

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011957.D
 Acq On : 21 Dec 2022 19:18
 Operator : KP/MD
 Sample : N6129-04
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D8

Quant Time: Dec 22 00:15:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

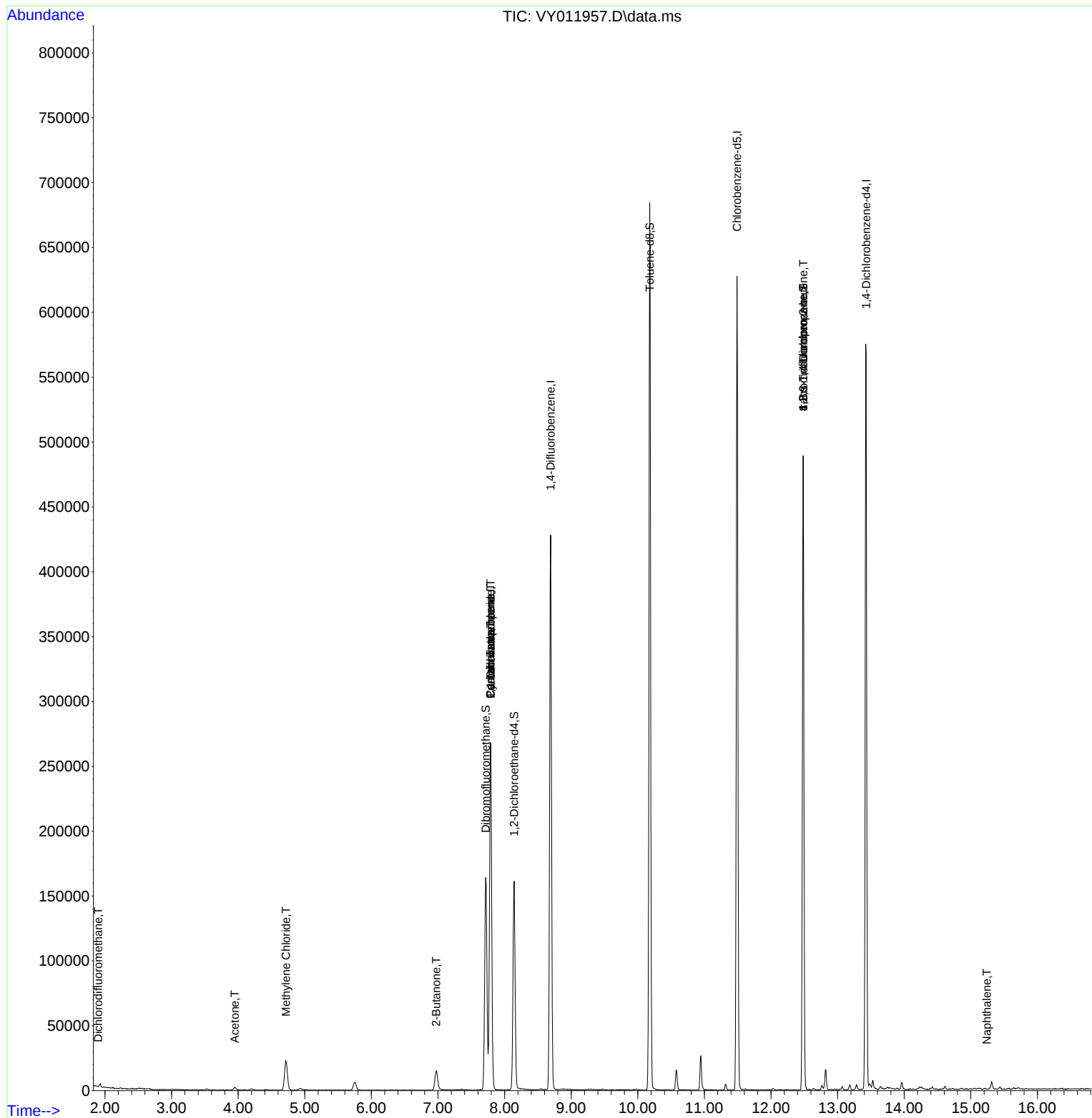
Internal Standards						
1) Pentafluorobenzene	7.789	168	209209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	367704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126695	60.110	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.220%		
35) Dibromofluoromethane	7.716	113	115253	52.064	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.120%		
50) Toluene-d8	10.179	98	447782	49.856	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.720%		
62) 4-Bromofluorobenzene	12.483	95	142145	47.058	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 94.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	81	2.514	ug/l #	41
11) Tert butyl alcohol	4.948	59	1902	Below Cal	#	74
16) Acetone	3.948	43	3763	10.738	ug/l	90
20) Methylene Chloride	4.716	84	18281	1.719	ug/l	97
25) 2-Butanone	6.972	43	758	1.080	ug/l #	46
31) Cyclohexane	7.789	56	4031	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15548	4.379	ug/l #	50
38) Carbon Tetrachloride	7.789	117	20931	5.104	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	73712	38.406	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73712	105.174	ug/l #	13
95) Naphthalene	15.239	128	339	2.835	ug/l #	69

