

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011420.D
 Acq On : 11 Nov 2022 15:47
 Operator : KP/MD
 Sample : N5561-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06

Quant Time: Nov 11 16:02:45 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)

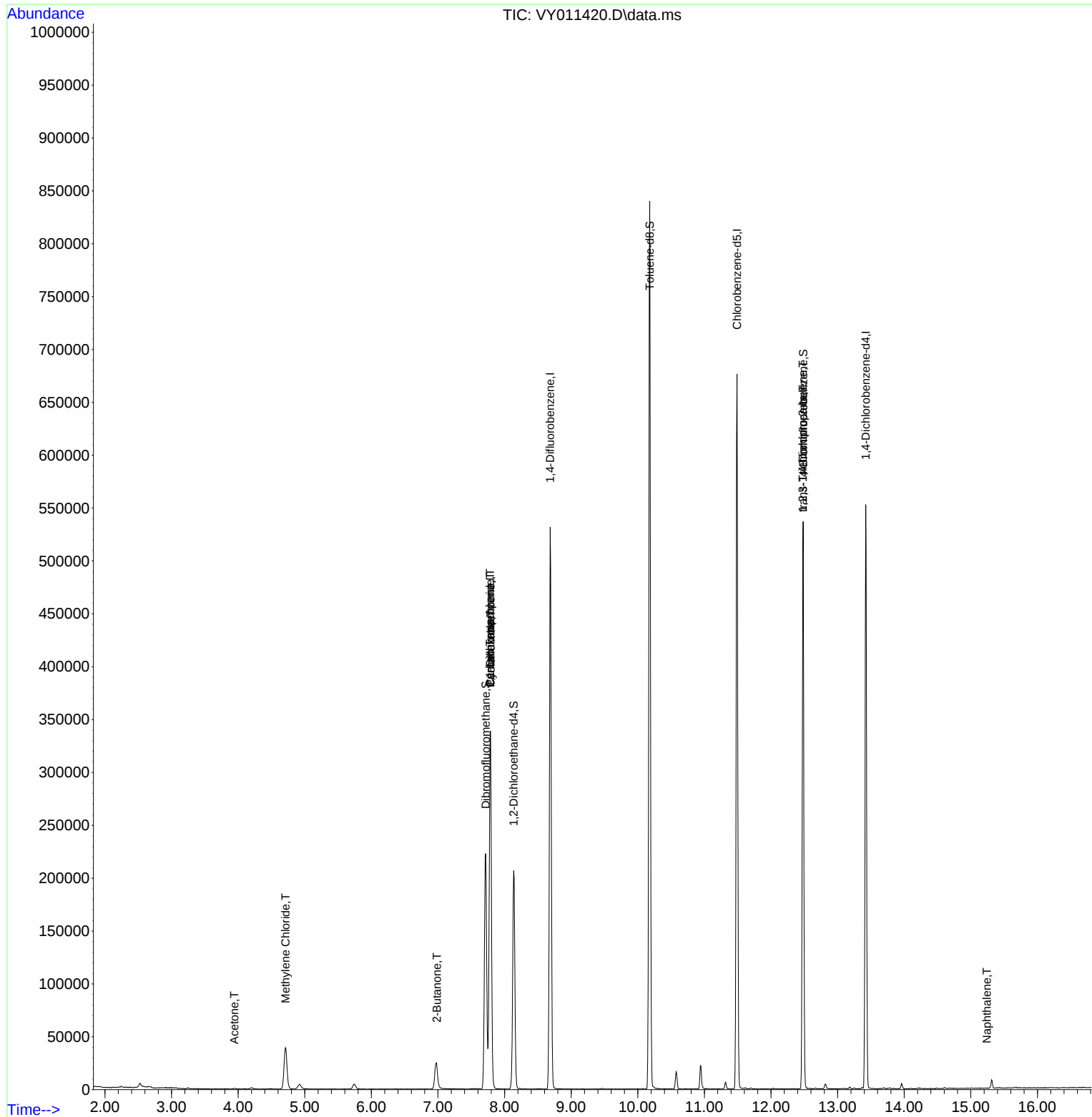
Internal Standards						
1) Pentafluorobenzene	7.789	168	279420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	466839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	391229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160016	68.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.680%	
35) Dibromofluoromethane	7.716	113	161160	61.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.200%	
50) Toluene-d8	10.179	98	567504	56.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.560%	
62) 4-Bromofluorobenzene	12.483	95	164468	47.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	189	Below Cal	#	43
11) Tert butyl alcohol	4.911	59	4397	Below Cal	#	77
16) Acetone	3.942	43	863	1.397	ug/l	95
18) Methyl Acetate	4.478	43	582	Below Cal	#	74
20) Methylene Chloride	4.710	84	32932	2.721	ug/l	# 76
25) 2-Butanone	6.984	43	1195	1.358	ug/l	# 54
31) Cyclohexane	7.789	56	4798	1.140	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	19140	4.714	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	26961	6.104	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	78489	44.371	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	78489	106.655	ug/l	# 7
95) Naphthalene	15.239	128	278	3.320	ug/l	# 69

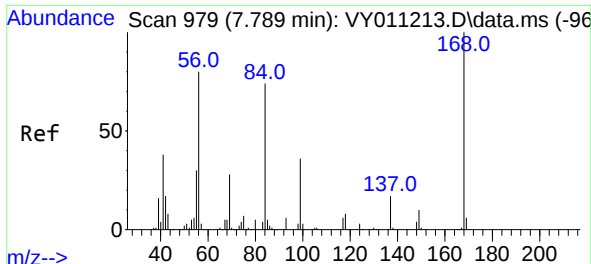
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011420.D
Acq On : 11 Nov 2022 15:47
Operator : KP/MD
Sample : N5561-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-06

Quant Time: Nov 11 16:02:45 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

