

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011977.D
 Acq On : 22 Dec 2022 16:12
 Operator : KP/MD
 Sample : N6163-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-122022RE

Quant Time: Dec 23 04:32:46 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)

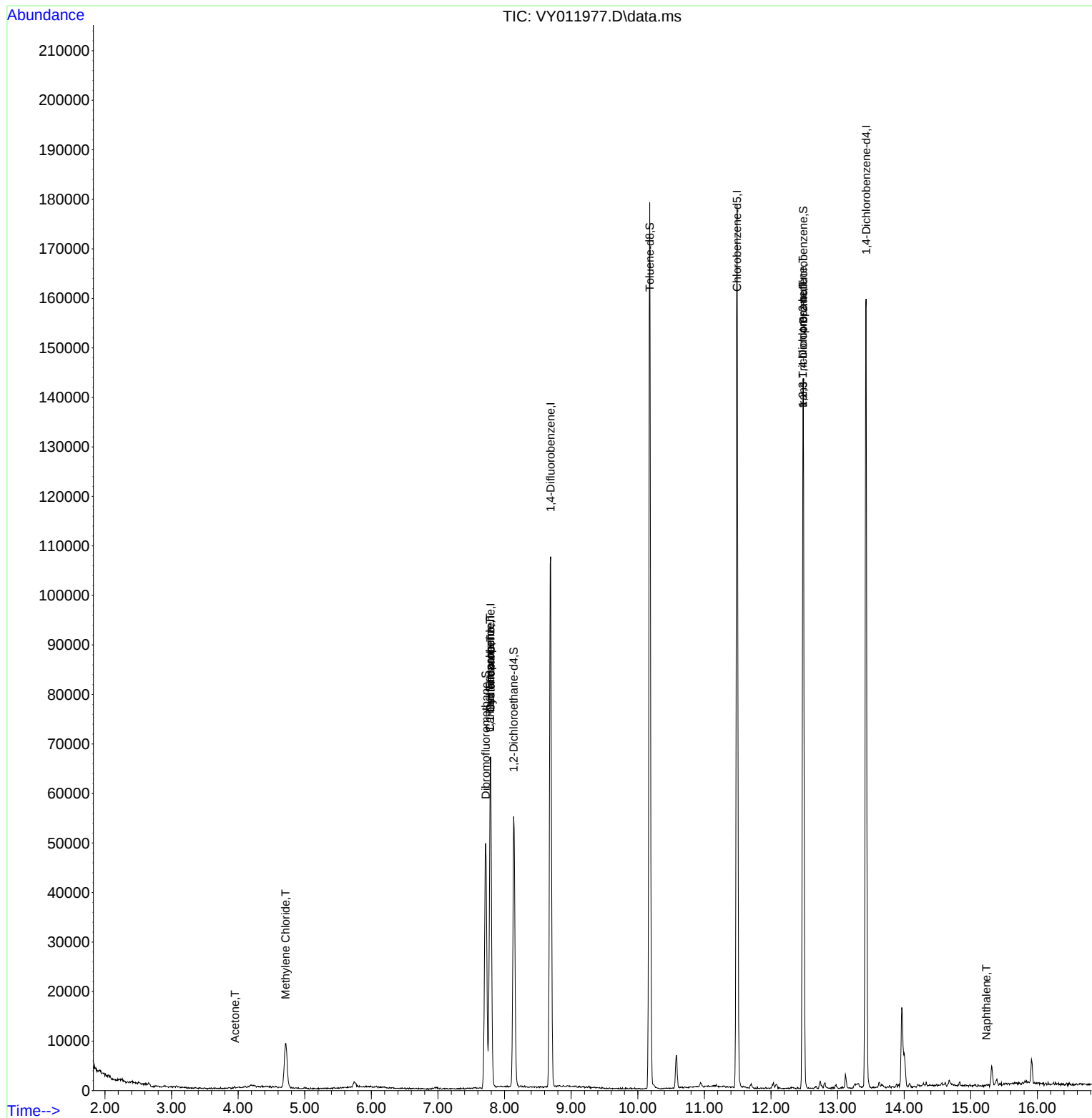
Internal Standards						
1) Pentafluorobenzene	7.789	168	51822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	95260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	99198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	43182	82.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.420%#	
35) Dibromofluoromethane	7.716	113	35322	61.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.180%	
50) Toluene-d8	10.179	98	118958	51.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.483	95	40435	51.671	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.340%	
Target Compounds						Qvalue
16) Acetone	3.954	43	241	6.390	ug/l #	40
20) Methylene Chloride	4.710	84	7164	6.708	ug/l	94
31) Cyclohexane	7.789	56	912	1.038	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	3548	3.857	ug/l #	50
38) Carbon Tetrachloride	7.783	117	4973	4.681	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	20885	37.880	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20885	103.736	ug/l #	13
95) Naphthalene	15.233	128	208	2.899	ug/l #	69