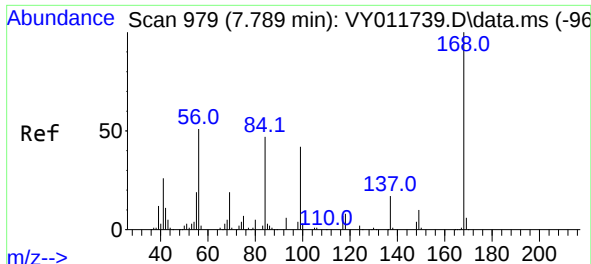
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
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Quant Time: Dec 22 00:15:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
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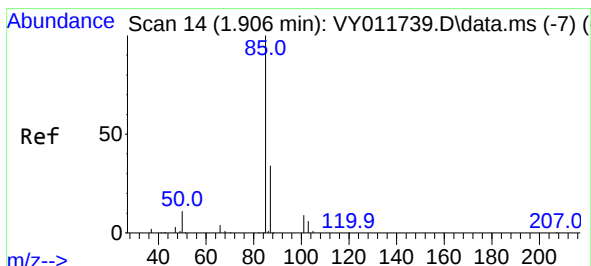
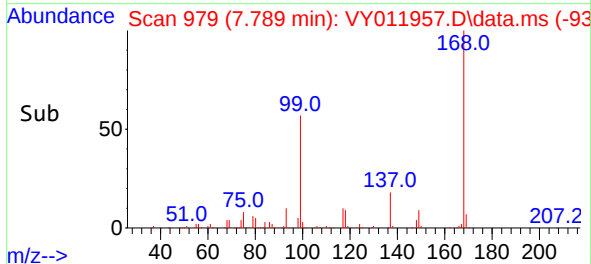
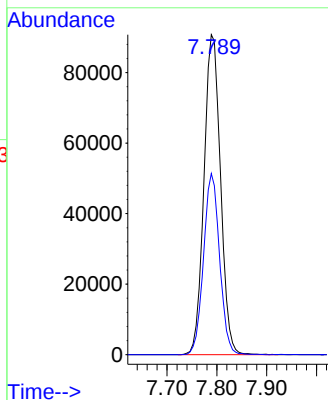
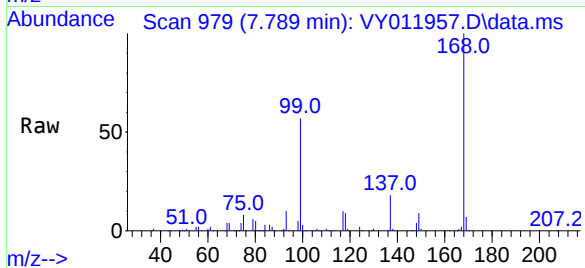




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

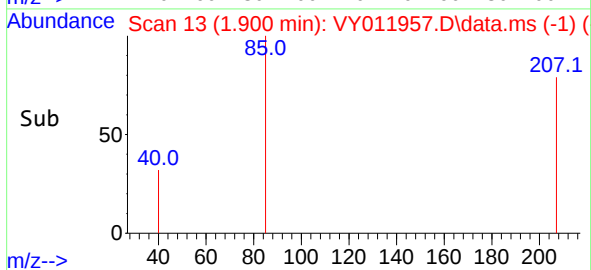
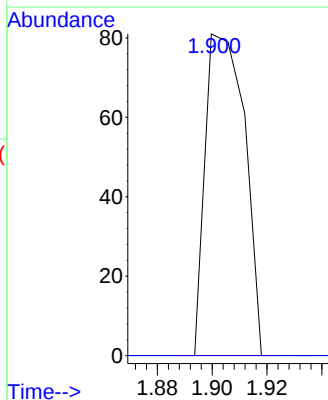
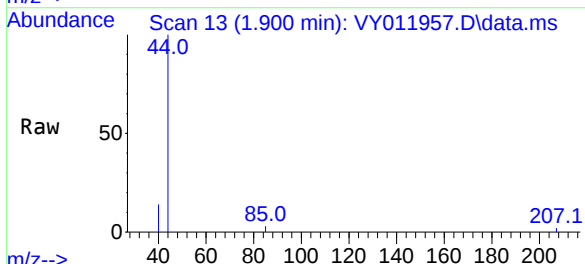
Instrument :
MSVOA_Y
ClientSampleId :
D8

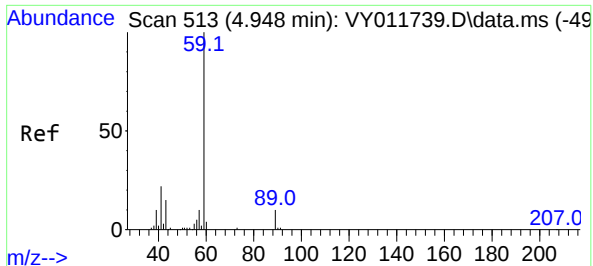
Tgt Ion:168 Resp: 209209
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.514 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

Tgt Ion: 85 Resp: 81
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

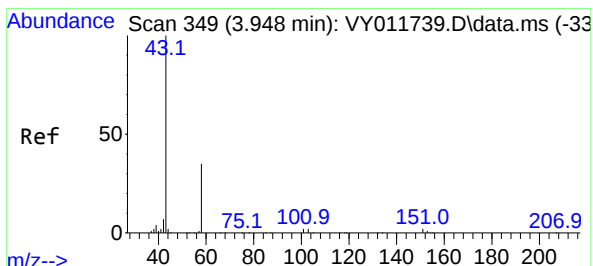
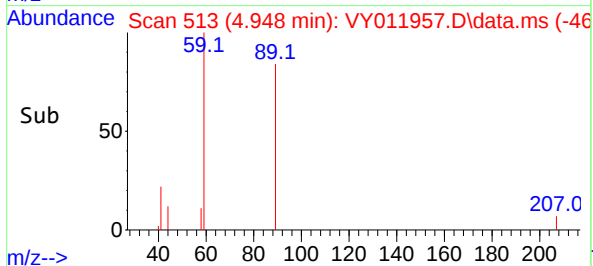
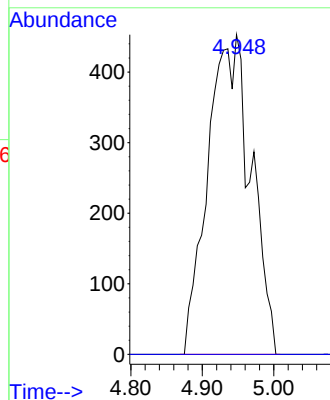
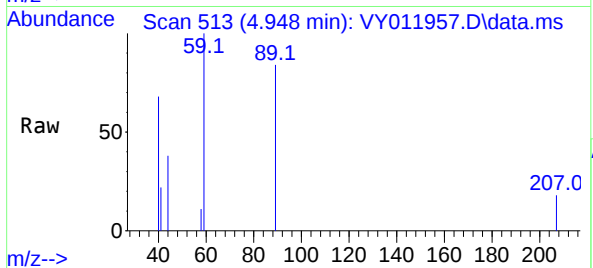




