

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011557.D
 Acq On : 22 Nov 2022 18:45
 Operator : KP/MD
 Sample : N5678-15RE
 Misc : 7.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:09:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

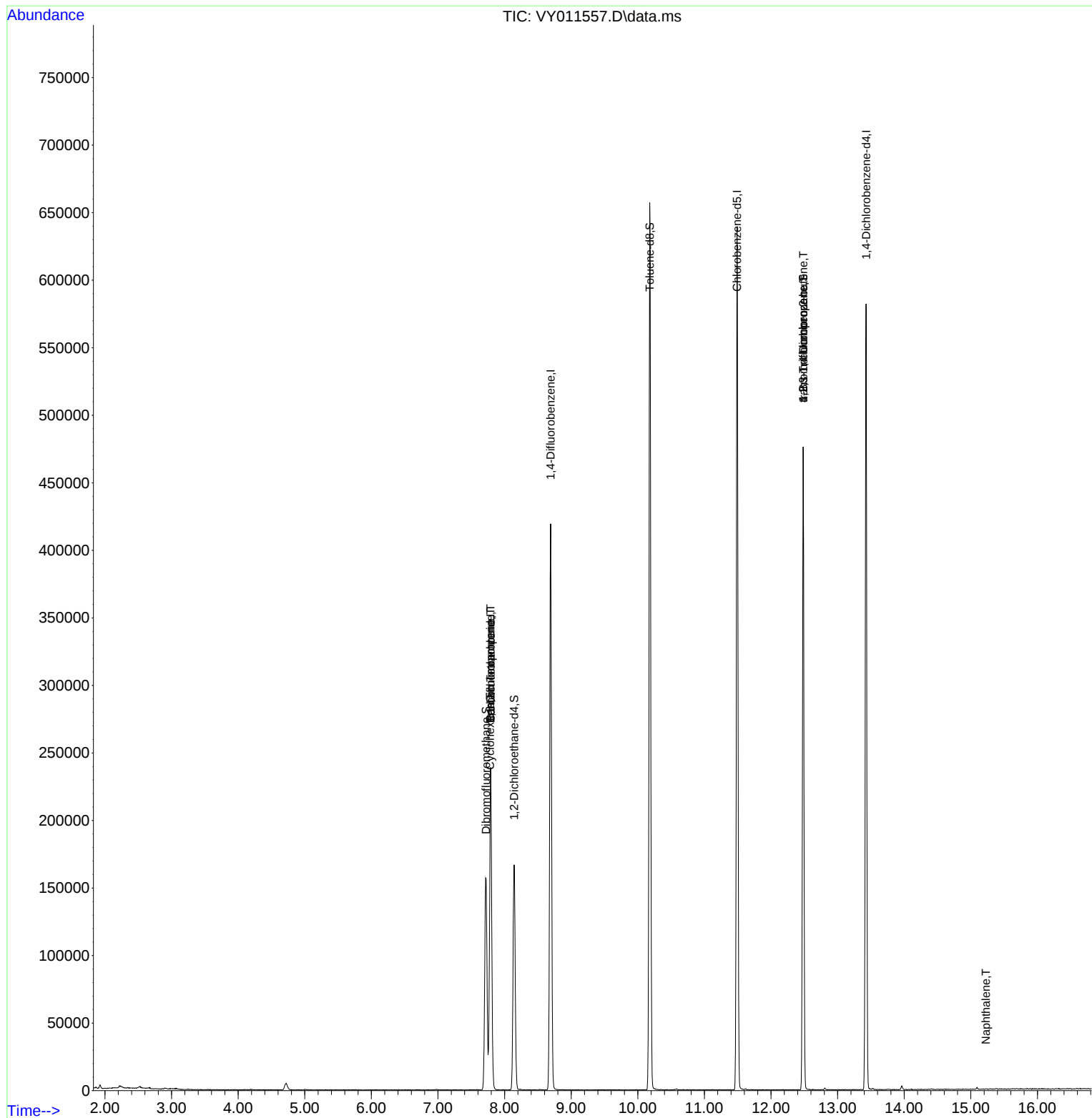
Internal Standards						
1) Pentafluorobenzene	7.789	168	177016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130458	72.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.160%	
35) Dibromofluoromethane	7.722	113	113205	53.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.220%	
50) Toluene-d8	10.179	98	427709	55.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.480%	
62) 4-Bromofluorobenzene	12.483	95	137535	48.475	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	23	Below Cal	#	43
3) Chloromethane	2.119	50	211	Below Cal	#	44
5) Bromomethane	2.674	94	140	Below Cal		84
18) Methyl Acetate	4.485	43	199	Below Cal	#	56
20) Methylene Chloride	4.728	84	3537	Below Cal	#	76
31) Cyclohexane	7.783	56	3787	1.271	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	13787	4.177	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17921	4.853	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	73720	47.495	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73720	104.029	ug/l #	7
95) Naphthalene	15.227	128	101	4.038	ug/l #	69

