

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011051.D
 Acq On : 21 Oct 2022 15:30
 Operator : KP/MD
 Sample : N5217-17
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-C1-7.5-8.0

Quant Time: Oct 22 01:23:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

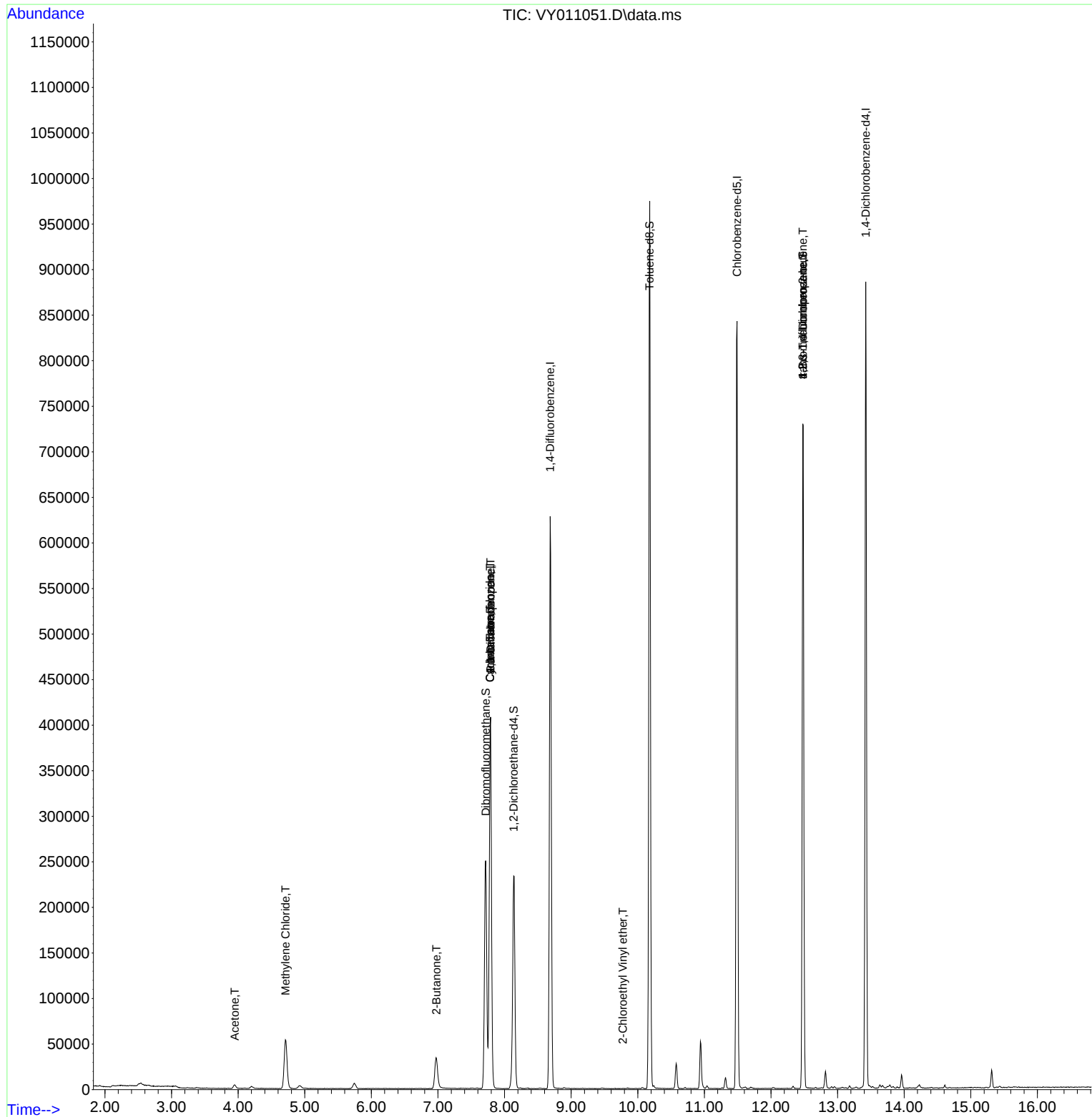
Internal Standards						
1) Pentafluorobenzene	7.789	168	323153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	546868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	482673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	177204	59.530	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 119.060%		
35) Dibromofluoromethane	7.716	113	181899	60.106	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 120.220%		
50) Toluene-d8	10.179	98	642589	56.276	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 112.560%		
62) 4-Bromofluorobenzene	12.477	95	223011	55.471	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 110.940%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3649	Below Cal	#	77
16) Acetone	3.948	43	7407	8.569	ug/l	99
18) Methyl Acetate	4.473	43	78	Below Cal	#	56
20) Methylene Chloride	4.710	84	42089	5.557	ug/l	87
25) 2-Butanone	6.978	43	2792	2.130	ug/l	96
31) Cyclohexane	7.783	56	6013	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	25326	4.975	ug/l #	50
38) Carbon Tetrachloride	7.783	117	31260	5.948	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.777	63	44	16.981	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	110344	42.535	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	110344	91.480	ug/l #	7