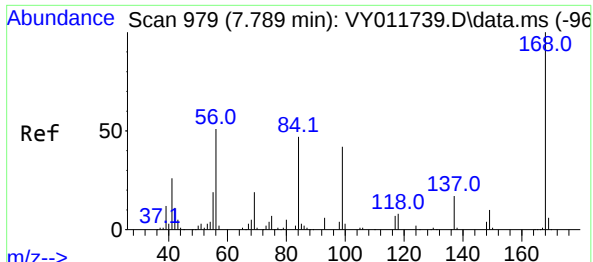
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TR-06-122022RE

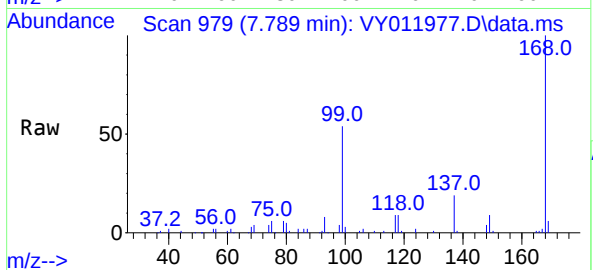
Quant Time: Dec 23 04:32:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
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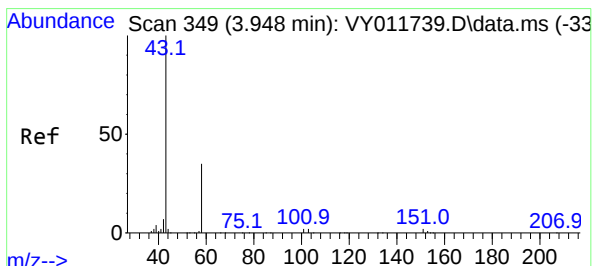
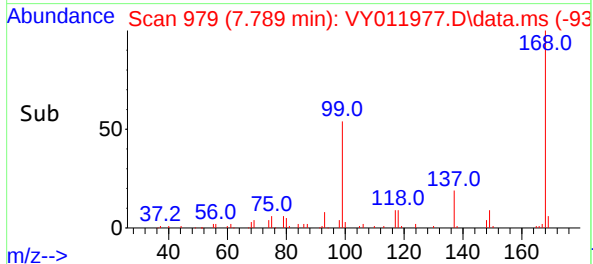
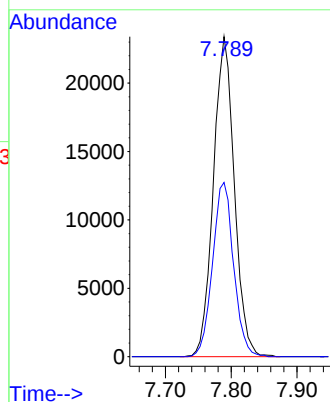