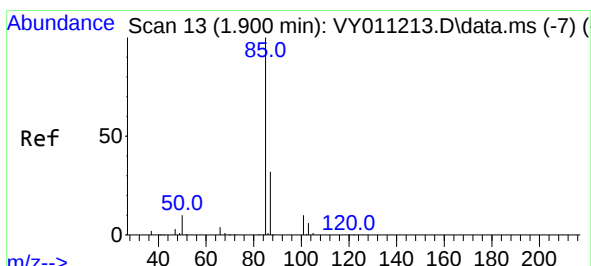
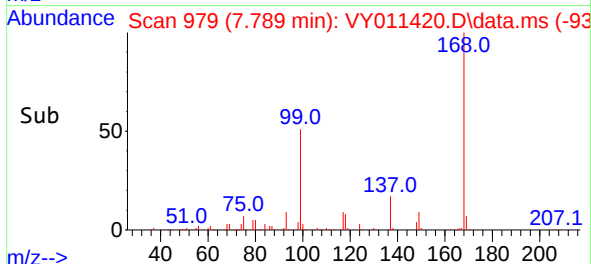
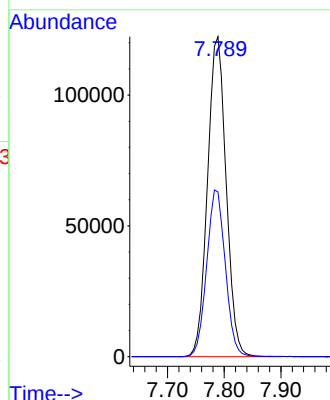
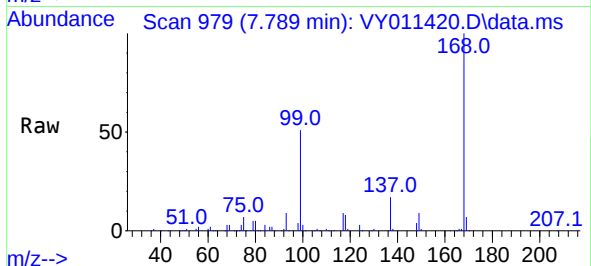




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

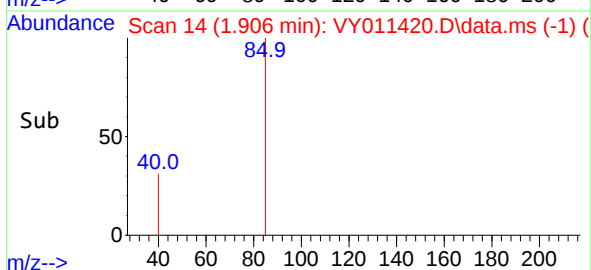
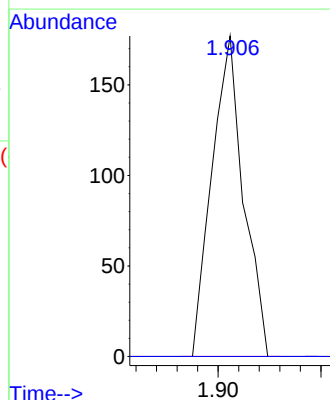
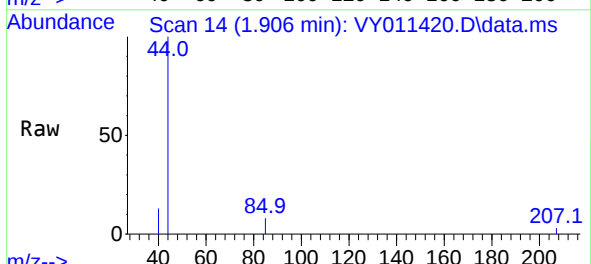
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

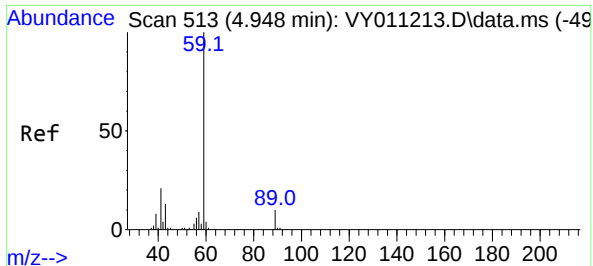
Tgt Ion:168 Resp: 279420
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

Tgt Ion: 85 Resp: 189
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.911 min Scan# 50

Delta R.T. -0.043 min

Lab File: VY011420.D

Acq: 11 Nov 2022 15:47

Instrument :

MSVOA_Y

ClientSampleId :