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

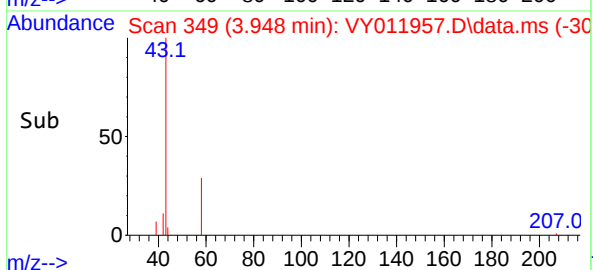
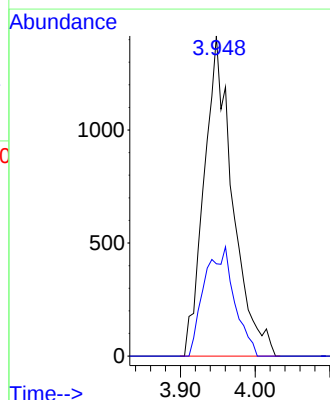
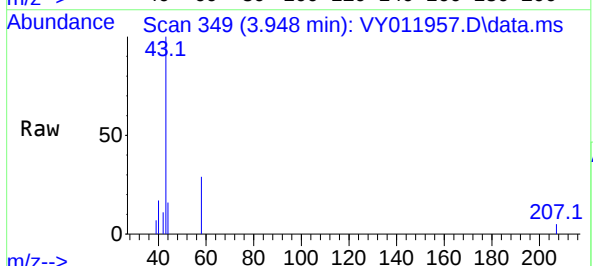
Instrument :
MSVOA_Y
ClientSampleId :
D8

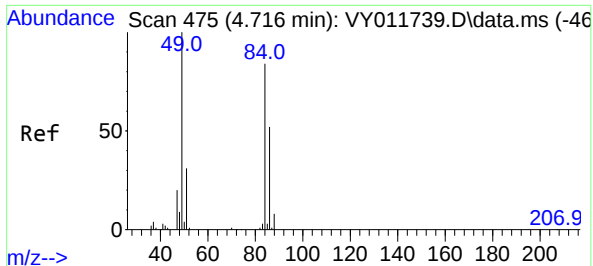
Tgt Ion: 59 Resp: 1902
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 10.738 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

Tgt Ion: 43 Resp: 3763
Ion Ratio Lower Upper
43 100
58 28.8 27.9 41.9



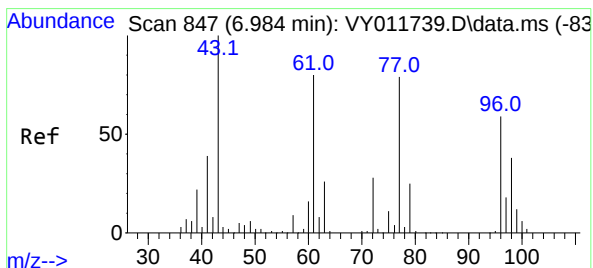
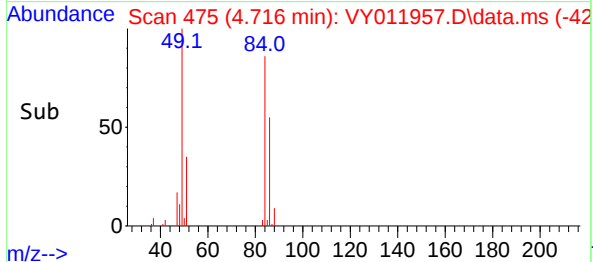
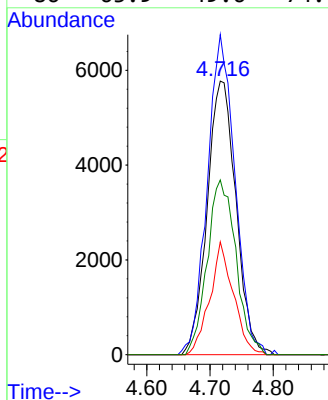
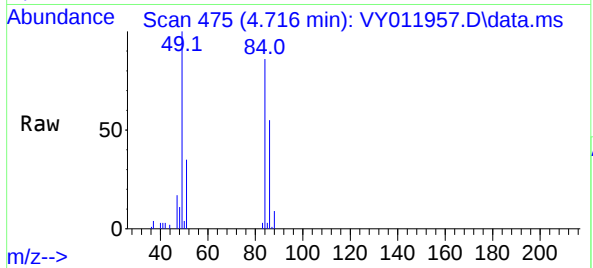


#20
Methylene Chloride
Concen: 1.719 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