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022RE

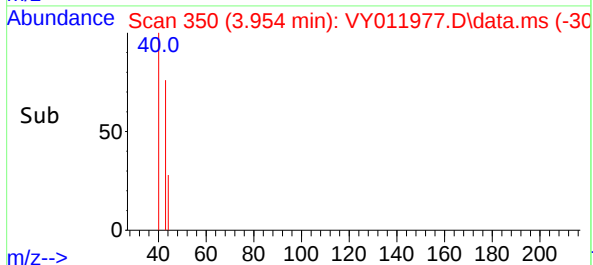
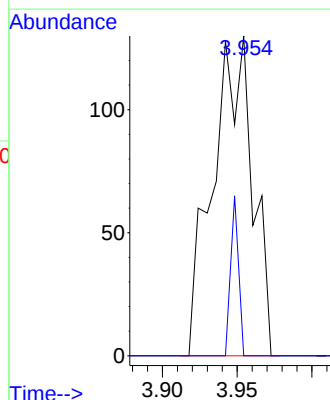
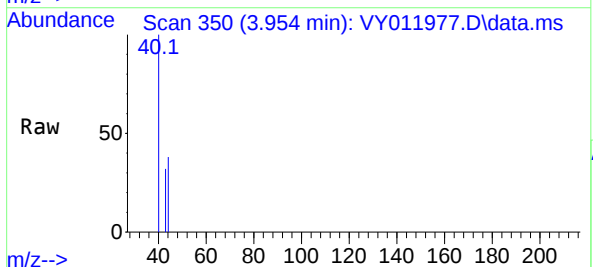


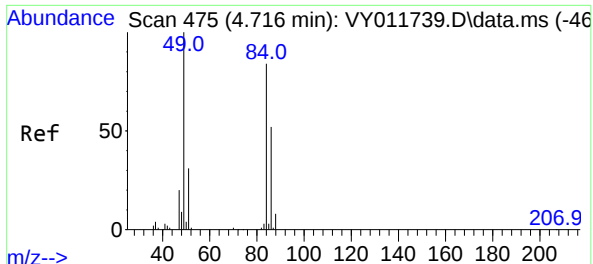
Tgt Ion:168 Resp: 51822
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#16
Acetone
Concen: 6.390 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



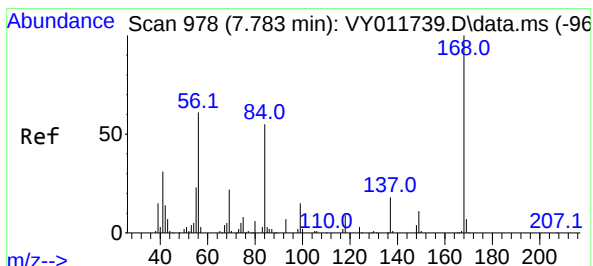
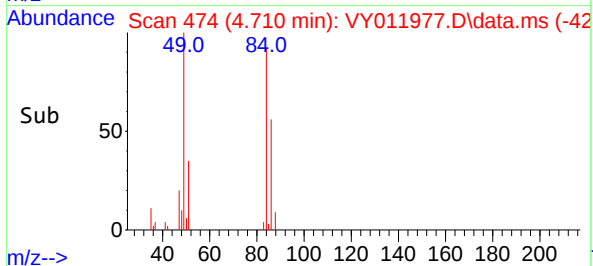
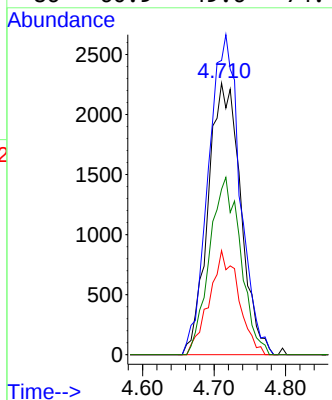
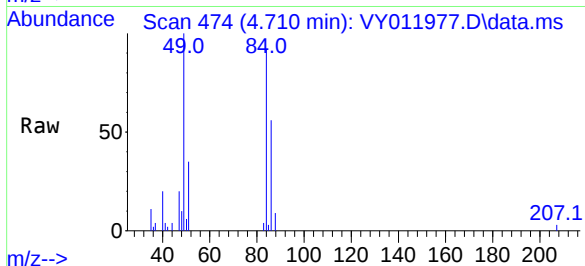


#20
Methylene Chloride
Concen: 6.708 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022RE

