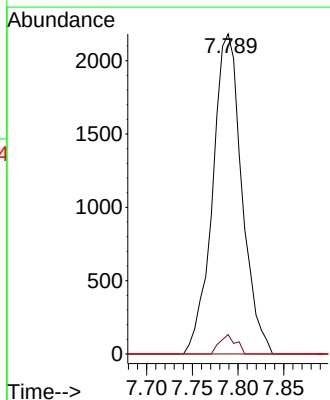
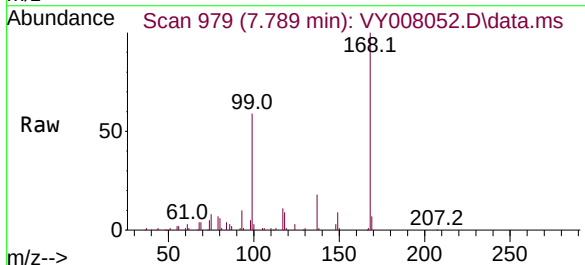
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-4.0-5.0

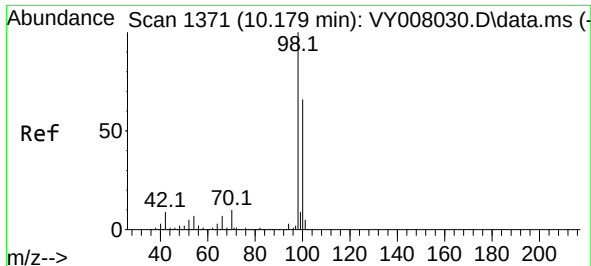
Tgt Ion: 75 Resp: 3718
Ion Ratio Lower Upper
75 100
110 3.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

Tgt Ion: 117 Resp: 4870
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#

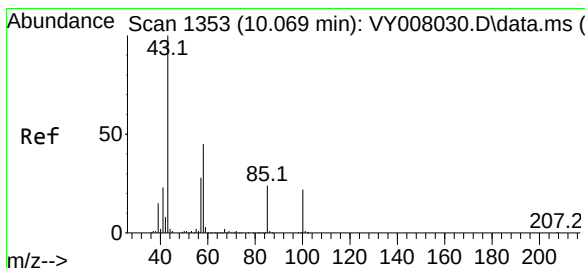
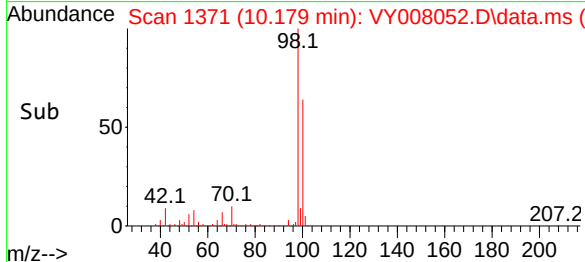
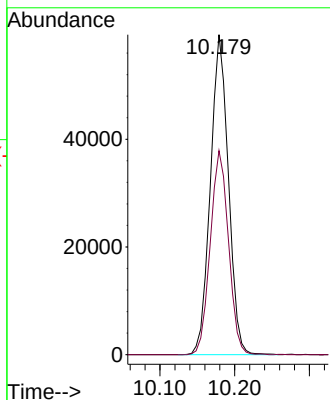
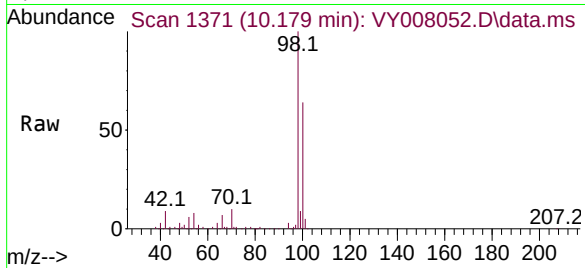




#50
Toluene-d8
Concen: 49.298 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