Instrument :
MSVOA_Y
ClientSampleId :
D8

Tgt Ion: 84 Resp: 18281

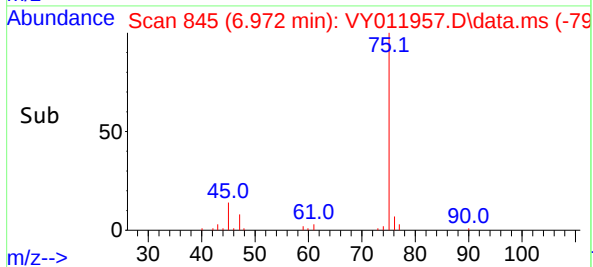
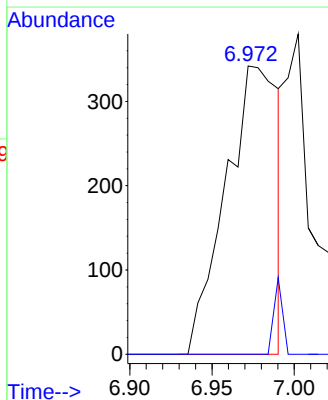
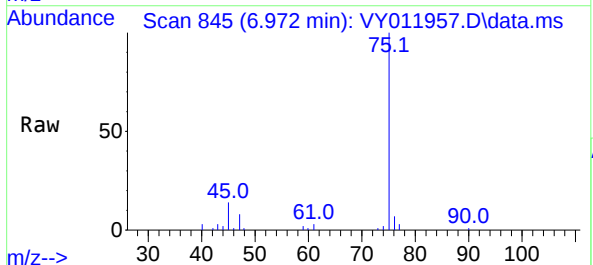
Ion	Ratio	Lower	Upper
84	100		
49	116.9	95.4	143.2
51	41.2	29.9	44.9
86	63.9	49.6	74.4

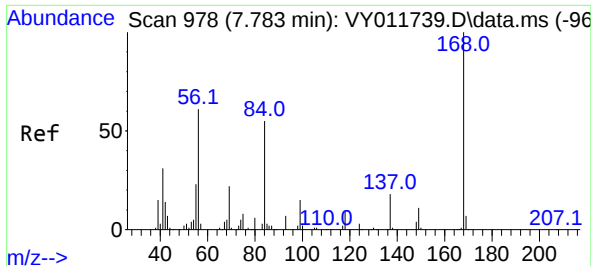


#25
2-Butanone
Concen: 1.080 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

Tgt Ion: 43 Resp: 758

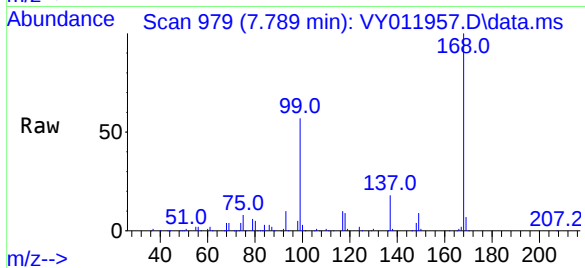
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	34.0#



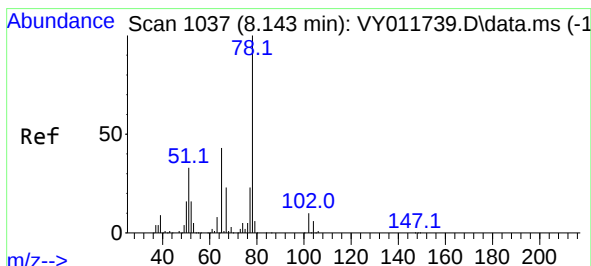
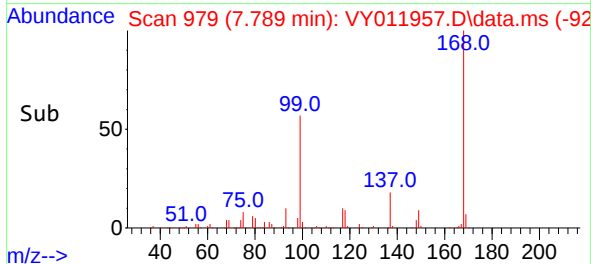
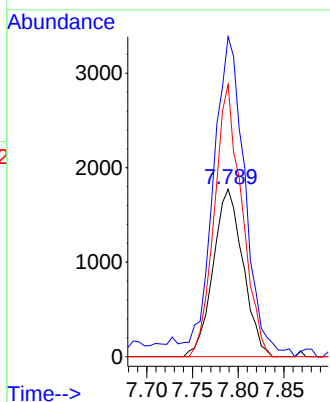


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

Instrument :
MSVOA_Y
ClientSampleId :
D8

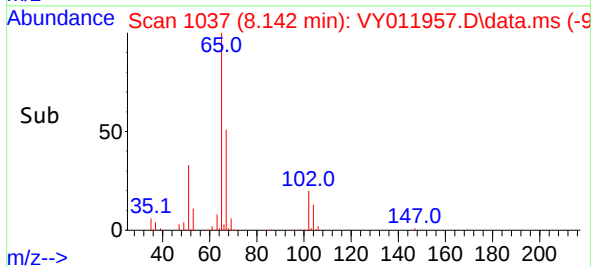
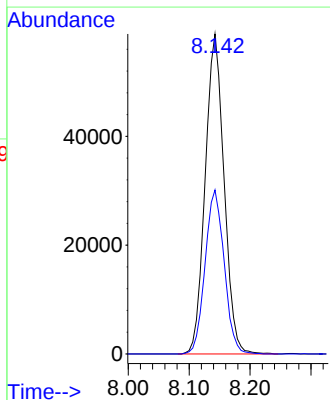
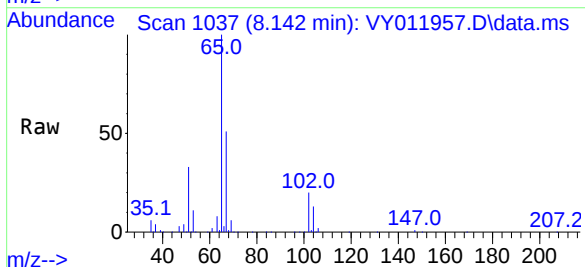


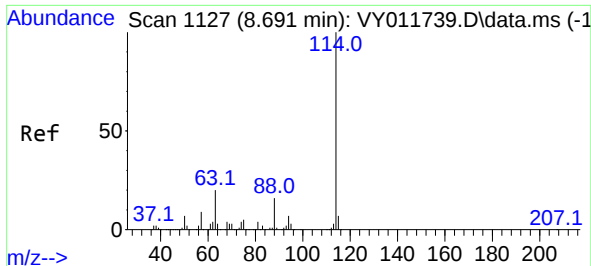
Tgt Ion: 56 Resp: 4031
Ion Ratio Lower Upper
56 100
69 187.1 29.2 43.8#
84 162.6 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 60.110 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