Tgt Ion: 84 Resp: 7164

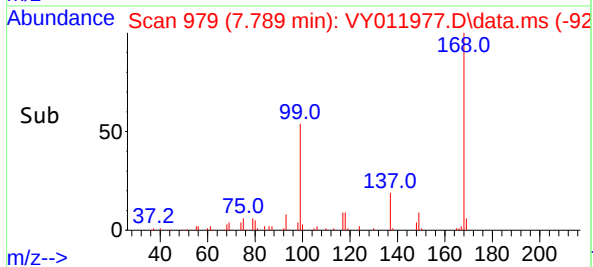
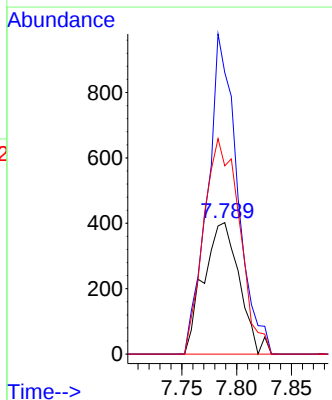
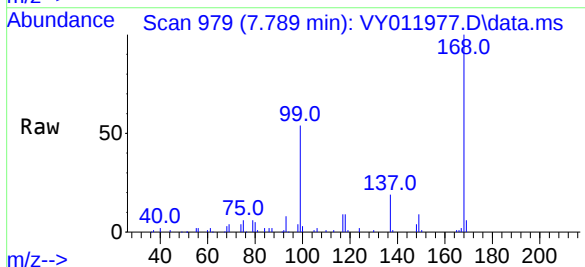
Ion	Ratio	Lower	Upper
84	100		
49	108.4	95.4	143.2
51	38.3	29.9	44.9
86	60.9	49.6	74.4

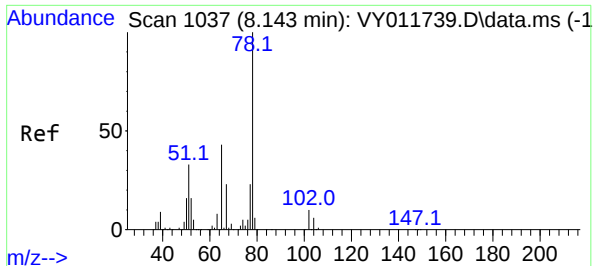


#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion: 56 Resp: 912

Ion	Ratio	Lower	Upper
56	100		
69	214.2	29.2	43.8#
84	143.3	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 82.709 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY011977.D

Acq: 22 Dec 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

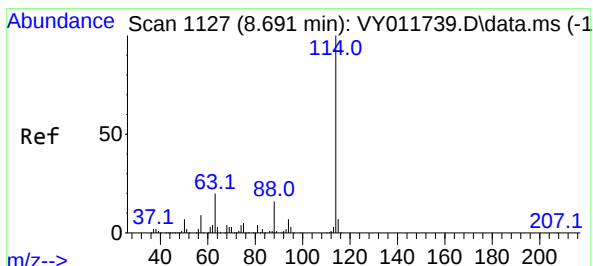
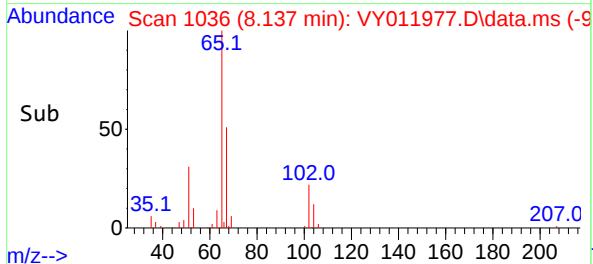
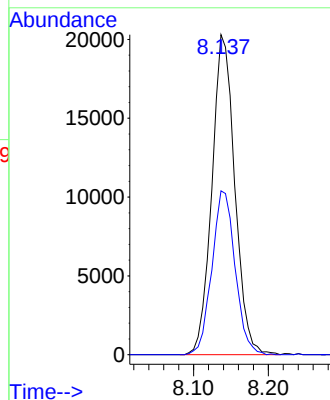
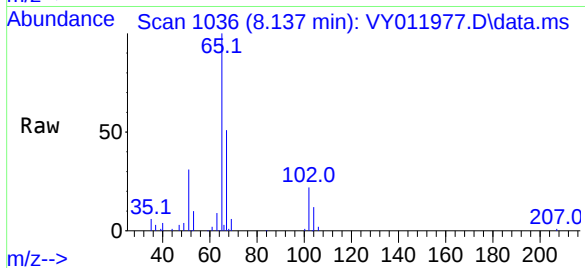
TR-06-122022RE