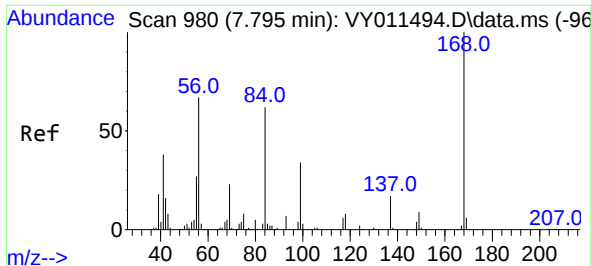
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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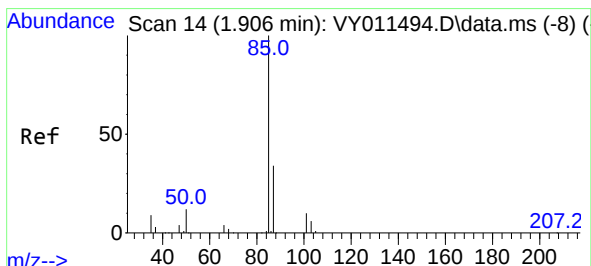
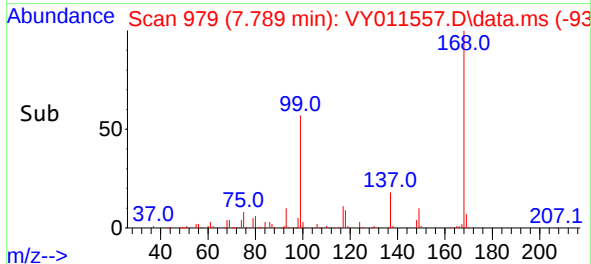
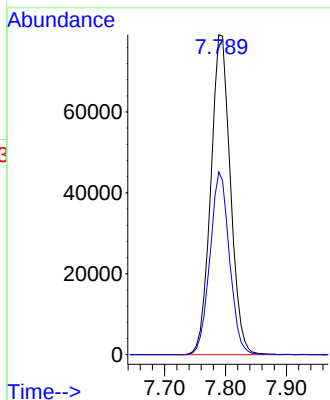
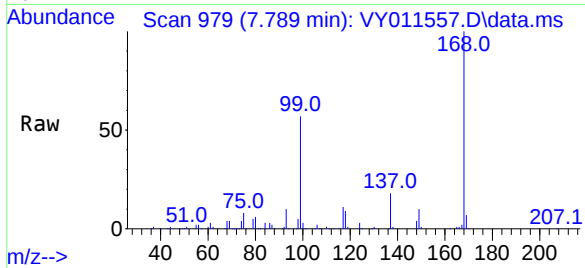




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

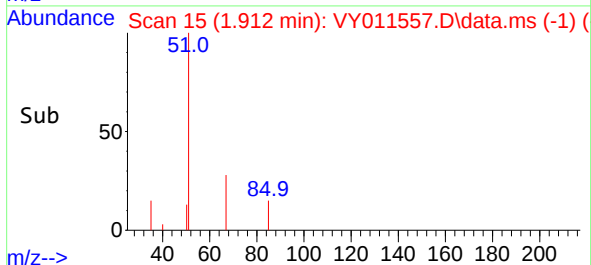
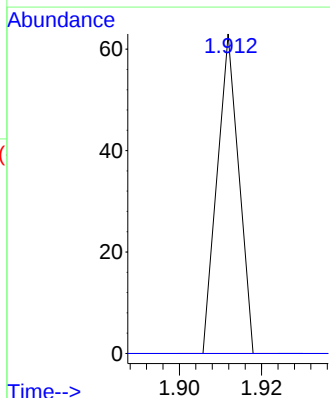
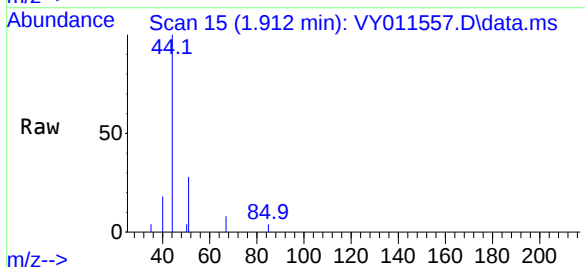
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 177016
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3

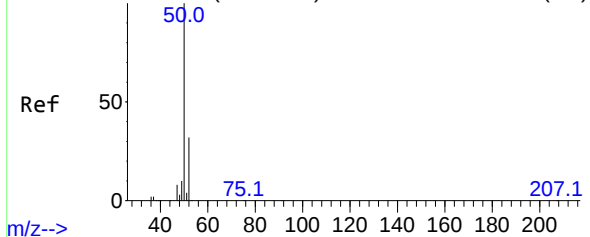


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

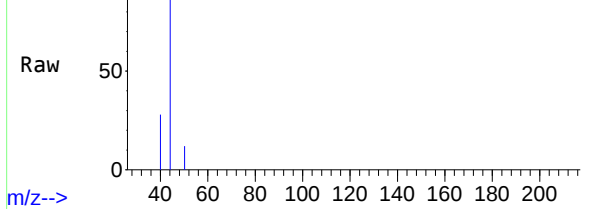


Abundance Scan 49 (2.119 min): VY011494.D\data.ms (-41)



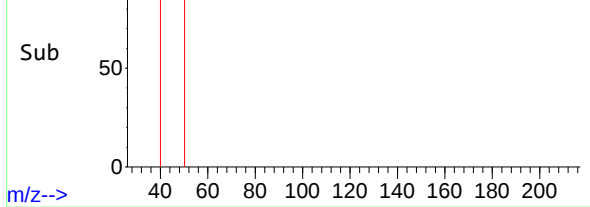
m/z-->

Abundance Scan 49 (2.119 min): VY011557.D\data.ms



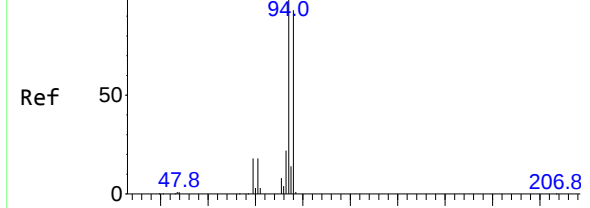
m/z-->

Abundance Scan 49 (2.119 min): VY011557.D\data.ms (-1)



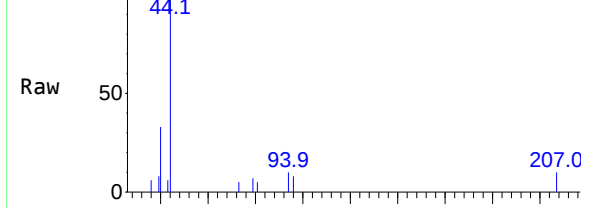
m/z-->

Abundance Scan 137 (2.656 min): VY011494.D\data.ms (-12)