Tgt Ion: 65 Resp: 126695
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011957.D

Acq: 21 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

D8

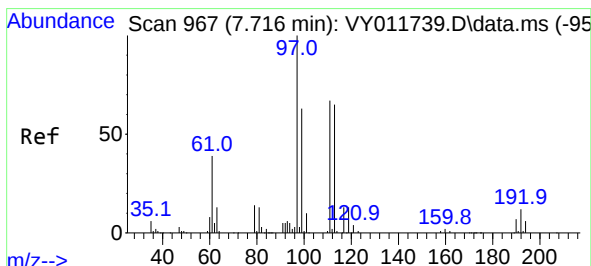
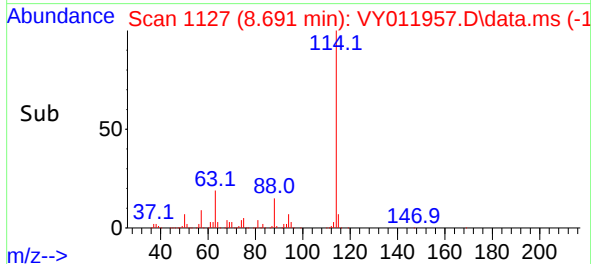
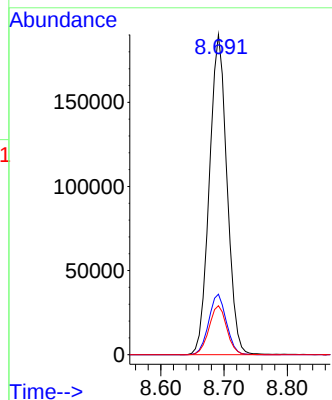
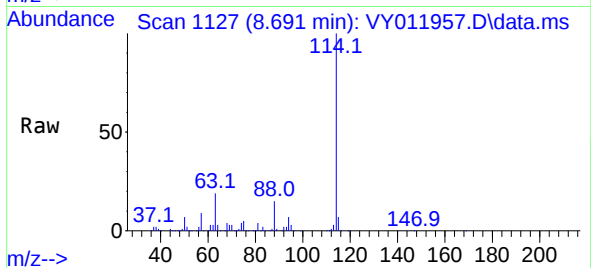
Tgt Ion:114 Resp: 367704

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.064 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011957.D

Acq: 21 Dec 2022 19:18

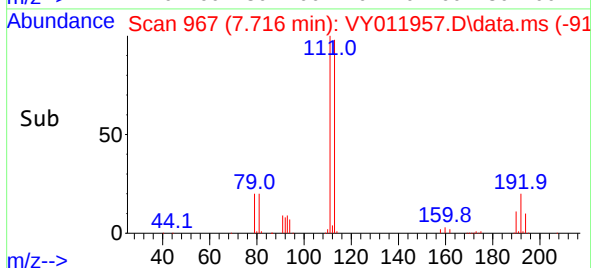
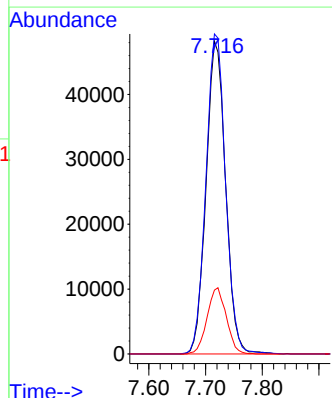
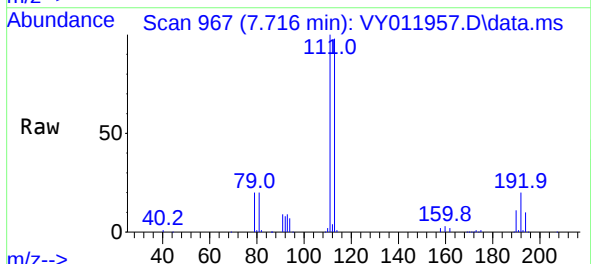
Tgt Ion:113 Resp: 115253

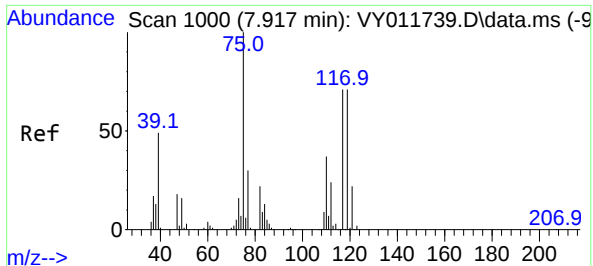
Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 20.9 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.379 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011957.D