Tgt Ion: 65 Resp: 43182

Ion Ratio Lower Upper

65 100

67 51.9 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: VY011977.D

Acq: 22 Dec 2022 16:12

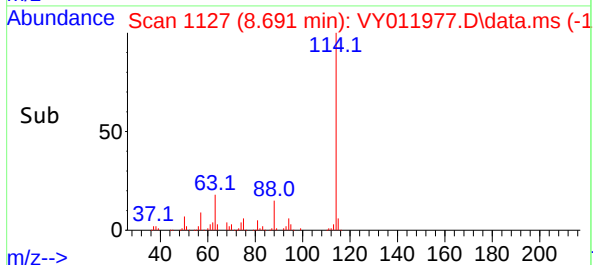
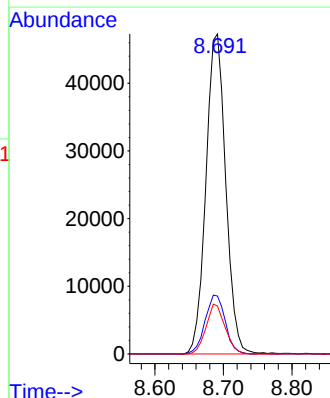
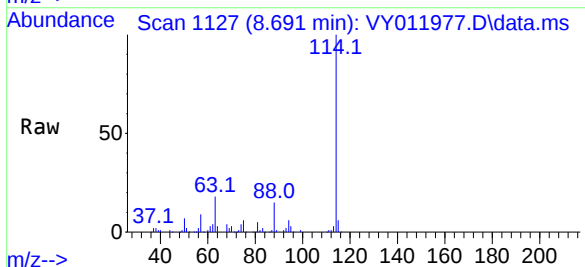
Tgt Ion: 114 Resp: 95260

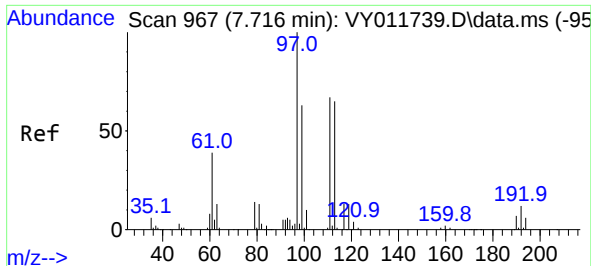
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.0 0.0 32.2

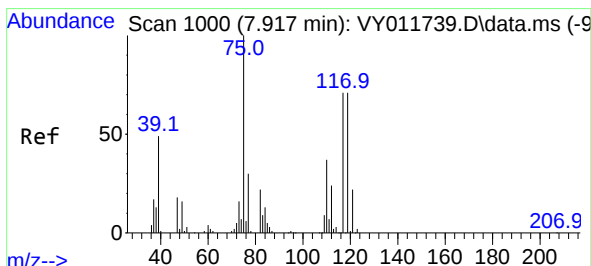
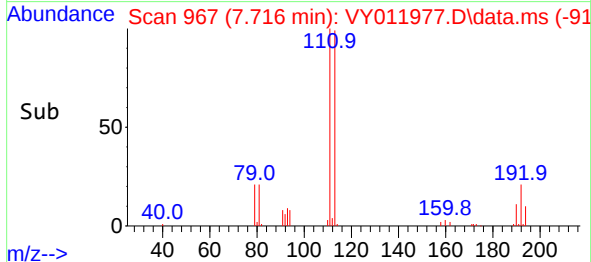
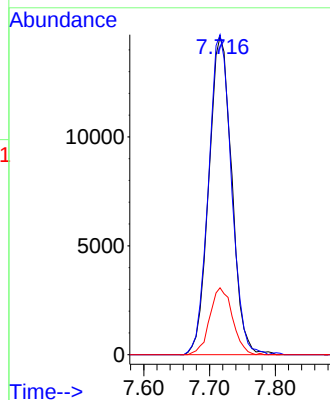
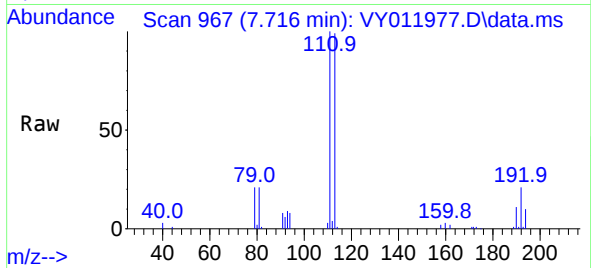