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

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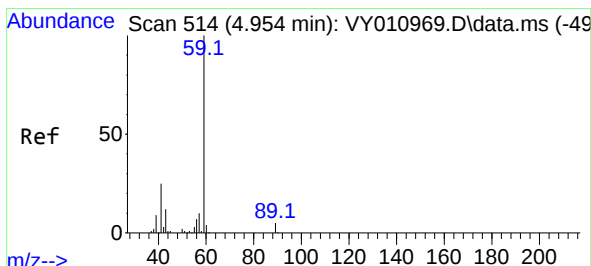
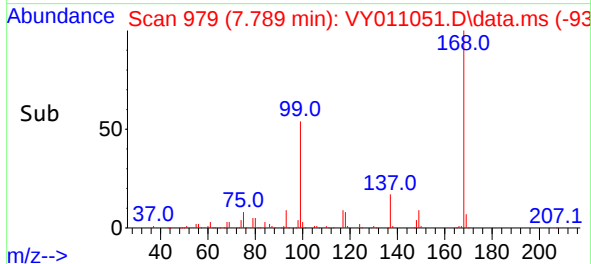
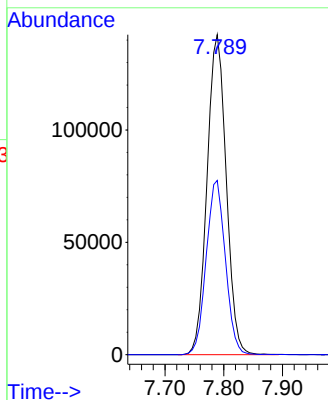
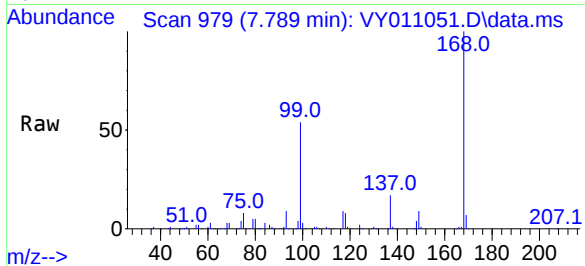




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

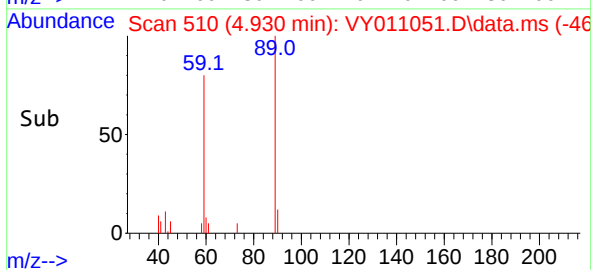
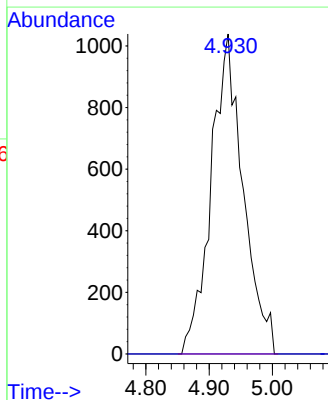
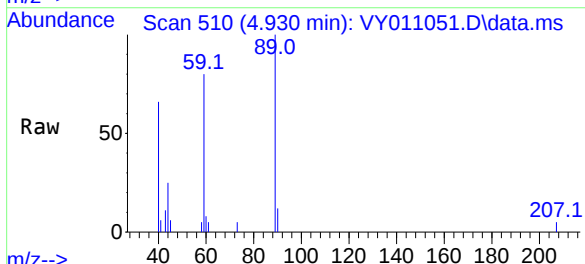
Instrument :
MSVOA_Y
ClientSampleId :
SB-C1-7.5-8.0

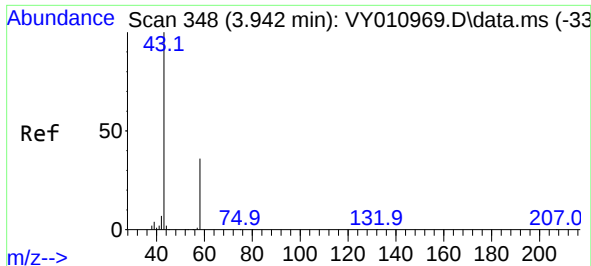
Tgt Ion:168 Resp: 323153
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

Tgt Ion: 59 Resp: 3649
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

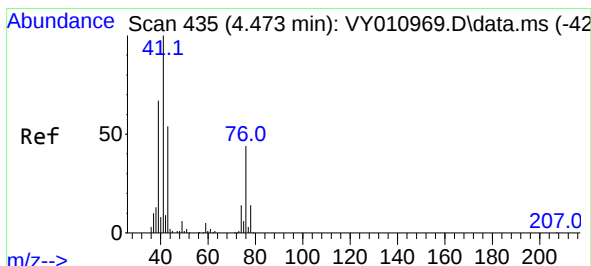
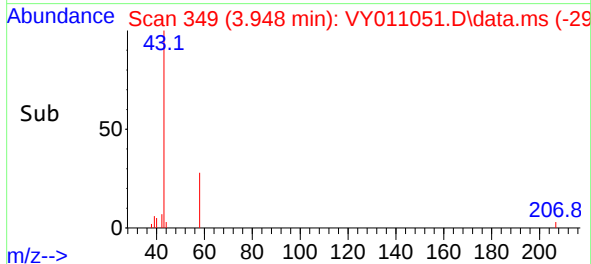
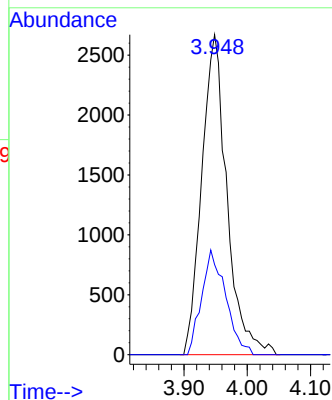
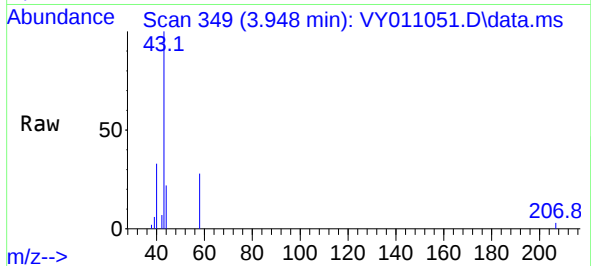