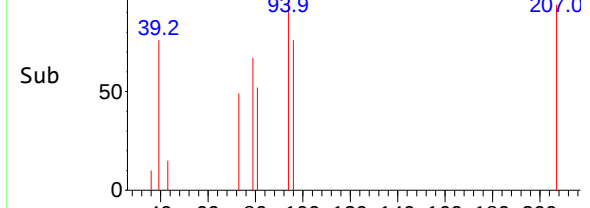
m/z-->

Abundance Scan 140 (2.674 min): VY011557.D\data.ms



m/z-->

Abundance Scan 140 (2.674 min): VY011557.D\data.ms (-88)



m/z-->

#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY011557.D

Acq: 22 Nov 2022 18:45

Instrument :

MSVOA_Y

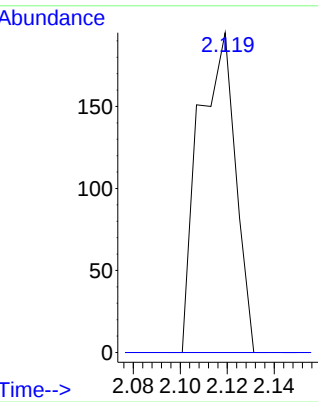
ClientSampleId :

Tgt Ion: 50 Resp: 211

Ion Ratio Lower Upper

50 100

52 0.0 24.6 37.0#



#5

Bromomethane

Concen: Below Cal

RT: 2.674 min Scan# 140

Delta R.T. 0.018 min

Lab File: VY011557.D

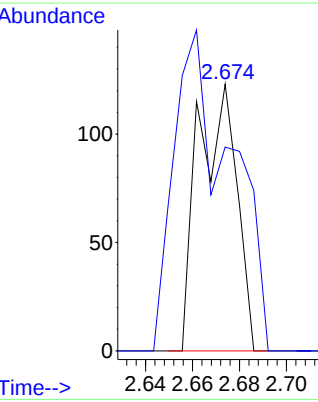
Acq: 22 Nov 2022 18:45

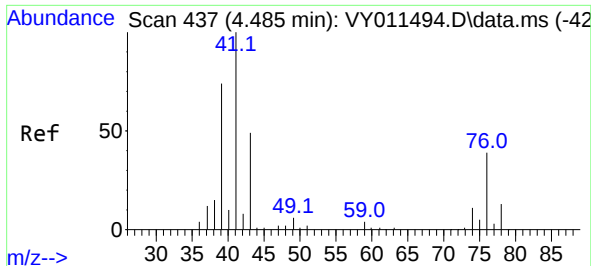
Tgt Ion: 94 Resp: 140

Ion Ratio Lower Upper

94 100

96 76.4 73.5 110.3

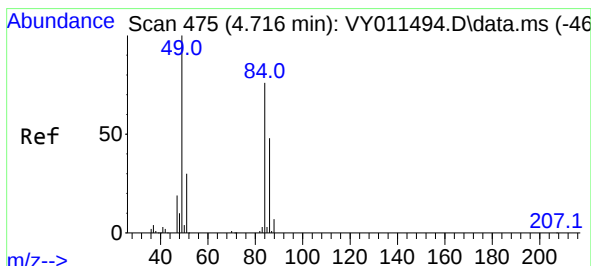
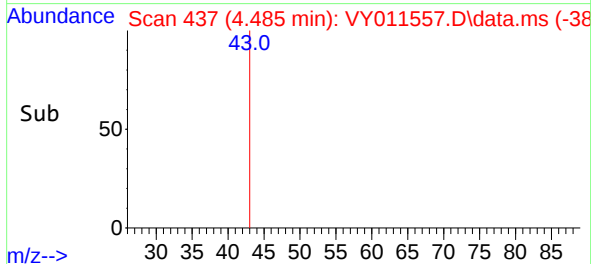
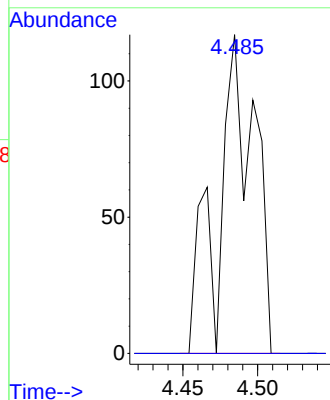
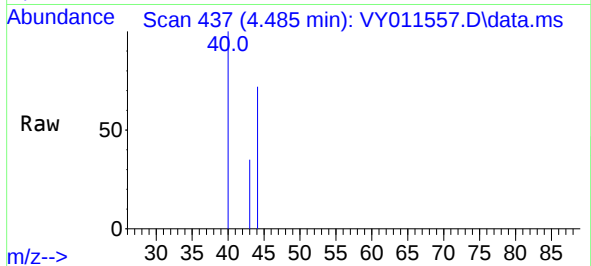




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

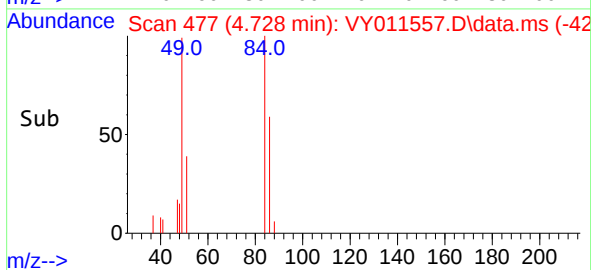
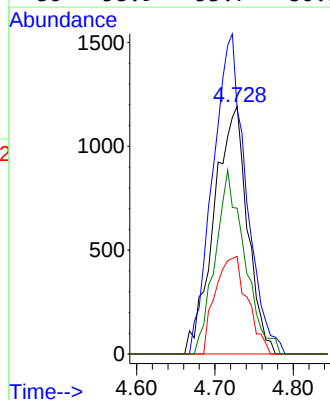
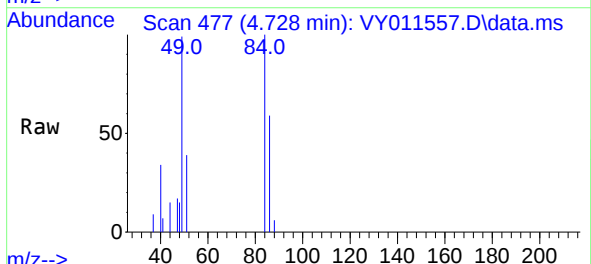
Instrument :
MSVOA_Y
ClientSampleId :