Acq: 21 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

D8

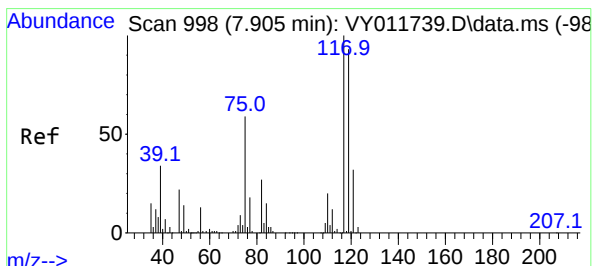
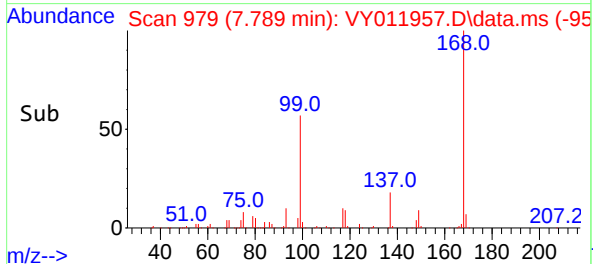
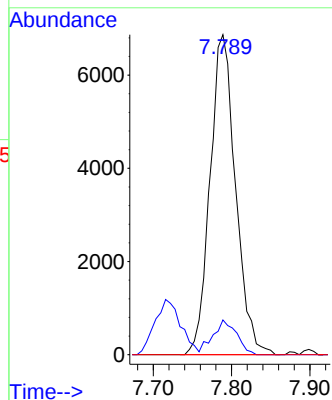
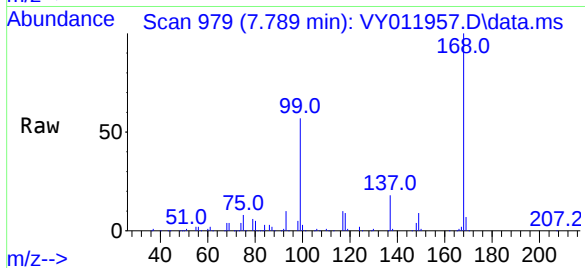
Tgt Ion: 75 Resp: 15548

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.104 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011957.D

Acq: 21 Dec 2022 19:18

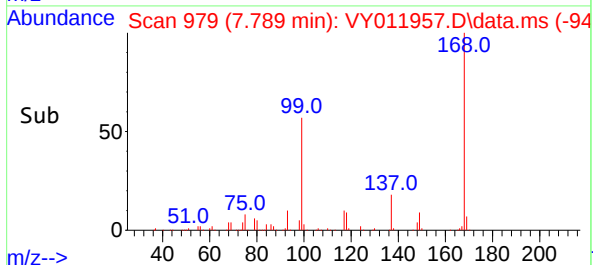
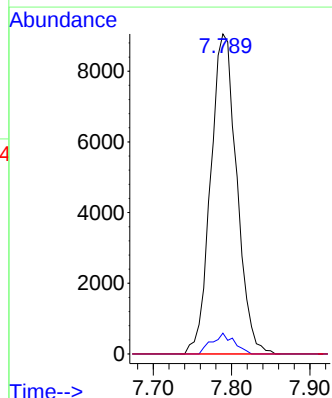
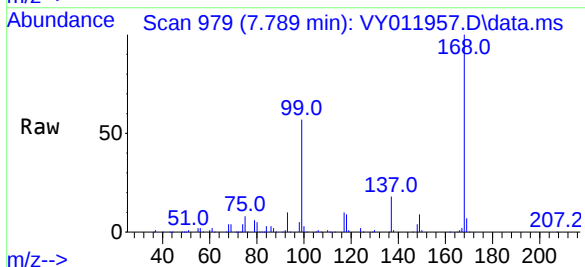
Tgt Ion: 117 Resp: 20931

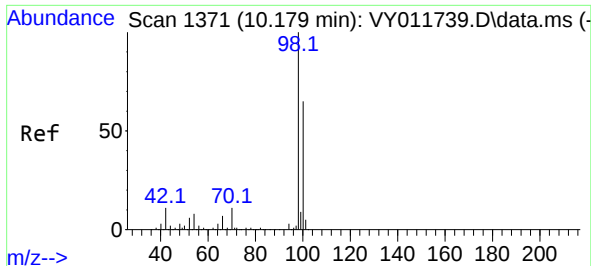
Ion Ratio Lower Upper

117 100

119 6.5 73.8 110.8#

121 0.0 25.2 37.8#

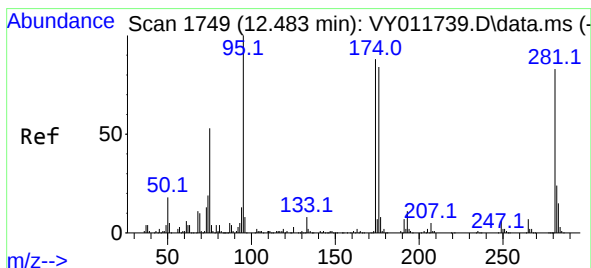
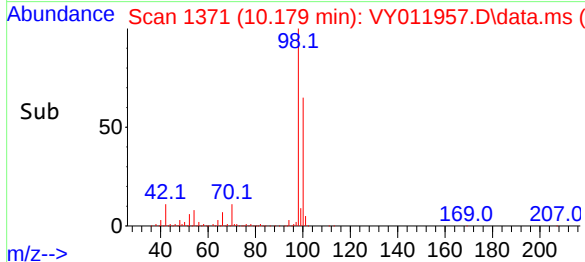
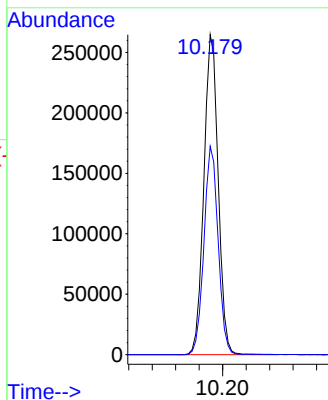
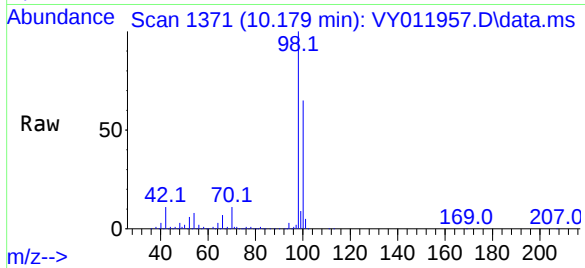




#50
Toluene-d8
Concen: 49.856 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