#16
Acetone
Concen: 8.569 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

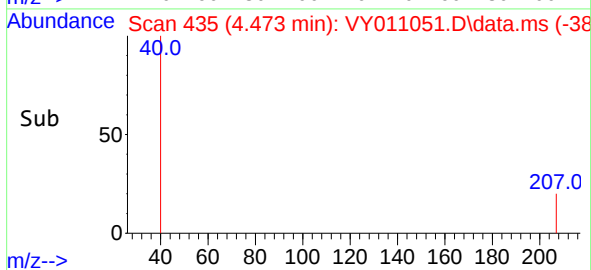
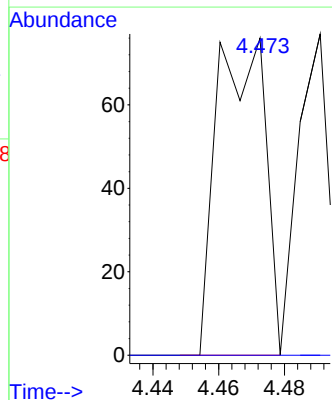
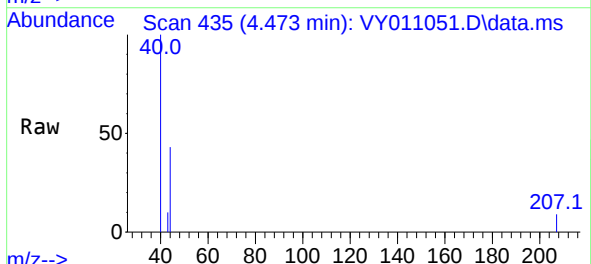
Instrument :
MSVOA_Y
ClientSampleId :
SB-C1-7.5-8.0

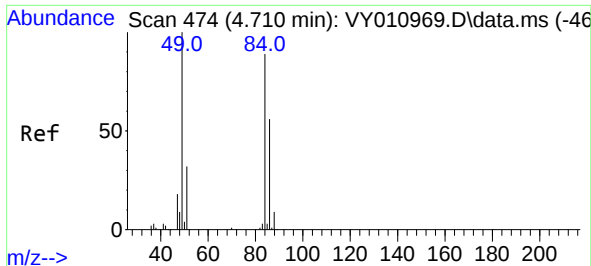
Tgt Ion: 43 Resp: 7407
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



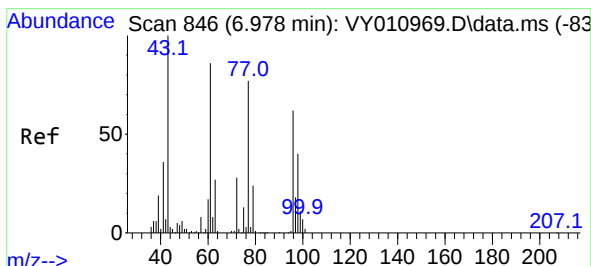
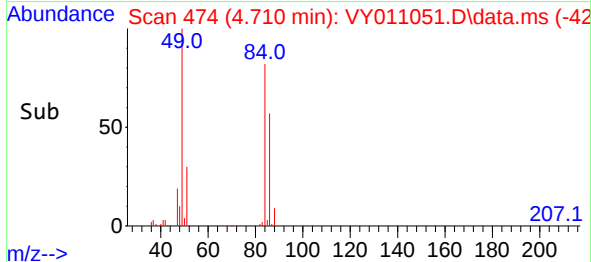
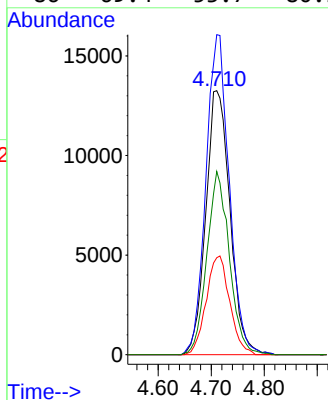
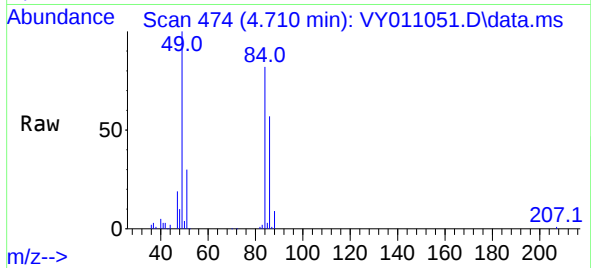


#20
Methylene Chloride
Concen: 5.557 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-C1-7.5-8.0

Tgt Ion: 84 Resp: 42089

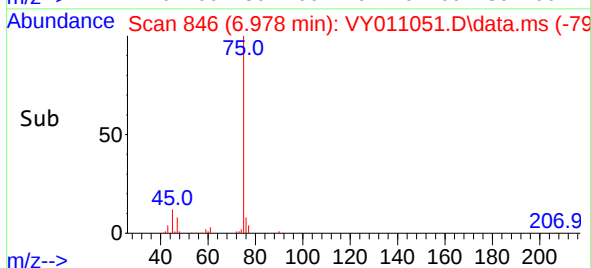
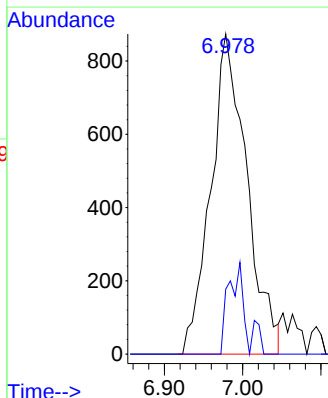
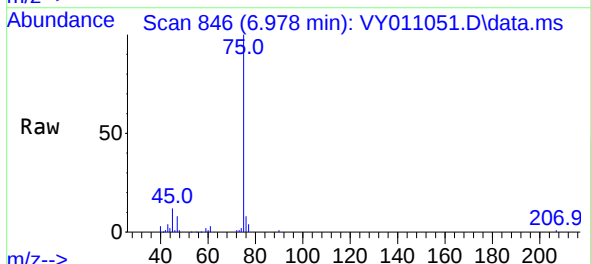
Ion	Ratio	Lower	Upper
84	100		
49	121.2	114.4	171.6
51	36.7	35.3	52.9
86	69.4	53.7	80.5