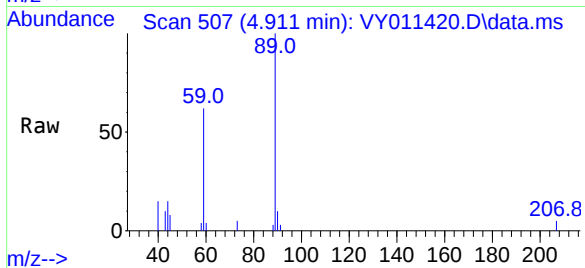
SB-06

Tgt Ion: 59 Resp: 4397

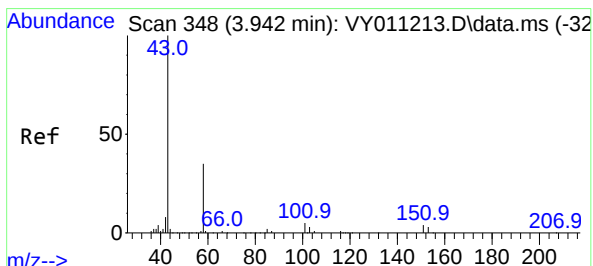
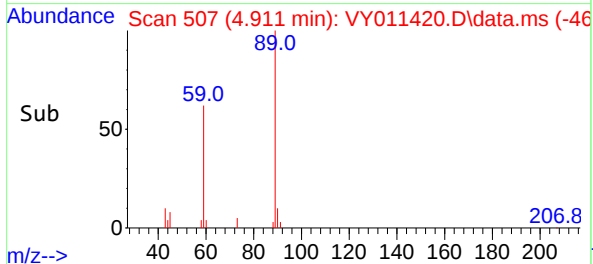
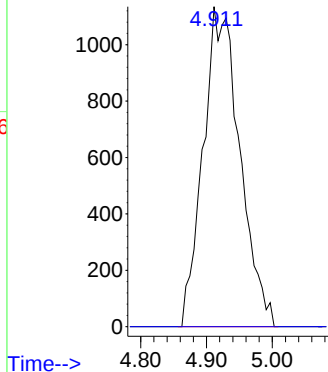
Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



Abundance



#16

Acetone

Concen: 1.397 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY011420.D

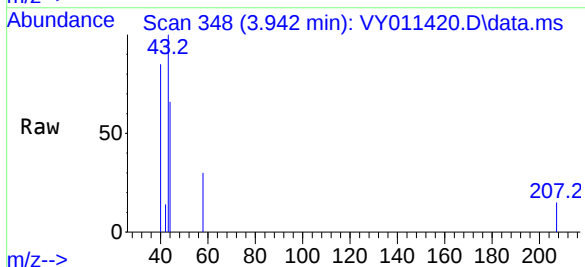
Acq: 11 Nov 2022 15:47

Tgt Ion: 43 Resp: 863

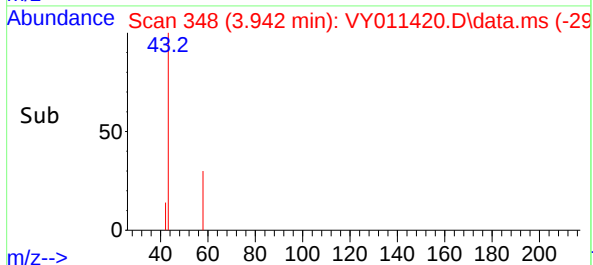
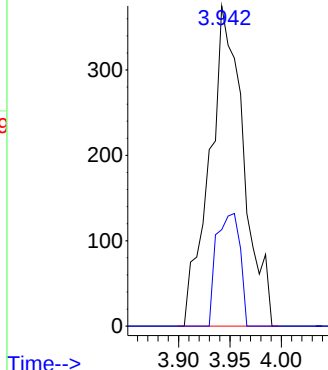
Ion Ratio Lower Upper

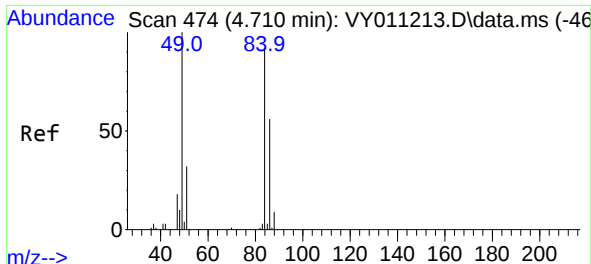
43 100

58 30.1 22.0 33.0



Abundance

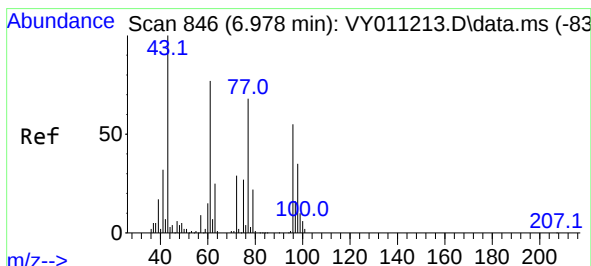
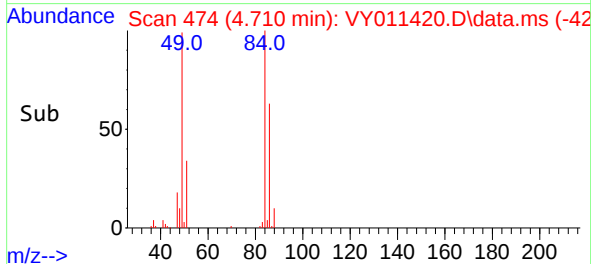
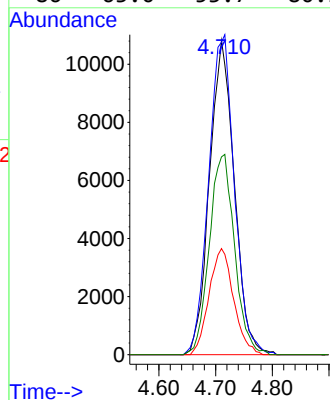
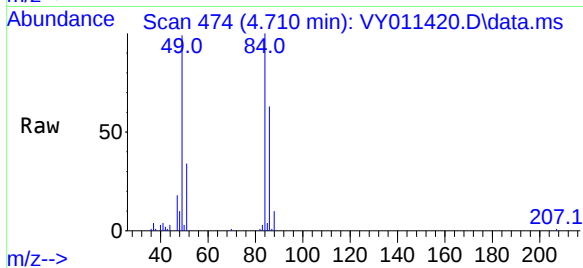




#20
Methylene Chloride
Concen: 2.721 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