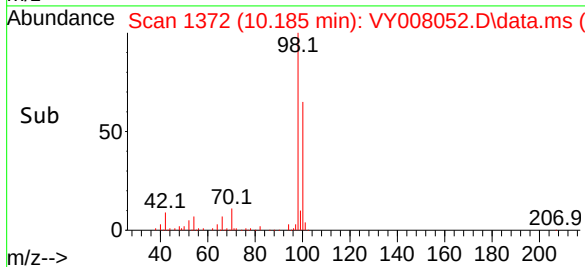
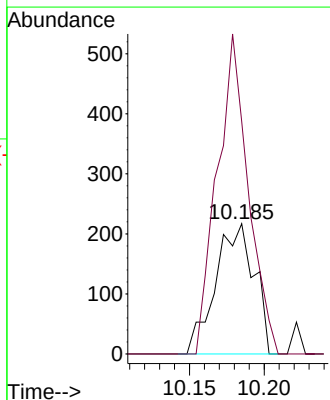
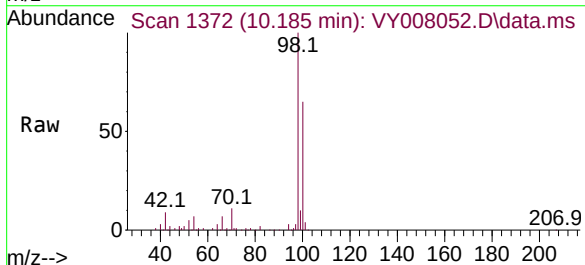
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-4.0-5.0

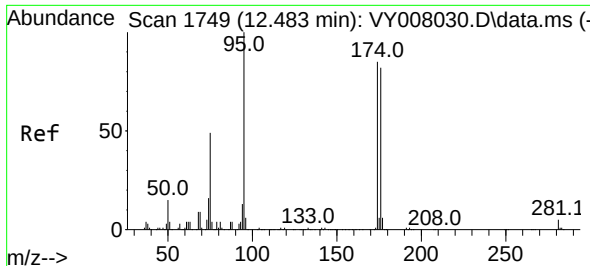
Tgt Ion: 98 Resp: 99196
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.005 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.116 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 197.9 28.1 42.1#

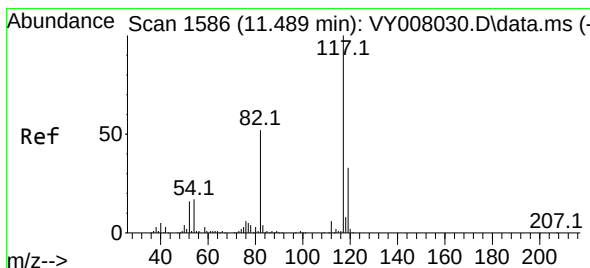
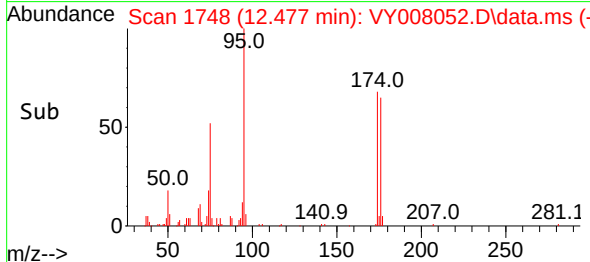
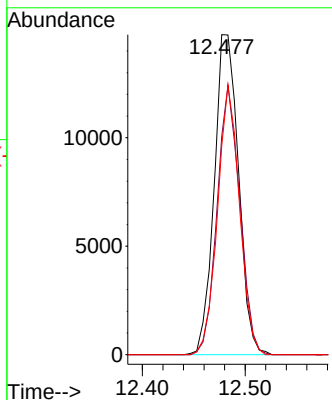
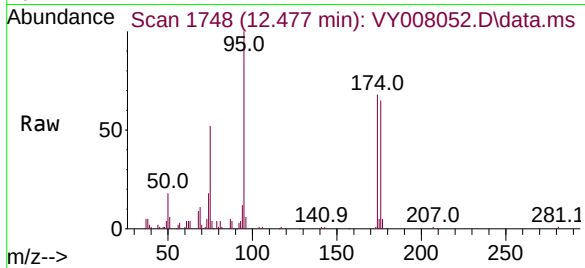




#62
4-Bromofluorobenzene
Concen: 34.076 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