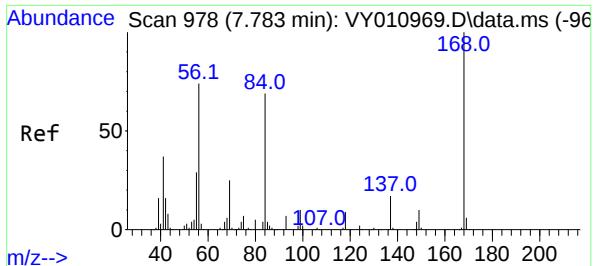


#25
2-Butanone
Concen: 2.130 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

Tgt Ion: 43 Resp: 2792

Ion	Ratio	Lower	Upper
43	100		
72	20.3	17.7	26.5

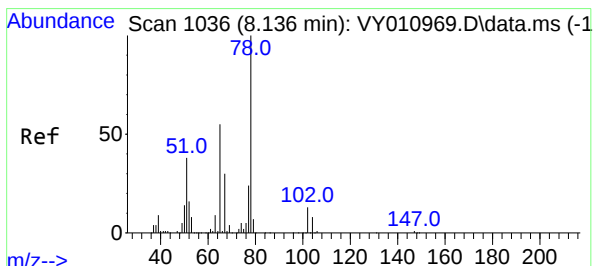
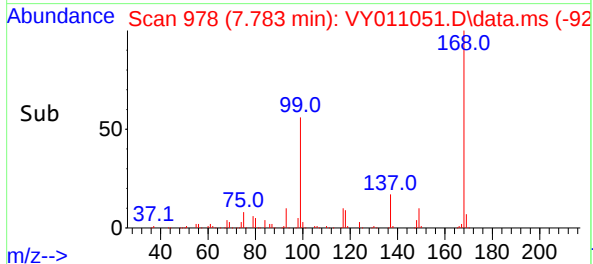
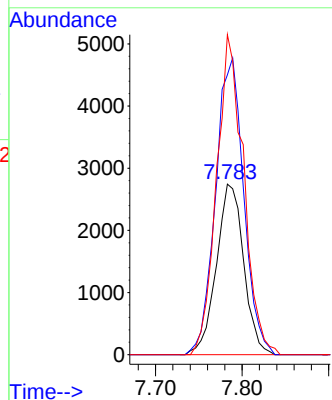
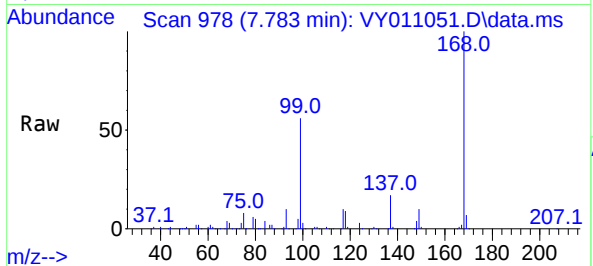




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

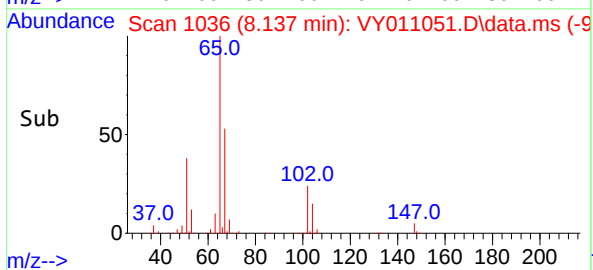
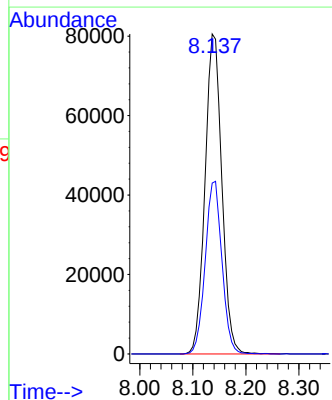
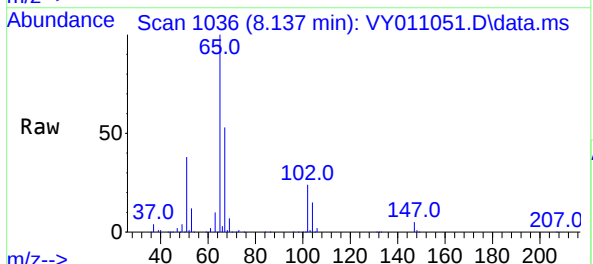
Instrument :
MSVOA_Y
ClientSampleId :
SB-C1-7.5-8.0

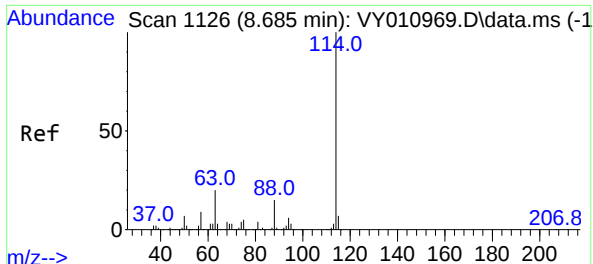
Tgt Ion: 56 Resp: 6013
Ion Ratio Lower Upper
56 100
69 164.0 26.7 40.1#
84 187.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.530 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

Tgt Ion: 65 Resp: 177204
Ion Ratio Lower Upper
65 100
67 53.6 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: VY011051.D