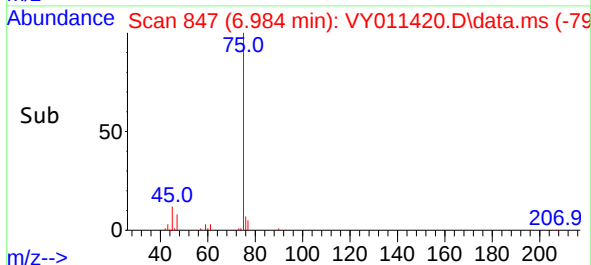
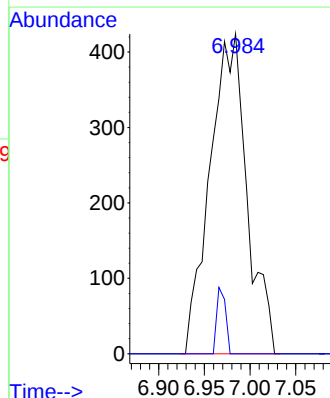
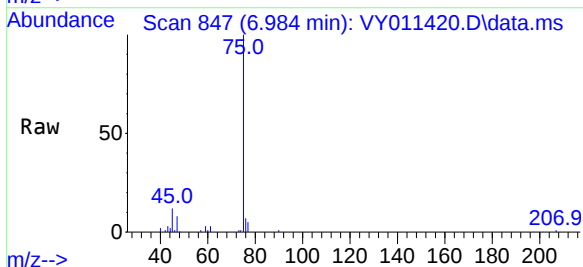
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

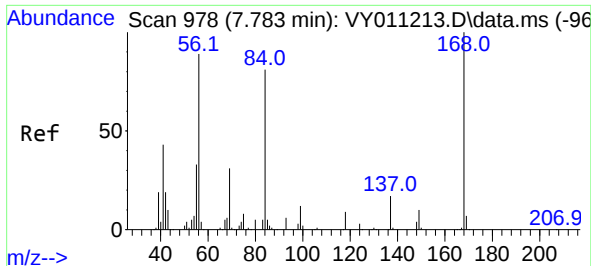
Tgt Ion:	84	Resp:	32932
Ion	Ratio	Lower	Upper
84	100		
49	99.5	114.4	171.6#
51	33.8	35.3	52.9#
86	63.0	53.7	80.5



#25
2-Butanone
Concen: 1.358 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

Tgt Ion:	43	Resp:	1195
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

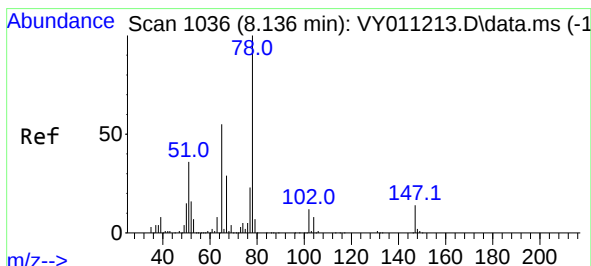
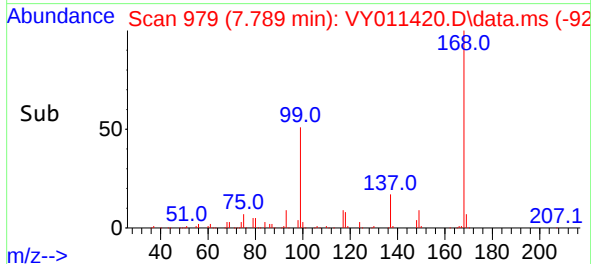
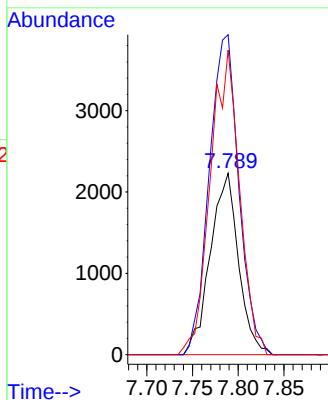
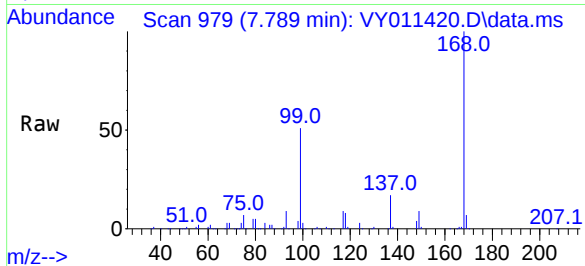




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

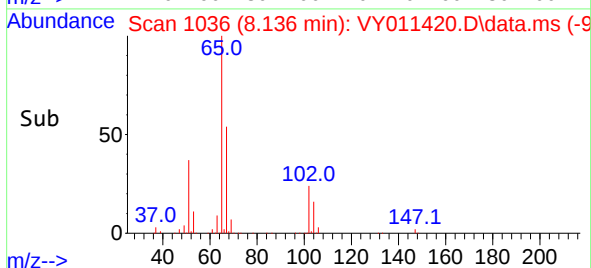
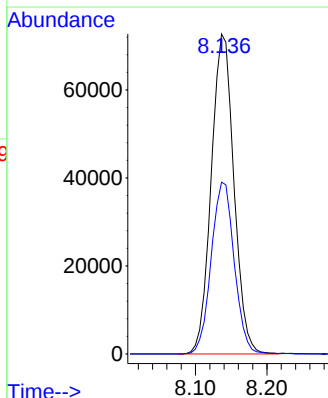
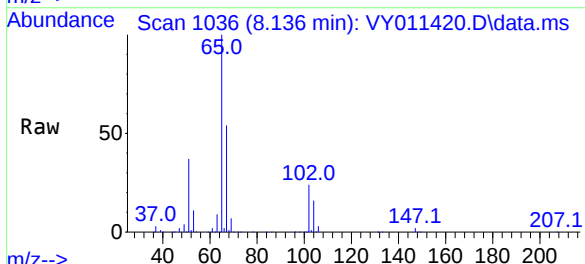
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