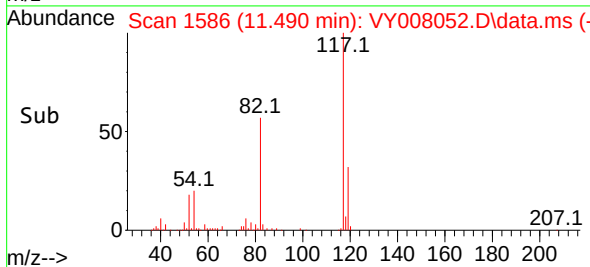
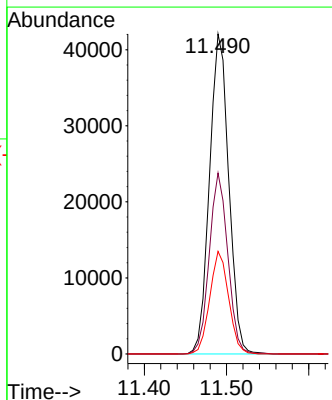
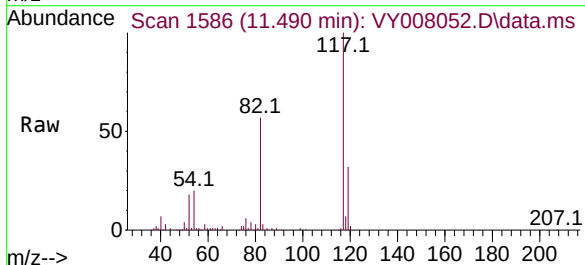
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-4.0-5.0

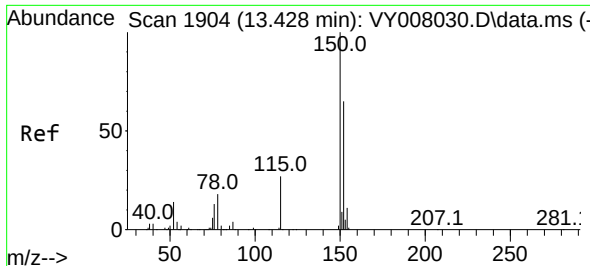
Tgt Ion: 95 Resp: 24190
Ion Ratio Lower Upper
95 100
174 78.7 0.0 177.0
176 76.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

Tgt Ion: 117 Resp: 68384
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 32.1 25.4 38.0

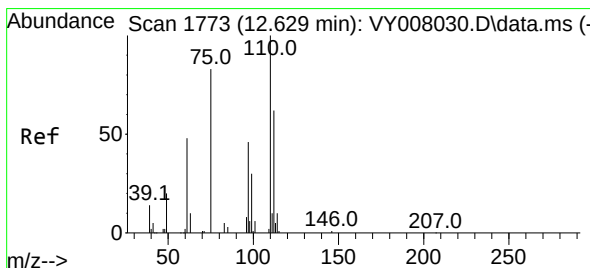
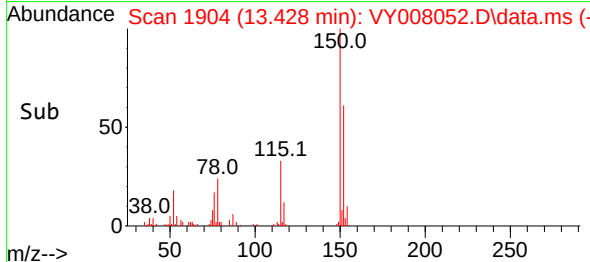
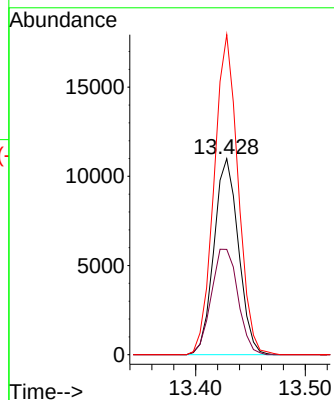
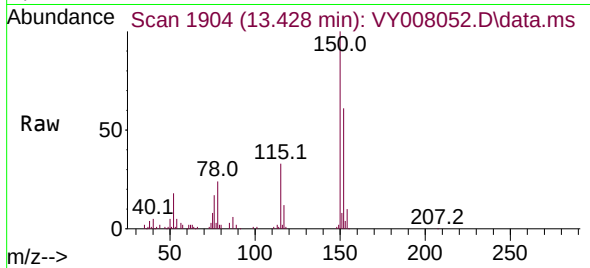




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY008052.D
 Acq: 26 Mar 2022 17:36