#35
Dibromofluoromethane
Concen: 61.591 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

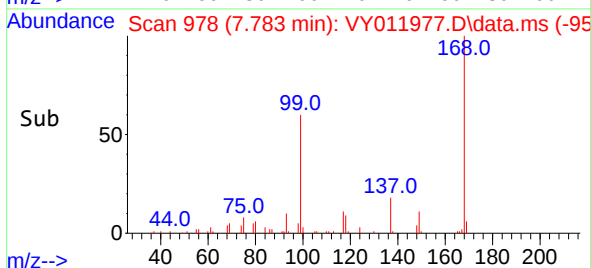
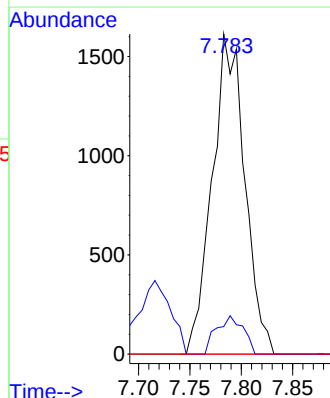
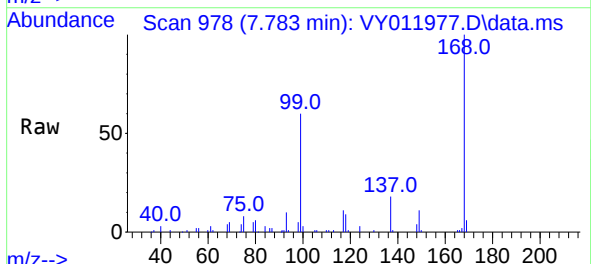
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022RE

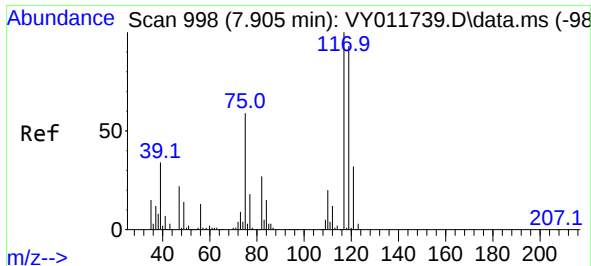
Tgt Ion:113 Resp: 35322
Ion Ratio Lower Upper
113 100
111 100.7 83.0 124.4
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 3.857 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion: 75 Resp: 3548
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.0 25.1 37.7#