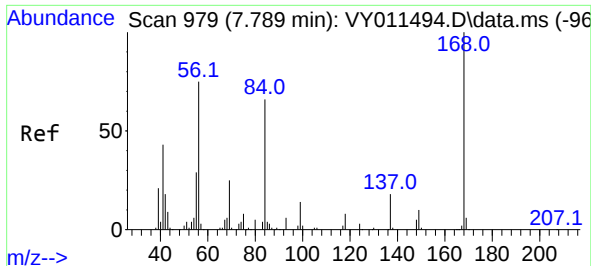
Tgt Ion: 43 Resp: 199
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

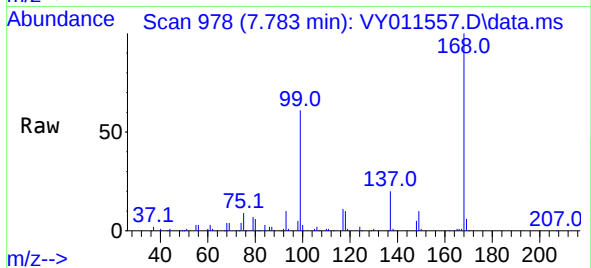
Tgt Ion: 84 Resp: 3537
Ion Ratio Lower Upper
84 100
49 98.8 114.4 171.6#
51 39.4 35.3 52.9
86 58.9 53.7 80.5



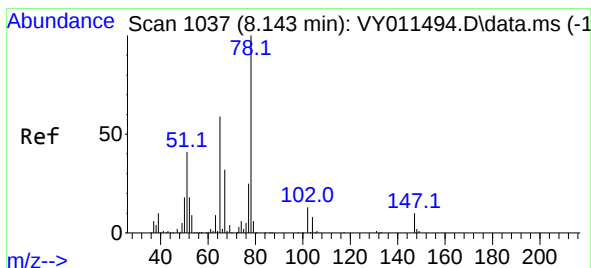
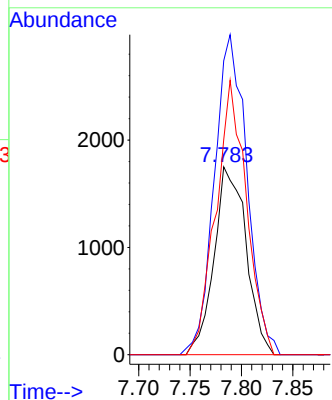


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Instrument :
MSVOA_Y
ClientSampleId :

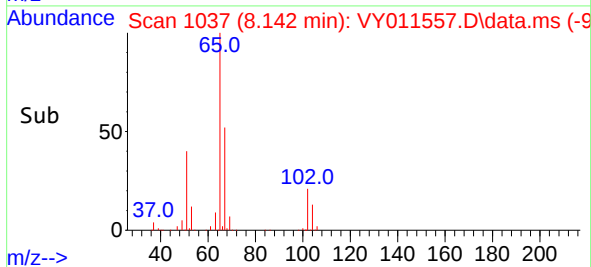
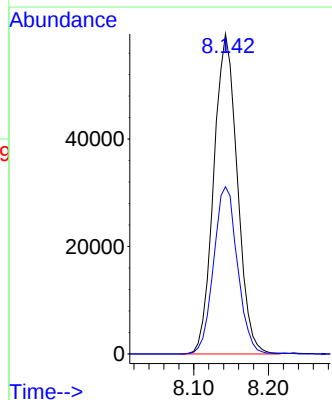
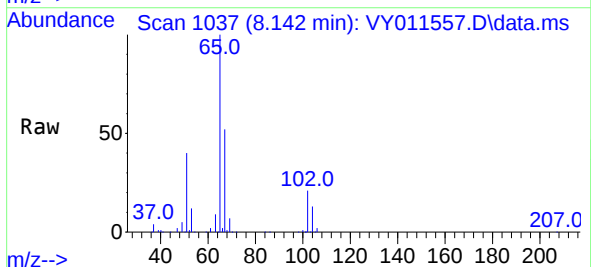


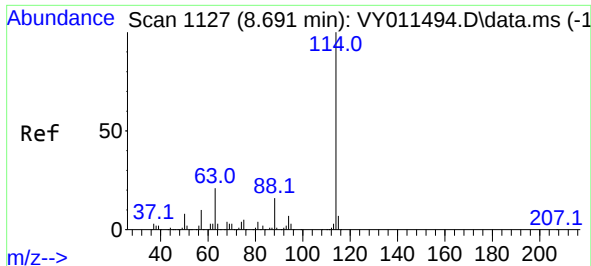
Tgt Ion: 56 Resp: 3787
Ion Ratio Lower Upper
56 100
69 156.5 26.7 40.1#
84 114.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 72.581 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Tgt Ion: 65 Resp: 130458
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011557.D