Acq: 21 Oct 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-C1-7.5-8.0

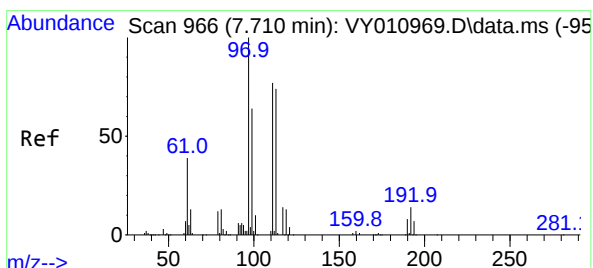
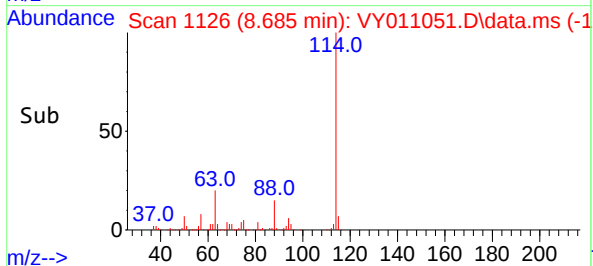
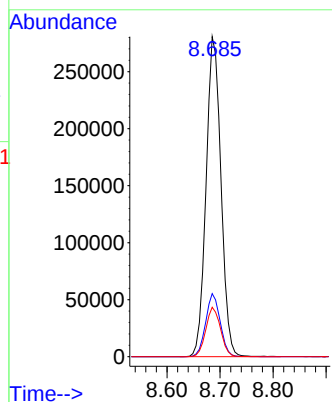
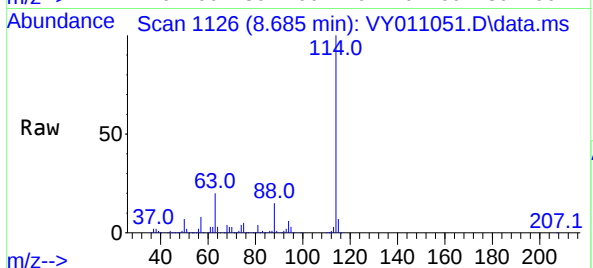
Tgt Ion:114 Resp: 546868

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.106 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011051.D

Acq: 21 Oct 2022 15:30

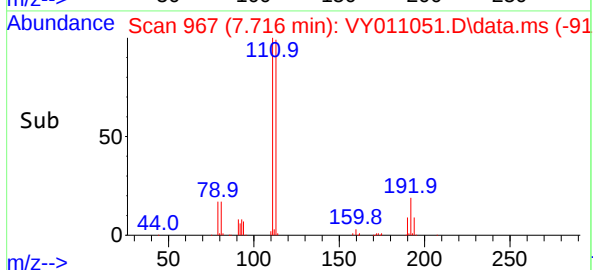
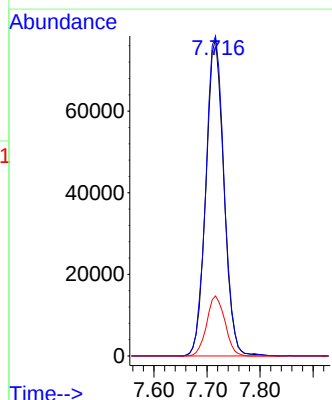
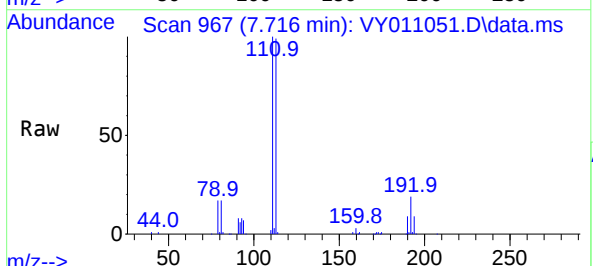
Tgt Ion:113 Resp: 181899

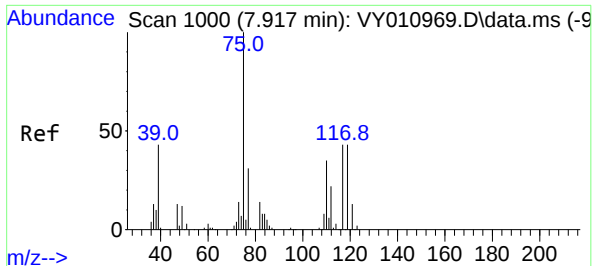
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.975 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011051.D

Acq: 21 Oct 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-C1-7.5-8.0

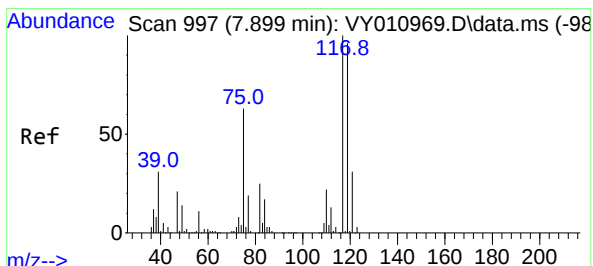
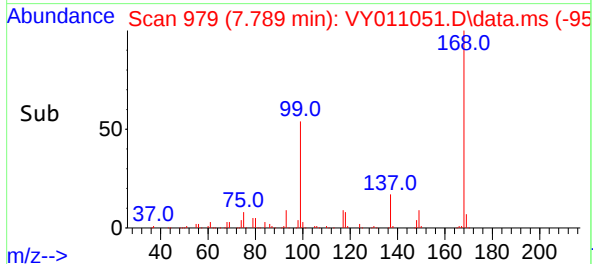
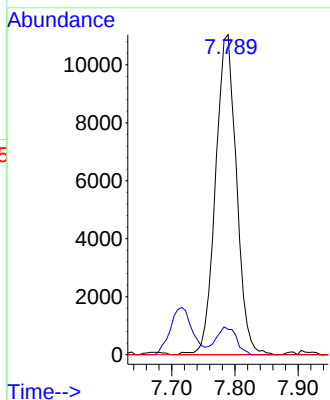
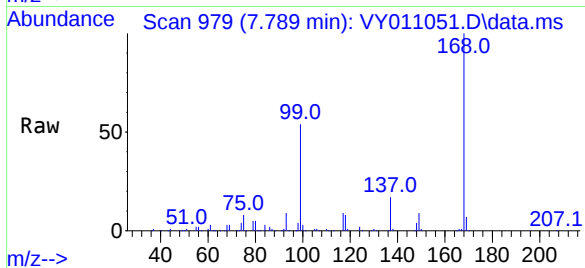
Tgt Ion: 75 Resp: 25326