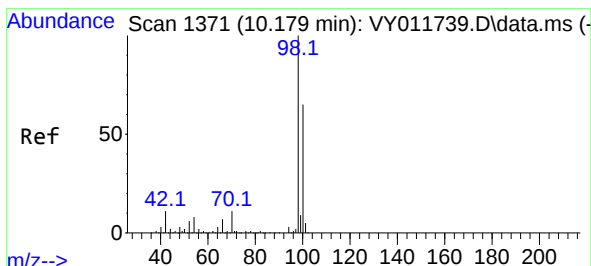
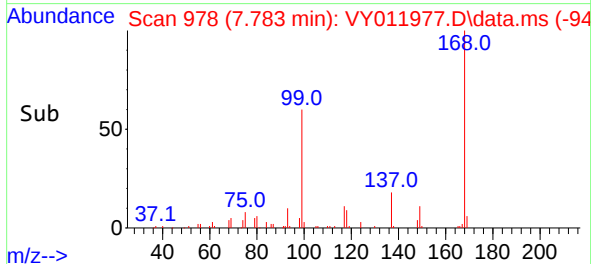
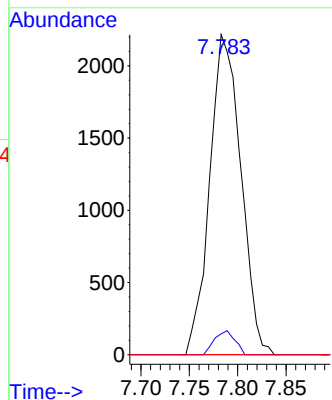
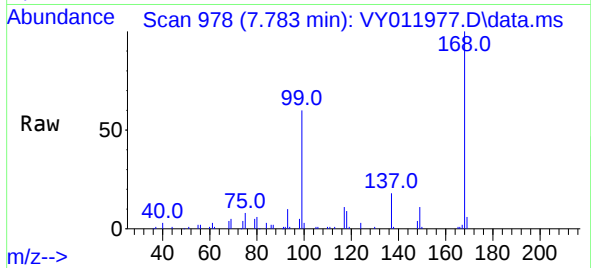




#38
Carbon Tetrachloride
Concen: 4.681 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

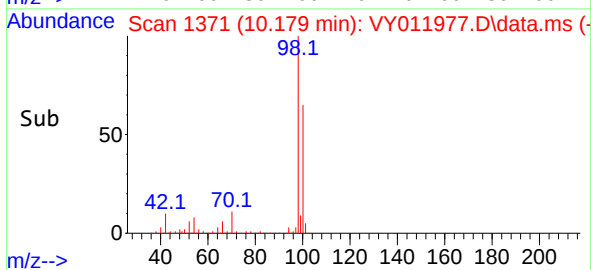
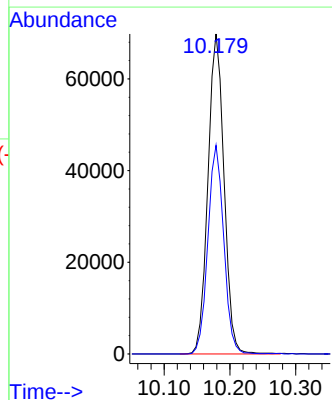
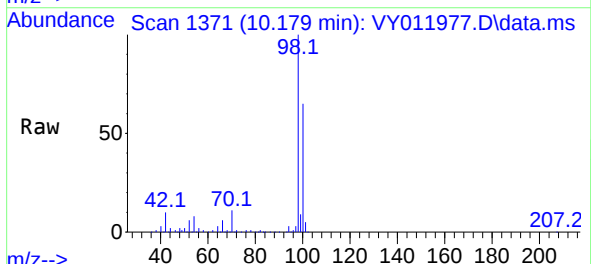
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022RE

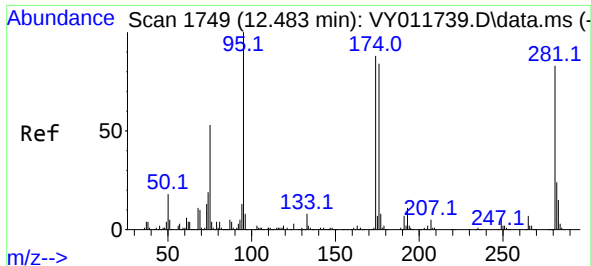
Tgt Ion:117 Resp: 4973
Ion Ratio Lower Upper
117 100
119 6.5 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 51.125 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion: 98 Resp: 118958
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