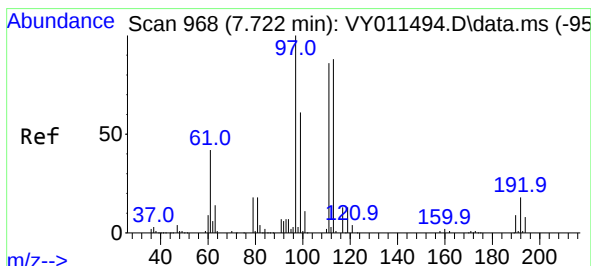
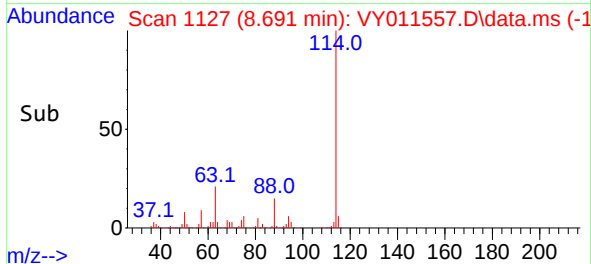
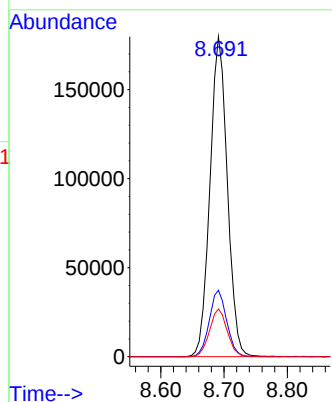
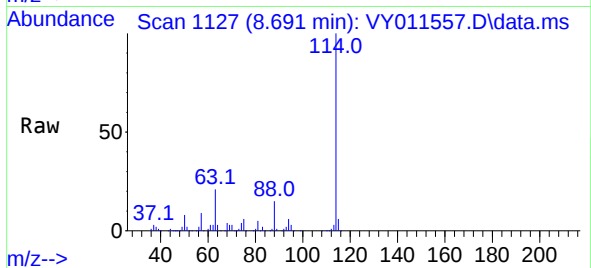
Acq: 22 Nov 2022 18:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	343040
Ion	Ratio	Lower Upper
114	100	
63	20.8	0.0 43.2
88	14.9	0.0 31.8



#35

Dibromofluoromethane

Concen: 53.608 ug/l

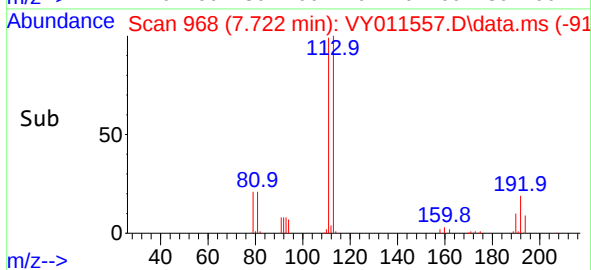
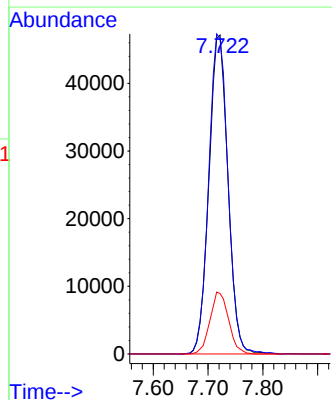
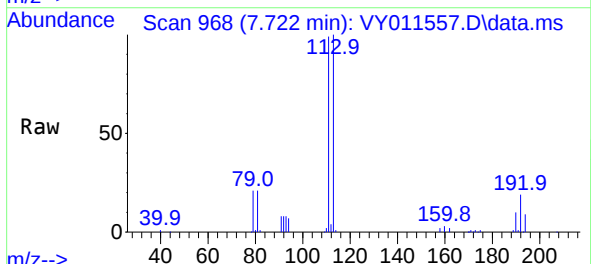
RT: 7.722 min Scan# 968

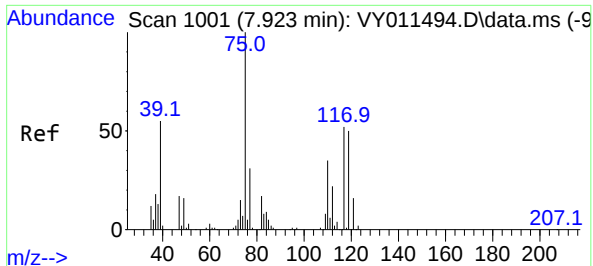
Delta R.T. -0.000 min

Lab File: VY011557.D

Acq: 22 Nov 2022 18:45

Tgt Ion:113	Resp:	113205
Ion	Ratio	Lower Upper
113	100	
111	101.9	82.6 124.0
192	19.0	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.177 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

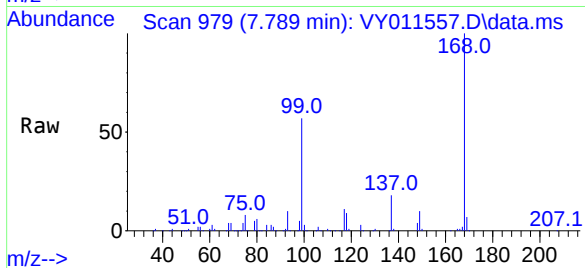
Lab File: VY011557.D

Acq: 22 Nov 2022 18:45

Instrument :

MSVOA_Y

ClientSampleId :