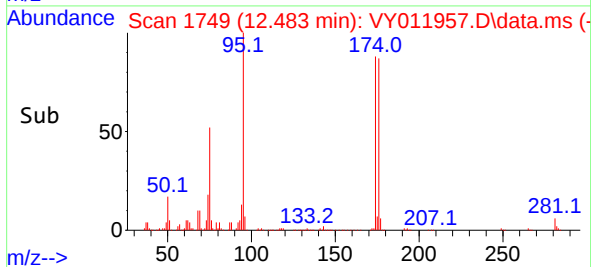
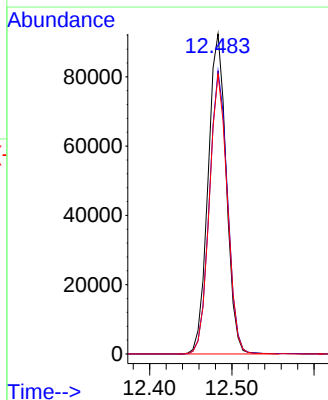
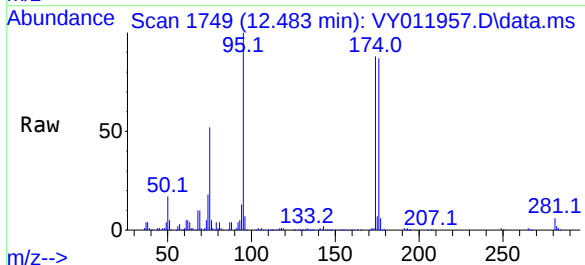
Instrument :
MSVOA_Y
ClientSampleId :
D8

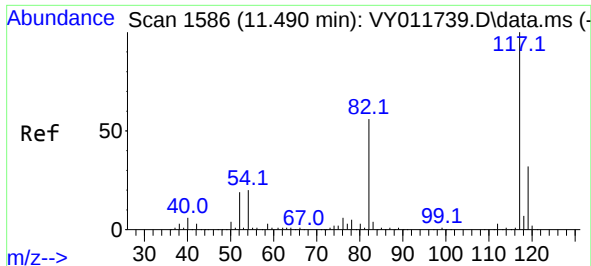
Tgt Ion: 98 Resp: 447782
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

Tgt Ion: 95 Resp: 142145
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.0
176 86.2 0.0 167.6

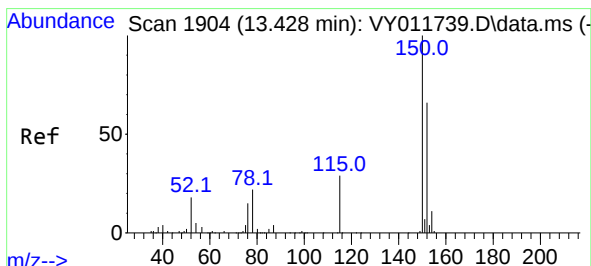
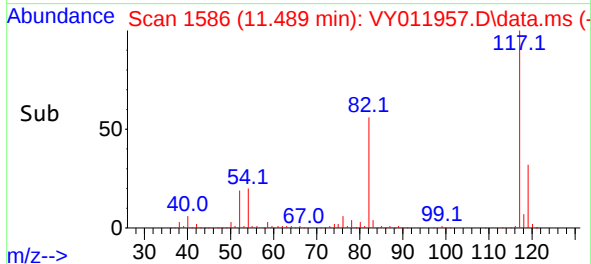
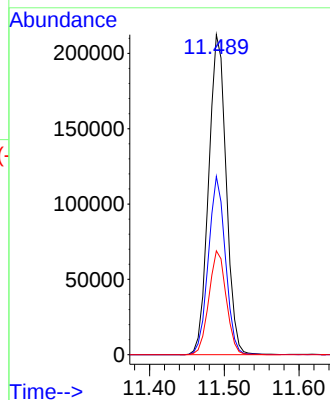
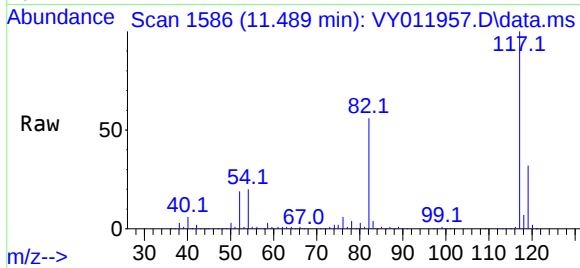




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

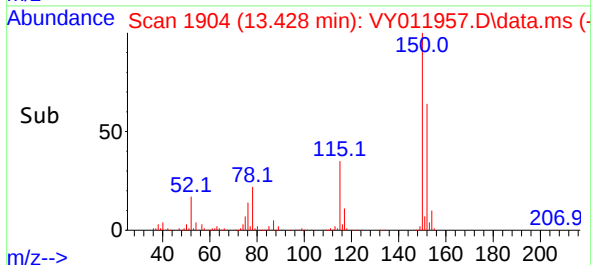
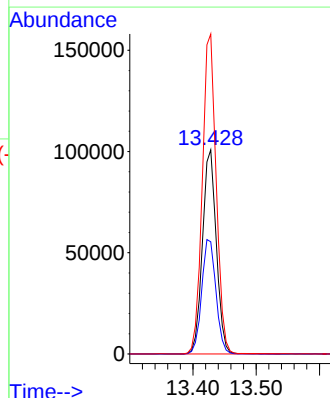
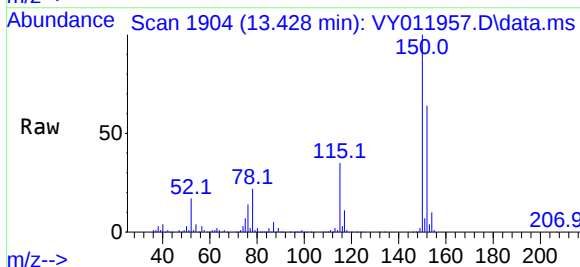
Instrument :
MSVOA_Y
ClientSampleId :
D8