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.948 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011051.D

Acq: 21 Oct 2022 15:30

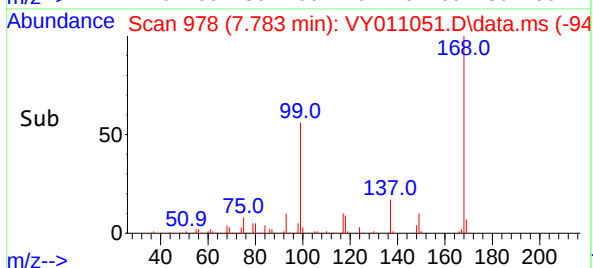
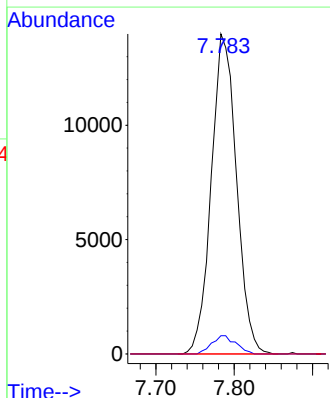
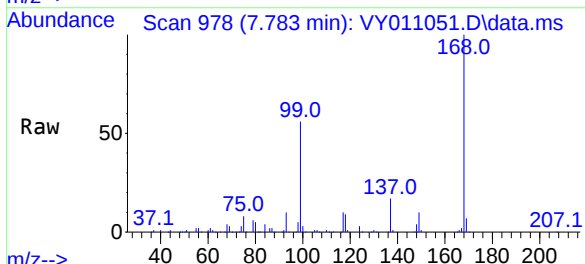
Tgt Ion: 117 Resp: 31260

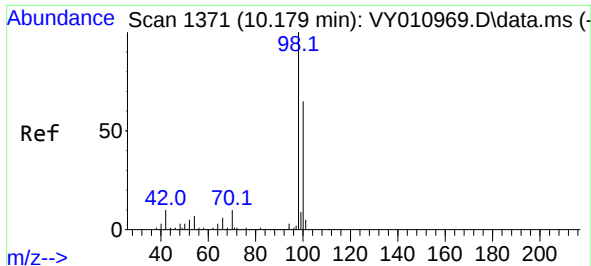
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#

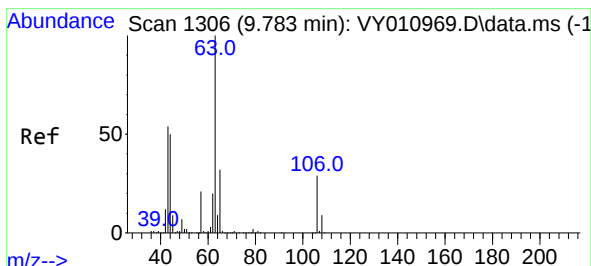
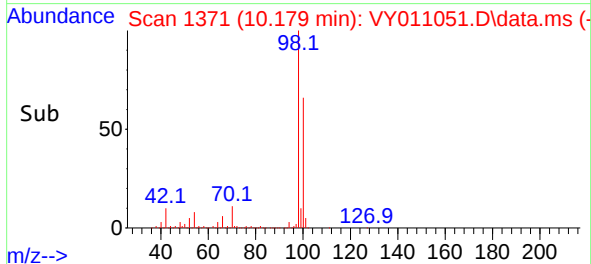
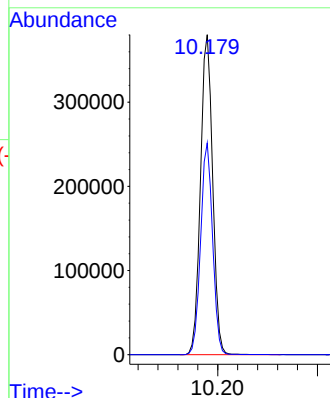
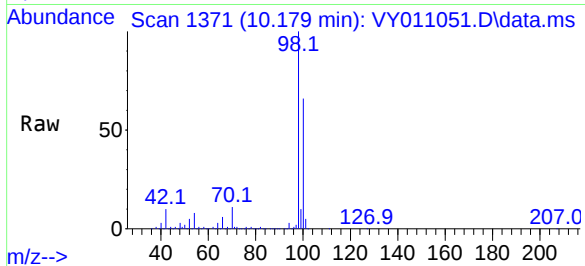




#50
Toluene-d8
Concen: 56.276 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