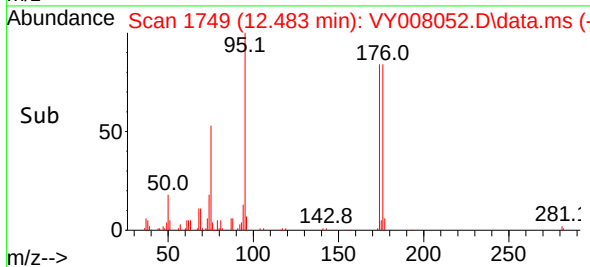
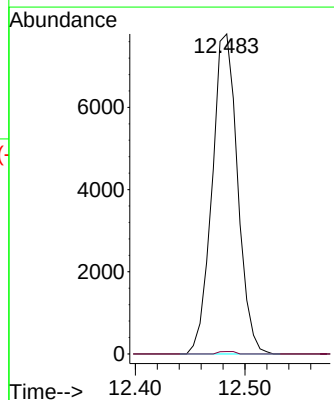
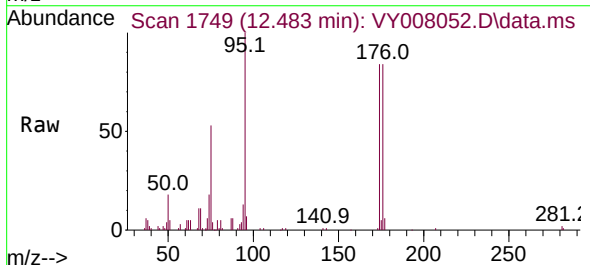
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-4.0-5.0

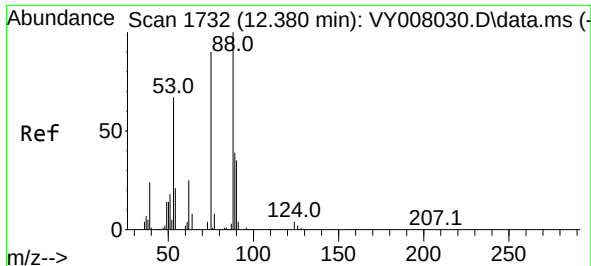
Tgt Ion:152 Resp: 17062
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.2 84.7
 150 159.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 60.494 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008052.D
 Acq: 26 Mar 2022 17:36

Tgt Ion: 75 Resp: 12582
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

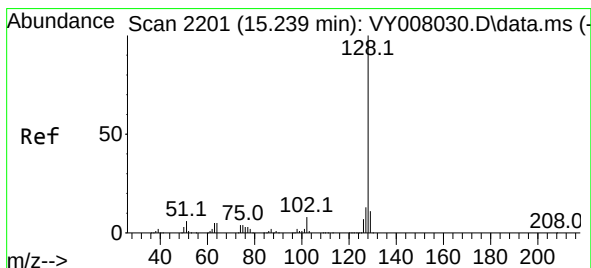
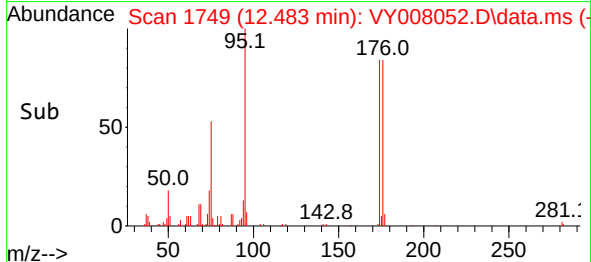
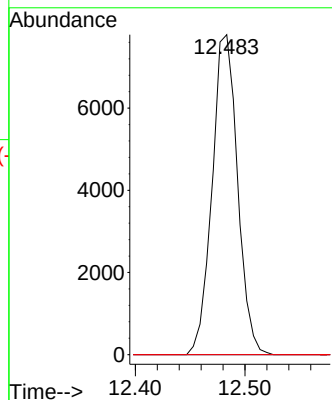
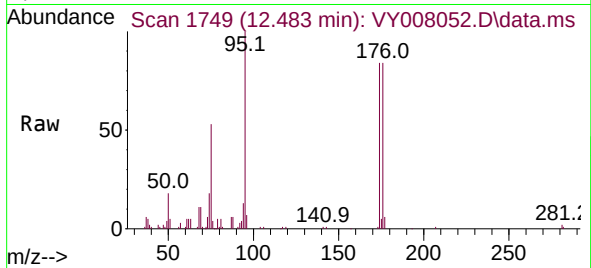




#81
trans-1,4-Dichloro-2-butene
Concen: 134.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-4.0-5.0

Tgt Ion: 75 Resp: 12582
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 1.145 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY008052.D
Acq: 26 Mar 2022 17:36

Tgt Ion: 128 Resp: 855
Ion Ratio Lower Upper
128 100
127 2.2 11.0 16.4#
129 0.0 8.4 12.6#