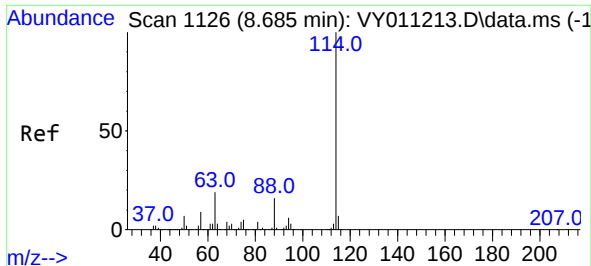
Tgt Ion: 56 Resp: 4798
Ion Ratio Lower Upper
56 100
69 176.4 26.7 40.1#
84 168.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.340 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

Tgt Ion: 65 Resp: 160016
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4

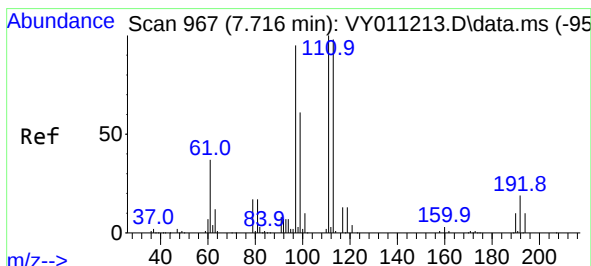
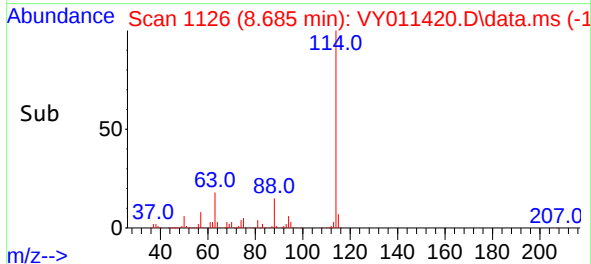
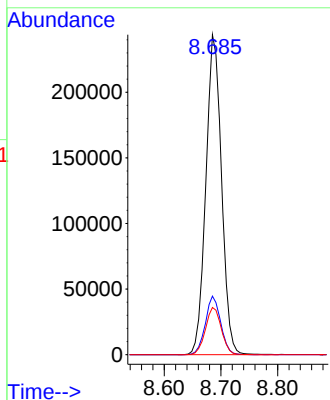
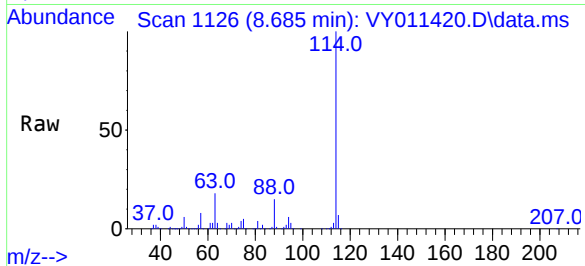




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

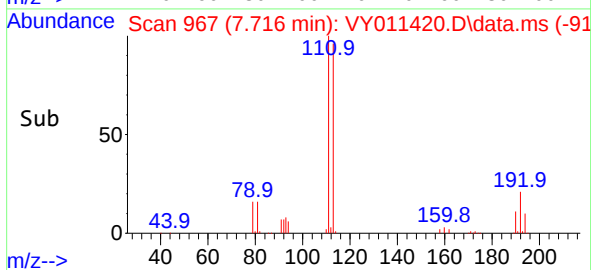
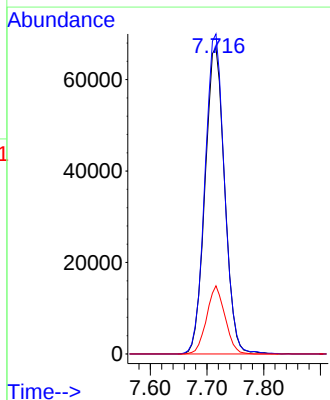
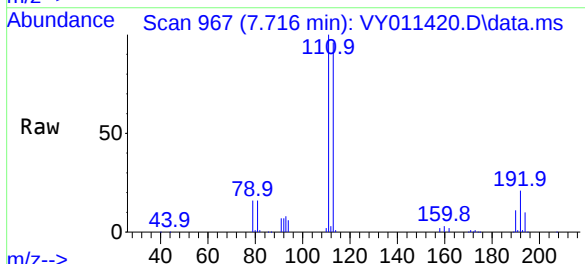
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

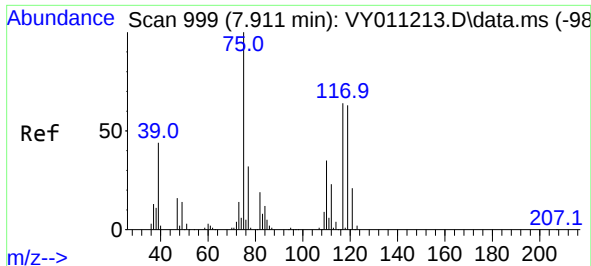
Tgt Ion:114 Resp: 466839
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 61.599 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

Tgt Ion:113 Resp: 161160
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 20.8 17.6 26.4