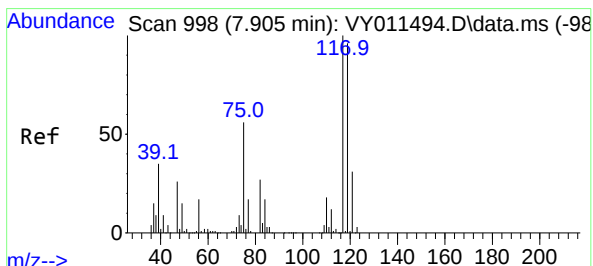
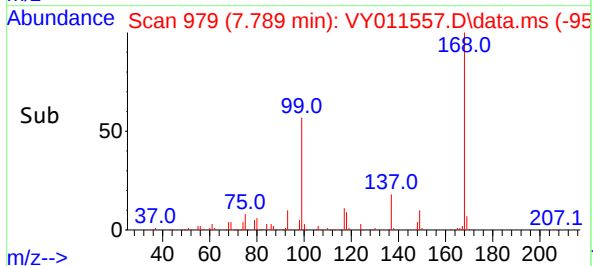
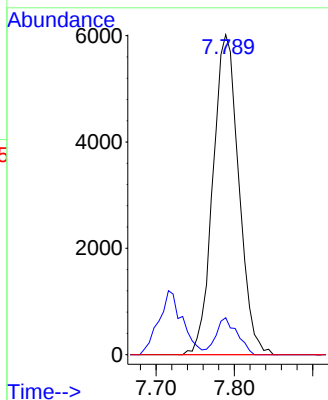
Tgt Ion: 75 Resp: 13787

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.853 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011557.D

Acq: 22 Nov 2022 18:45

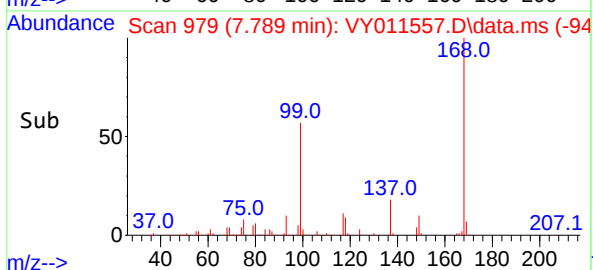
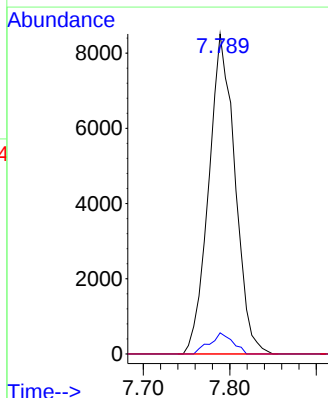
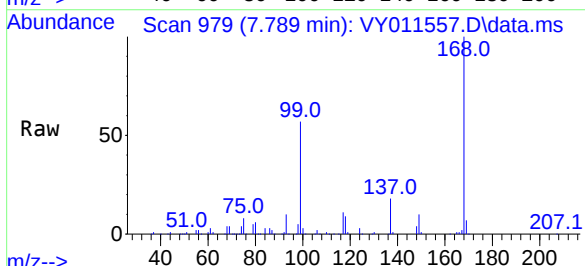
Tgt Ion: 117 Resp: 17921

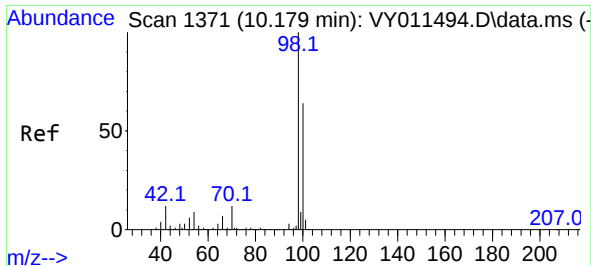
Ion Ratio Lower Upper

117 100

119 6.6 77.9 116.9#

121 0.0 24.8 37.2#

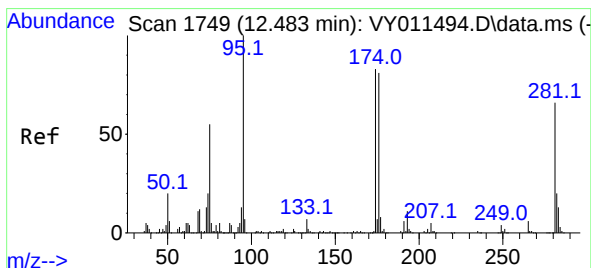
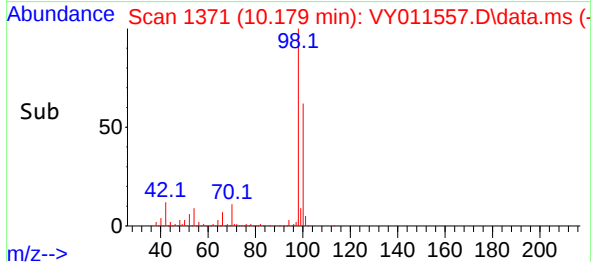
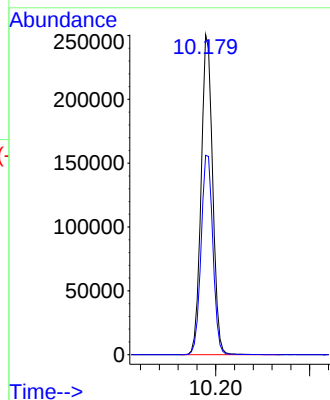
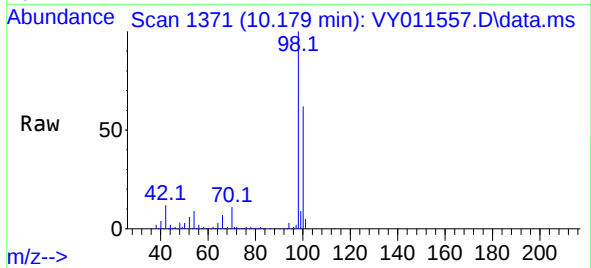




#50
Toluene-d8
Concen: 55.736 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