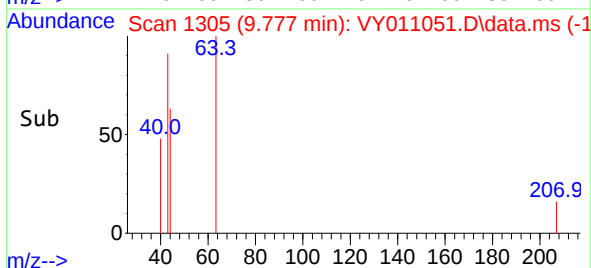
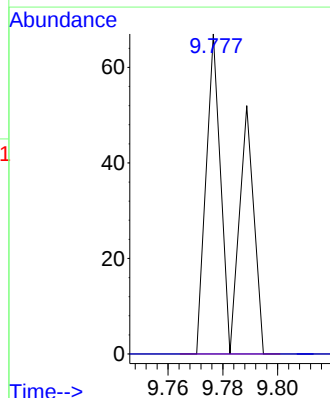
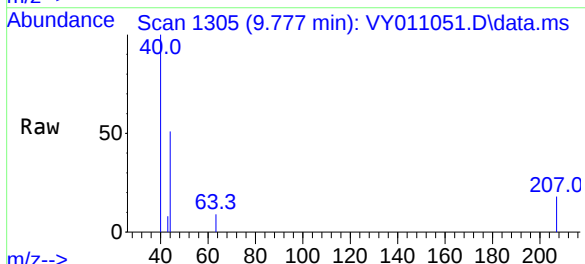
Instrument :
MSVOA_Y
ClientSampleId :
SB-C1-7.5-8.0

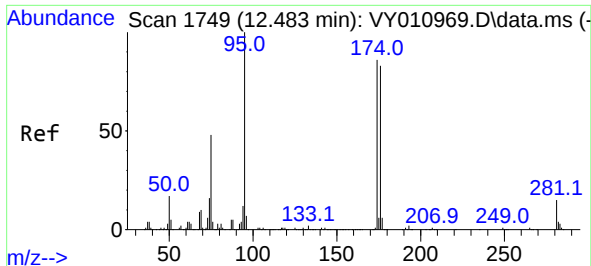
Tgt Ion: 98 Resp: 642589
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 16.981 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

Tgt Ion: 63 Resp: 44
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

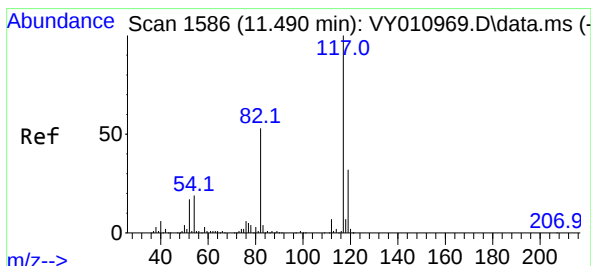
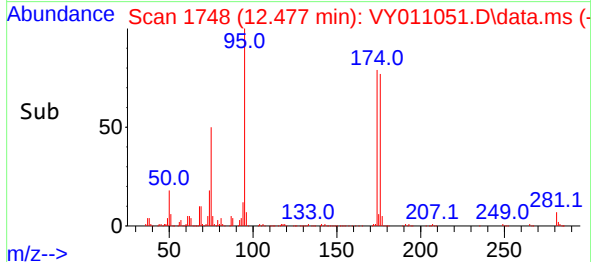
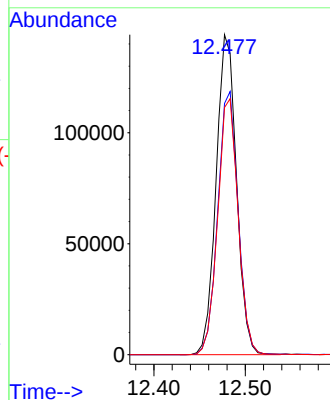
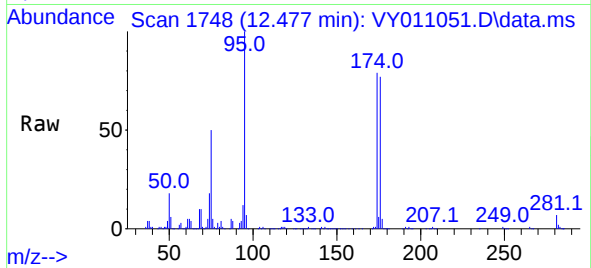




#62
4-Bromofluorobenzene
Concen: 55.471 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

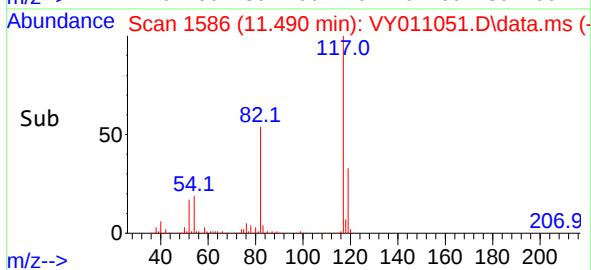
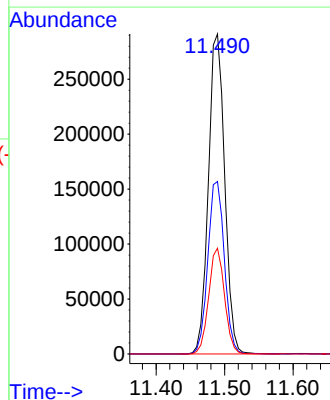
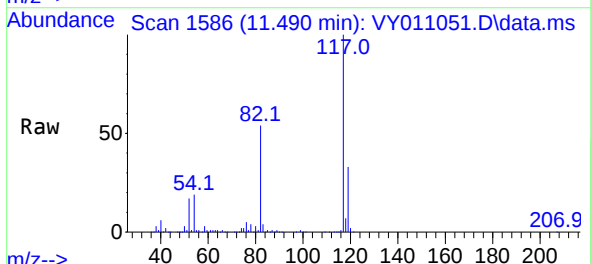
Instrument :
MSVOA_Y
ClientSampleId :
SB-C1-7.5-8.0