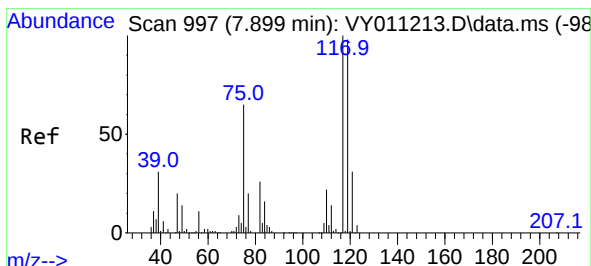
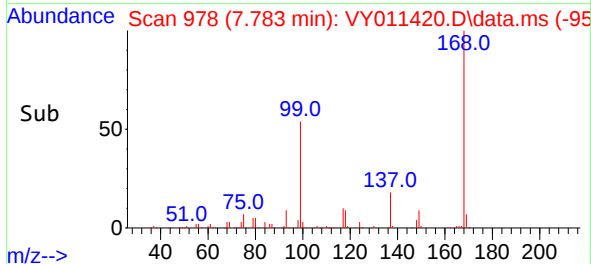
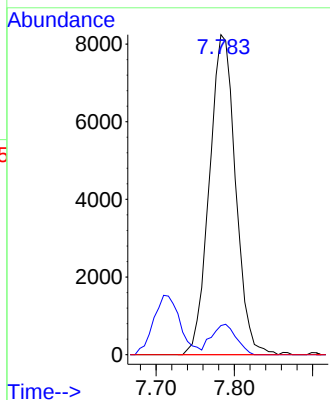
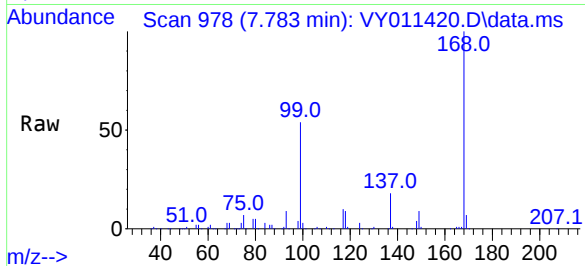




#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

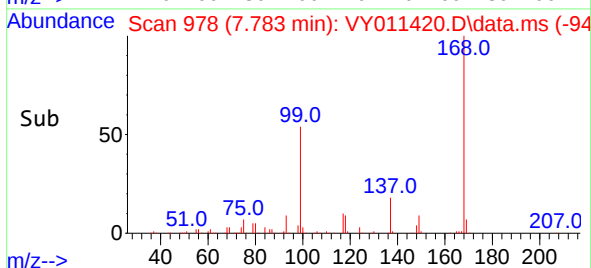
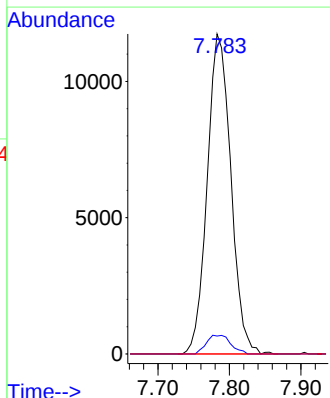
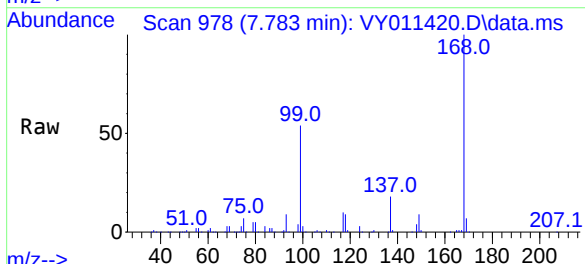
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

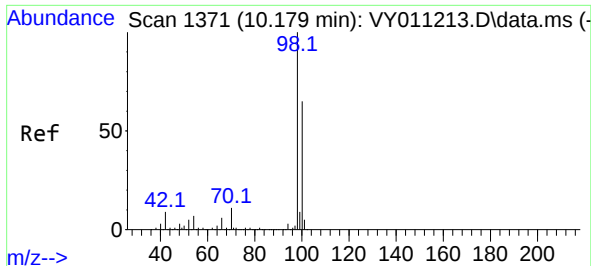
Tgt Ion: 75 Resp: 19140
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

Tgt Ion: 117 Resp: 26961
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#

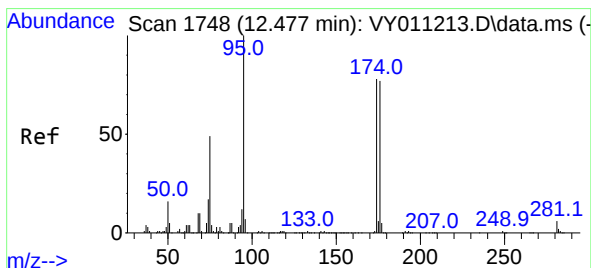
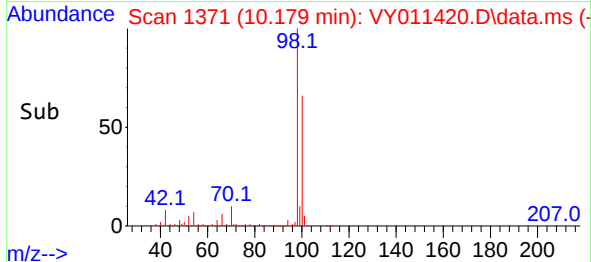
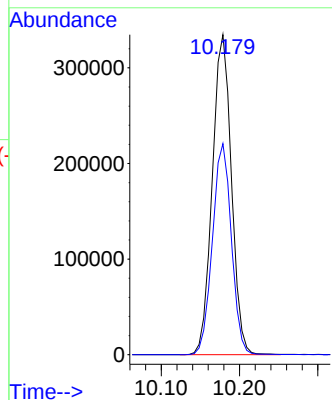
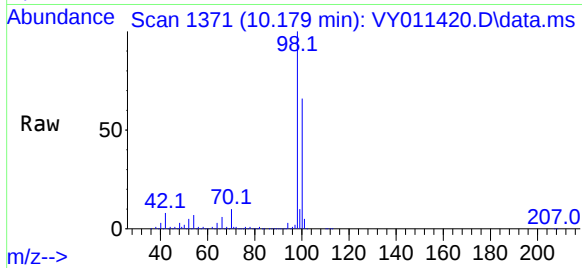




#50
Toluene-d8
Concen: 56.779 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