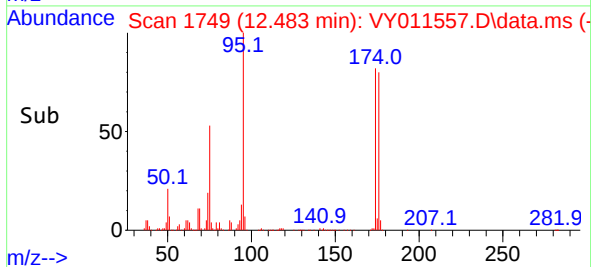
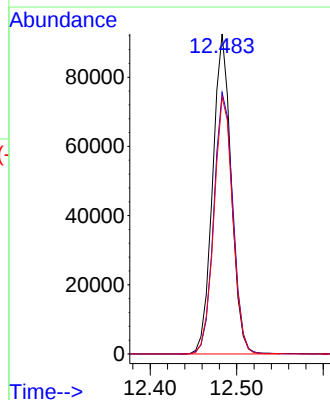
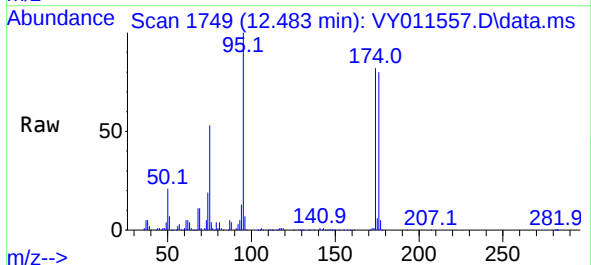
Instrument :
MSVOA_Y
ClientSampleId :

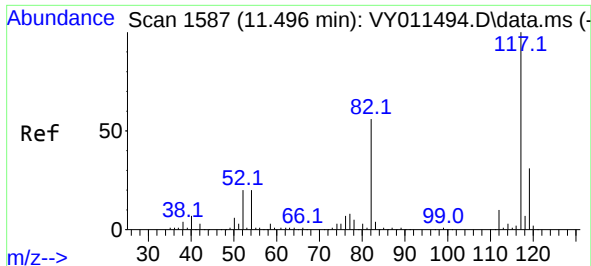
Tgt Ion: 98 Resp: 427709
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.475 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

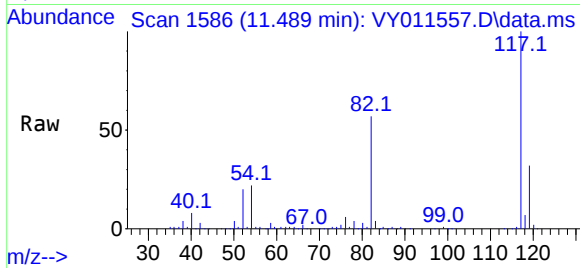
Tgt Ion: 95 Resp: 137535
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.4 0.0 175.8



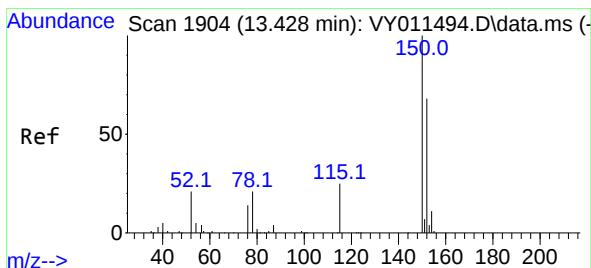
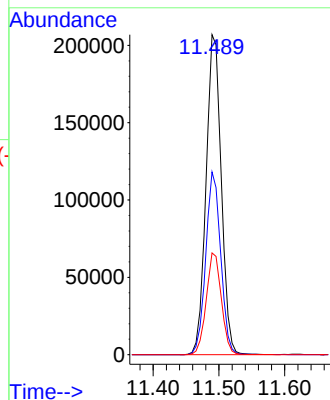
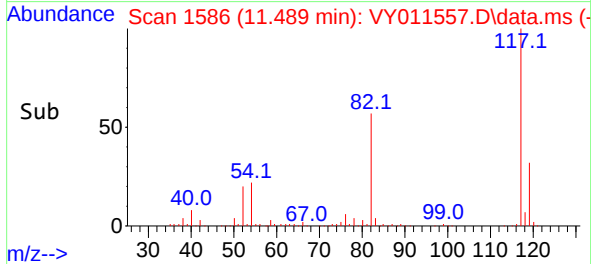


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Instrument :
MSVOA_Y
ClientSampleId :

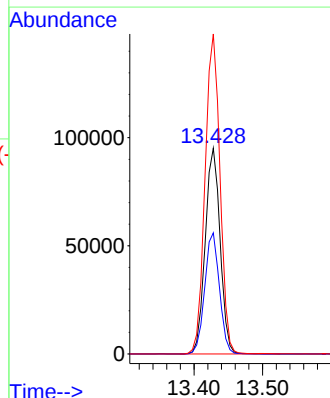
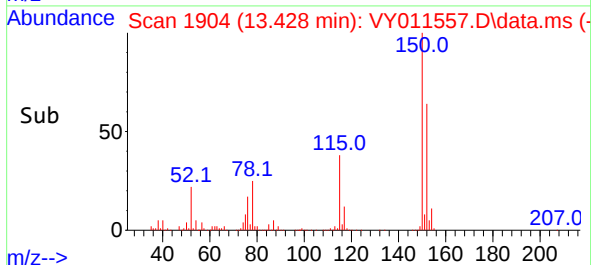
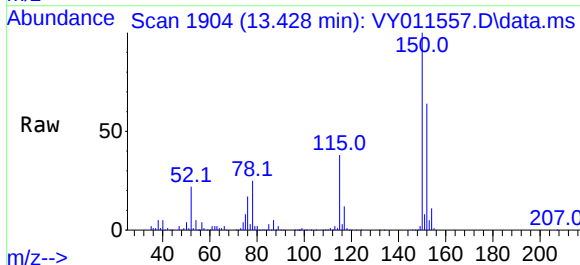