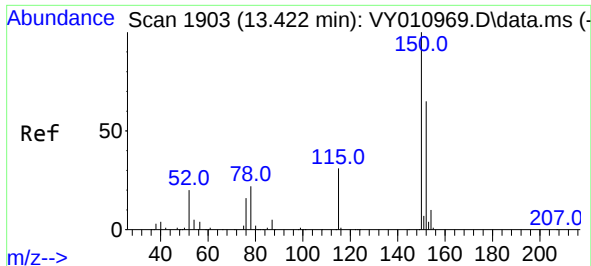
Tgt Ion: 95 Resp: 223011
Ion Ratio Lower Upper
95 100
174 82.3 0.0 177.0
176 80.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

Tgt Ion: 117 Resp: 482673
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 33.1 25.4 38.0

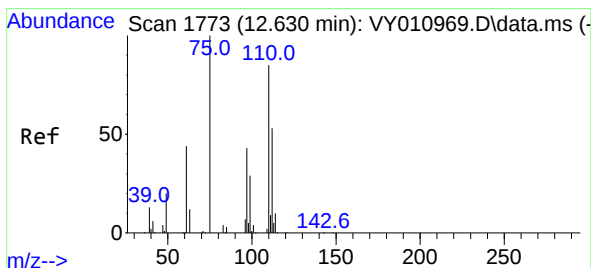
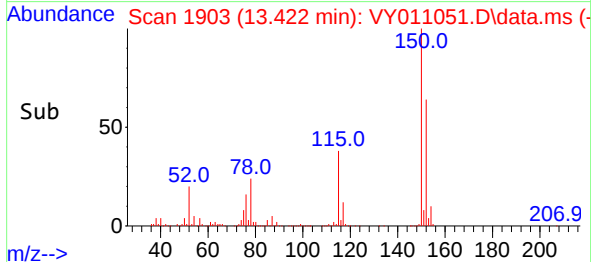
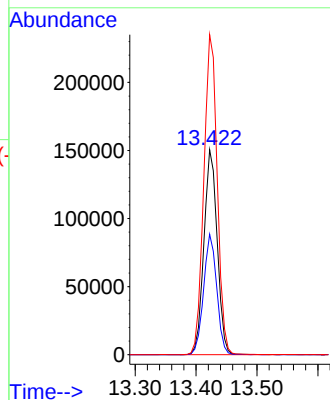
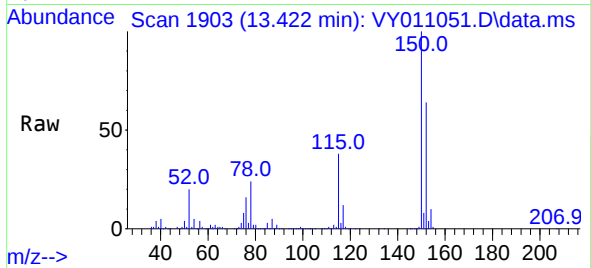




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

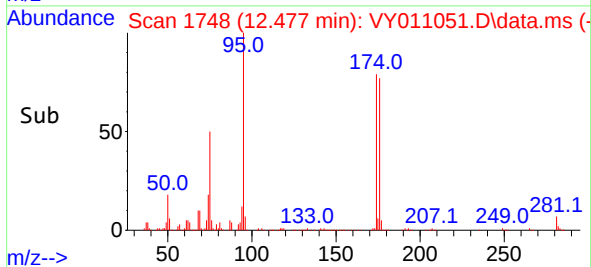
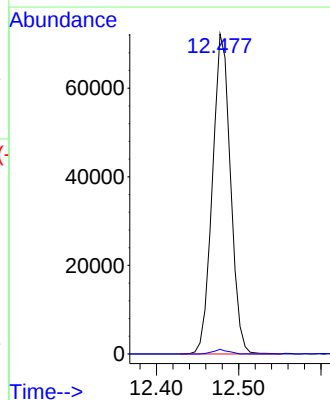
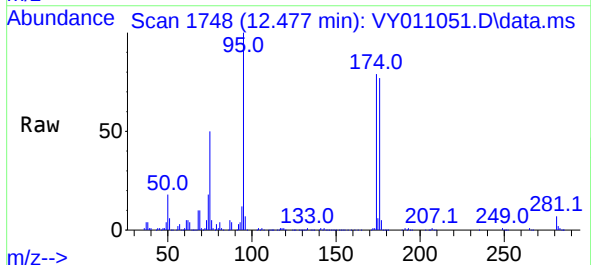
Instrument :
MSVOA_Y
ClientSampleId :
SB-C1-7.5-8.0

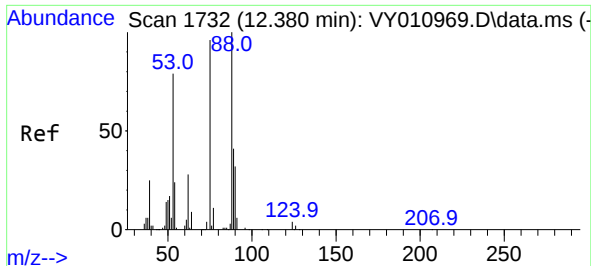
Tgt Ion:152 Resp: 228501
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.535 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011051.D
Acq: 21 Oct 2022 15:30

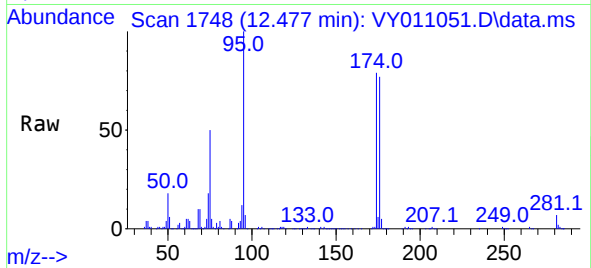
Tgt Ion: 75 Resp: 110344
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.480 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011051.D
 Acq: 21 Oct 2022 15:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-C1-7.5-8.0



Tgt Ion: 75 Resp: 110344
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