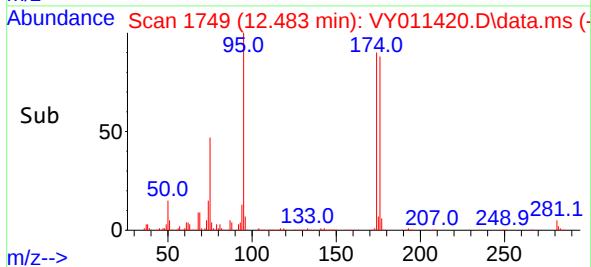
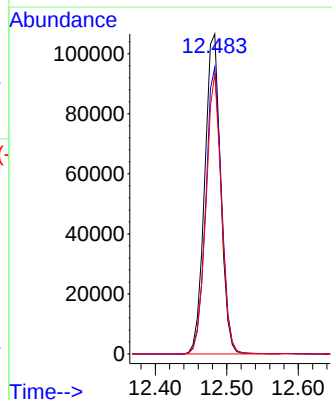
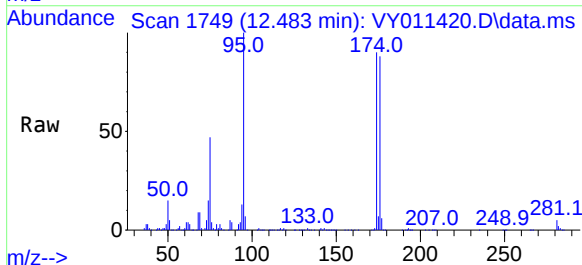
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

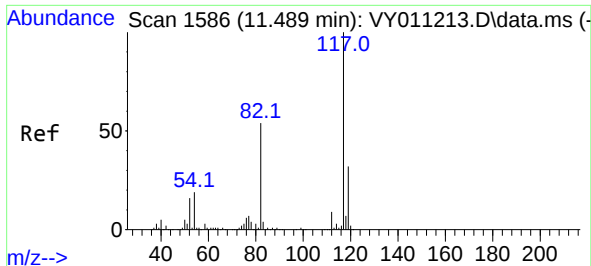
Tgt Ion: 98 Resp: 567504
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.178 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

Tgt Ion: 95 Resp: 164468
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 85.1 0.0 175.8

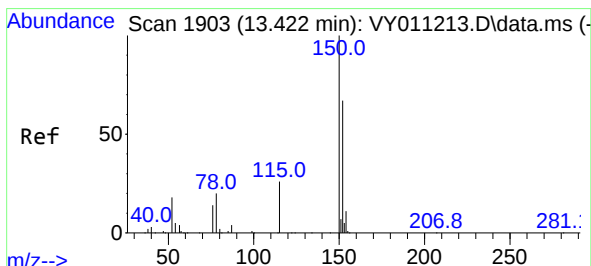
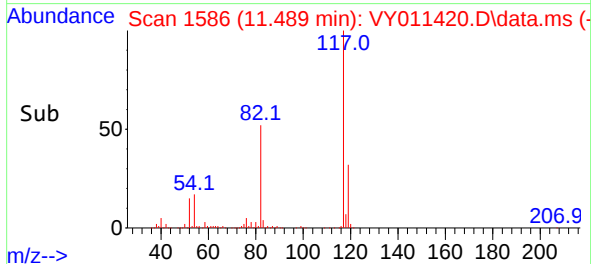
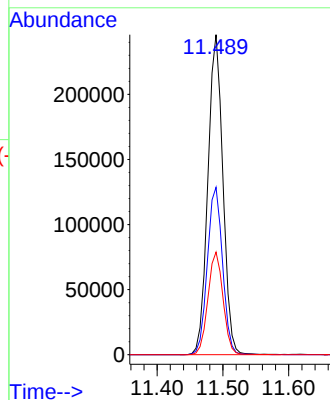
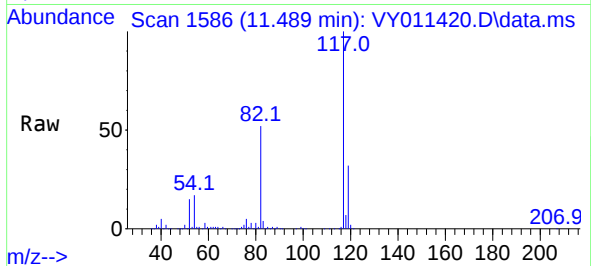




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

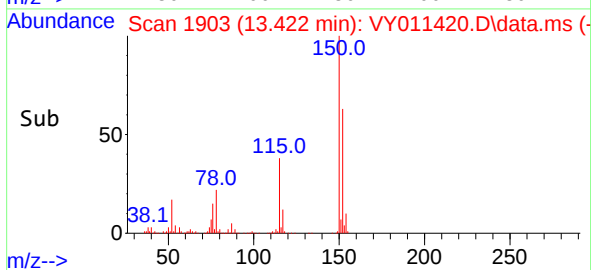
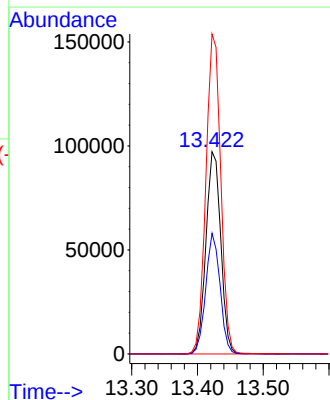
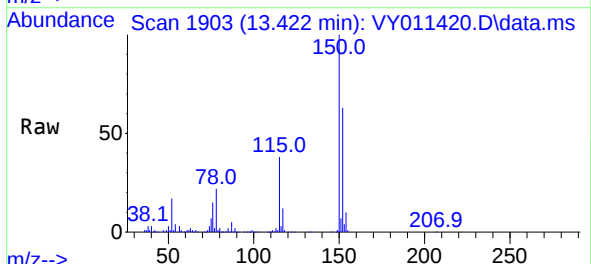
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