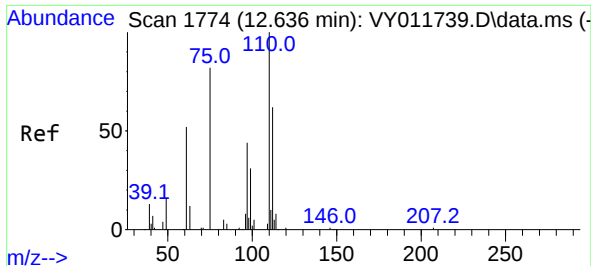
Tgt Ion:117 Resp: 346603
Ion Ratio Lower Upper
117 100
82 55.7 44.8 67.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

Tgt Ion:152 Resp: 154243
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 156.6 0.0 342.6

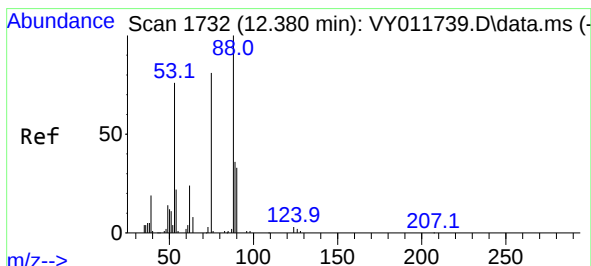
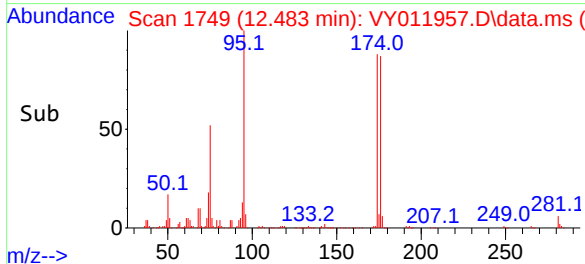
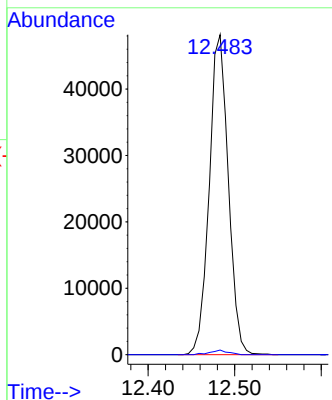
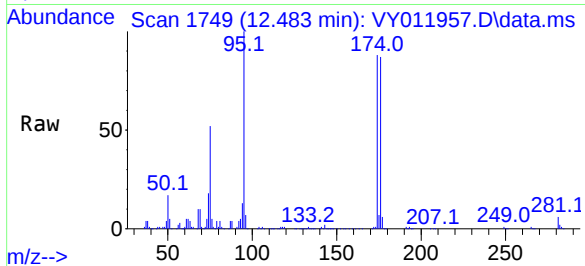




#76
1,2,3-Trichloropropane
Concen: 38.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

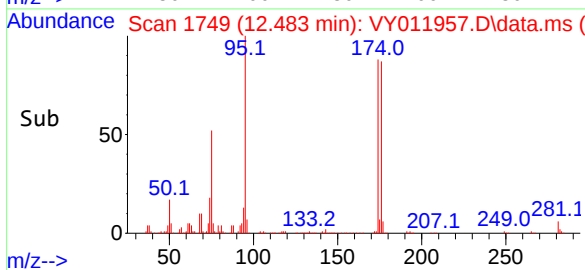
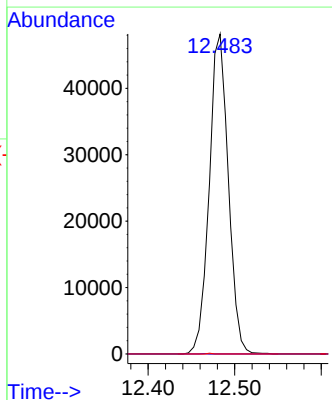
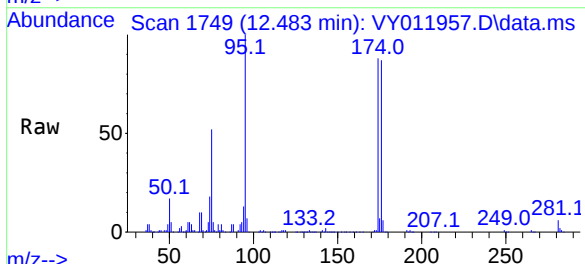
Instrument :
MSVOA_Y
ClientSampleId :
D8

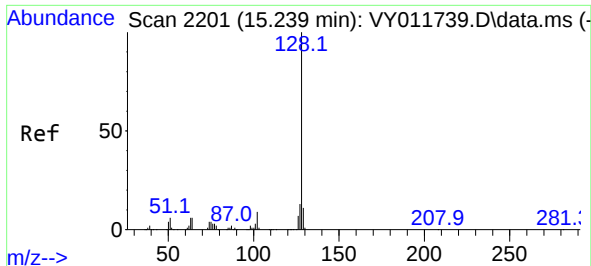
Tgt Ion: 75 Resp: 73712
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011957.D
Acq: 21 Dec 2022 19:18

Tgt Ion: 75 Resp: 73712
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 2.835 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011957.D

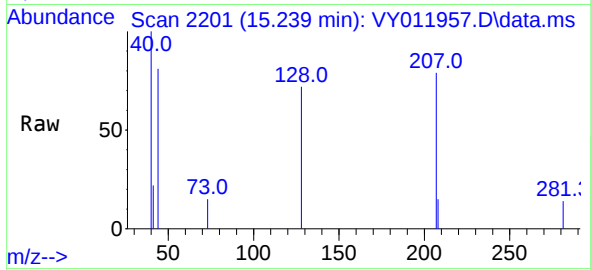
Acq: 21 Dec 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

D8



Tgt Ion:128 Resp: 339

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.8 13.2#