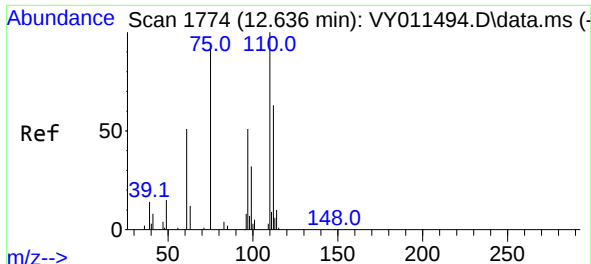
Tgt Ion:117 Resp: 333169
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Tgt Ion:152 Resp: 144129
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 155.9 0.0 347.6

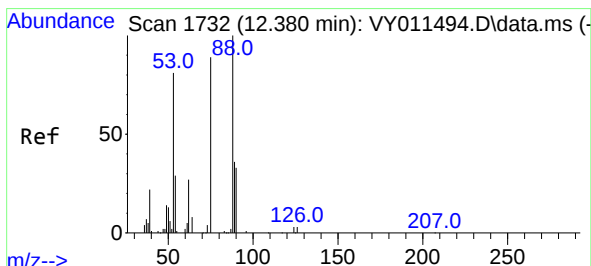
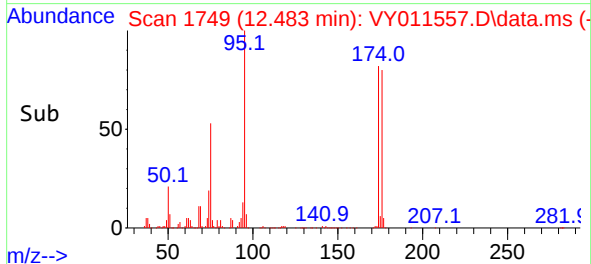
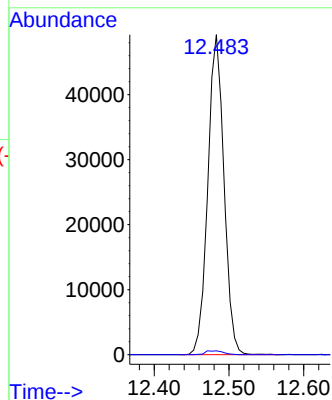
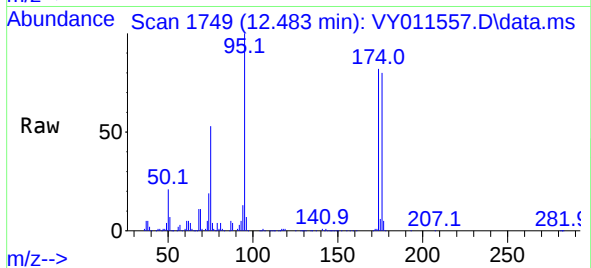




#76
1,2,3-Trichloropropane
Concen: 47.495 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

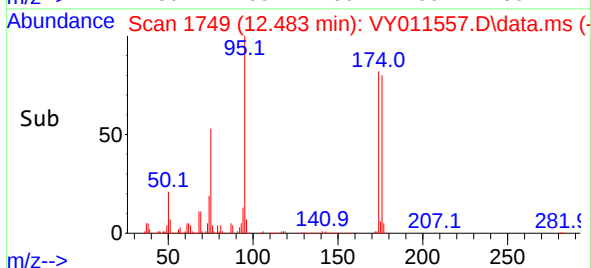
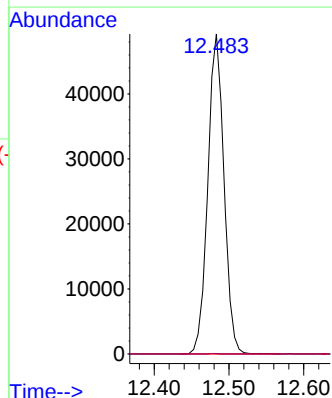
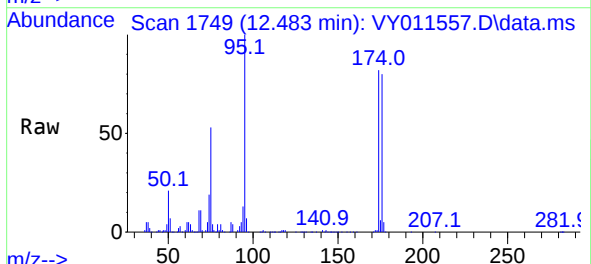
Instrument :
MSVOA_Y
ClientSampleId :

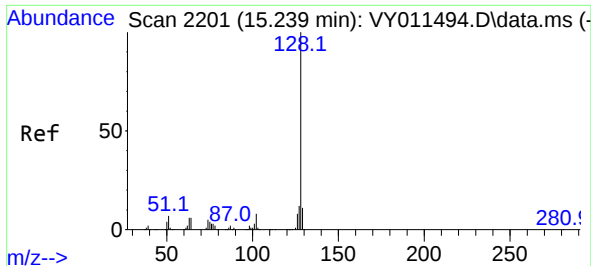
Tgt Ion: 75 Resp: 73720
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011557.D
Acq: 22 Nov 2022 18:45

Tgt Ion: 75 Resp: 73720
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.038 ug/l

RT: 15.227 min Scan# 21

Delta R.T. -0.012 min

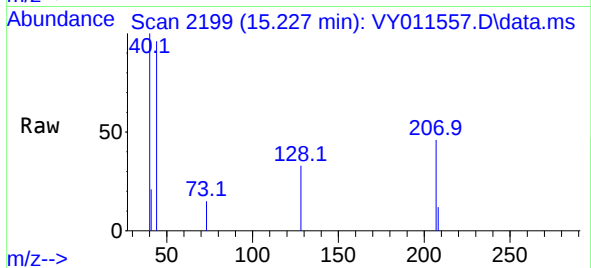
Lab File: VY011557.D

Acq: 22 Nov 2022 18:45

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 101

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