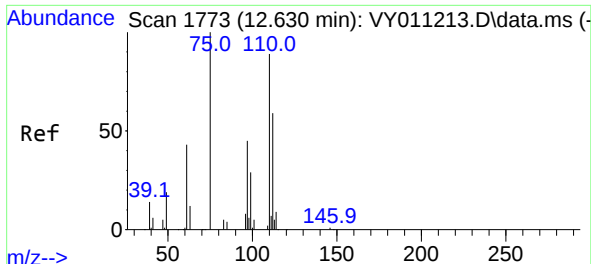
Tgt Ion:117 Resp: 391229
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

Tgt Ion:152 Resp: 152819
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 157.9 0.0 347.6

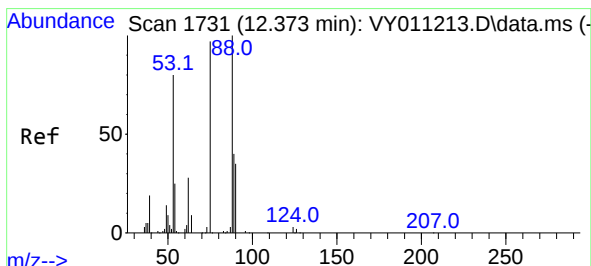
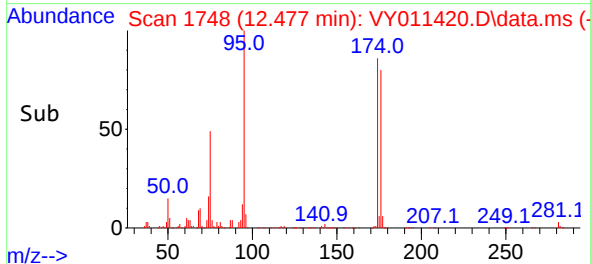
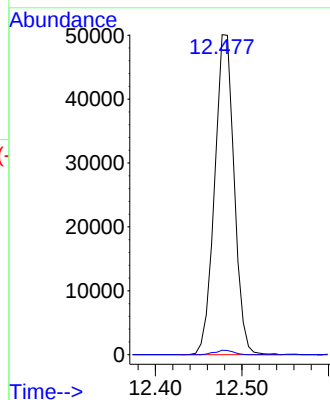
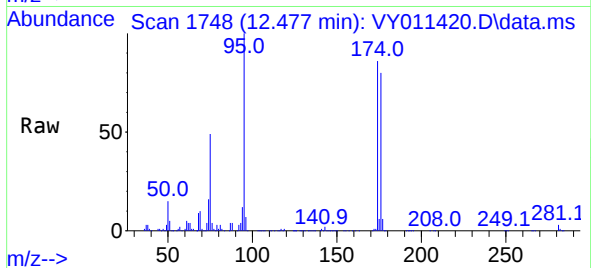




#76
1,2,3-Trichloropropane
Concen: 44.371 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

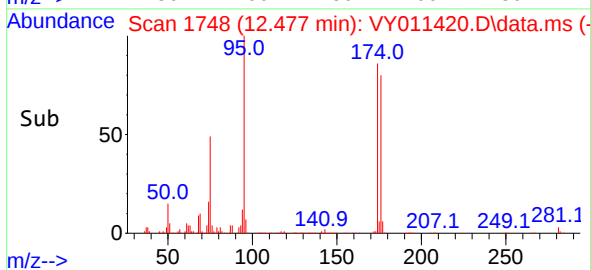
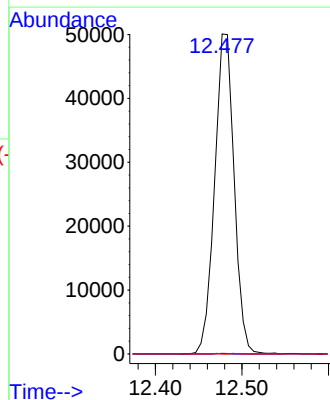
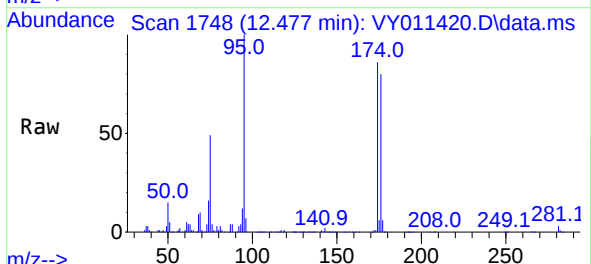
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

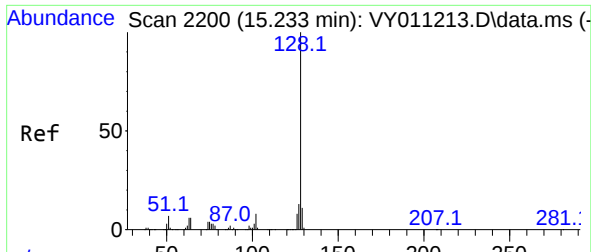
Tgt Ion: 75 Resp: 78489
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.655 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

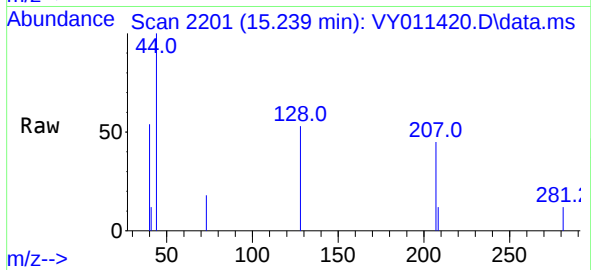
Tgt Ion: 75 Resp: 78489
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 3.320 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011420.D
Acq: 11 Nov 2022 15:47

Instrument :
MSVOA_Y
ClientSampleId :
SB-06



Tgt Ion:128 Resp: 278
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