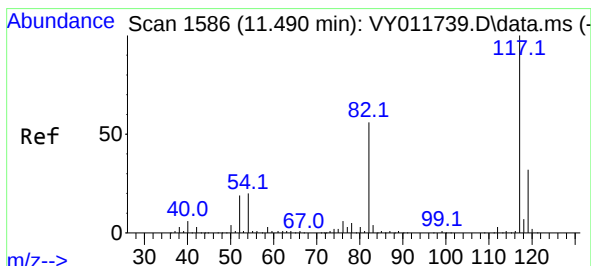
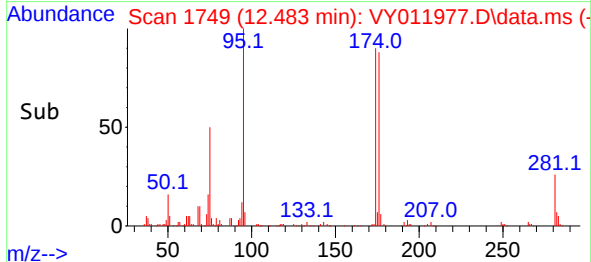
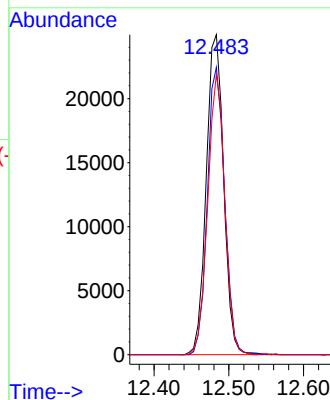
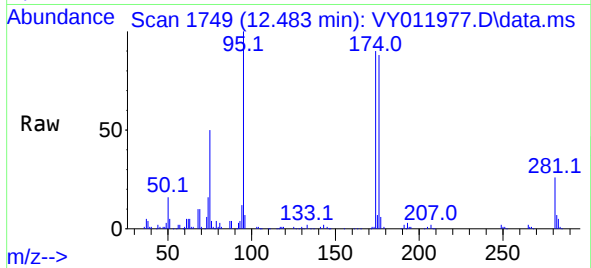




#62
4-Bromofluorobenzene
Concen: 51.671 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

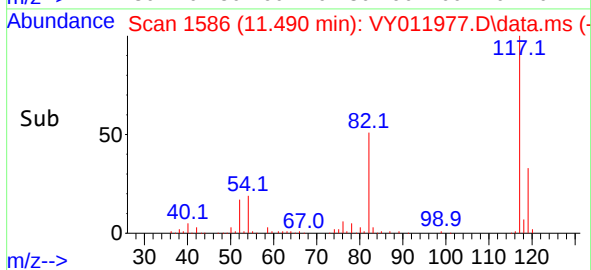
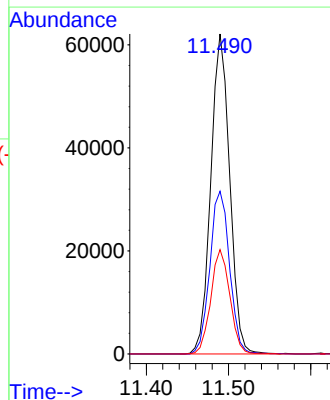
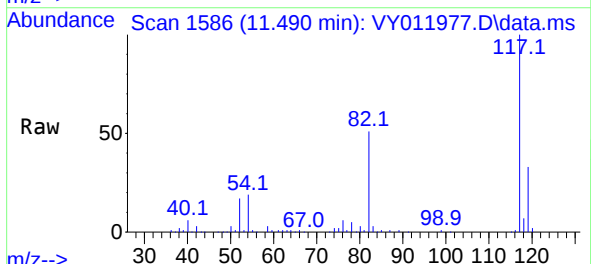
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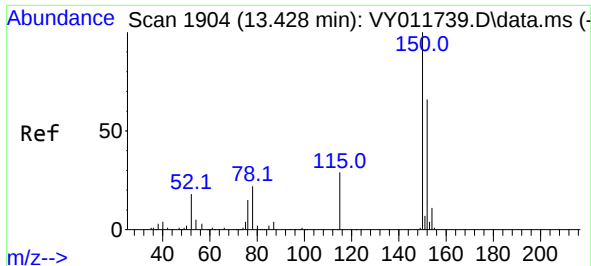
Tgt Ion: 95	Resp: 40435
Ion Ratio	Lower Upper
95 100	
174 88.9	0.0 172.0
176 85.9	0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion:117	Resp: 99198
Ion Ratio	Lower Upper
117 100	
82 50.8	44.8 67.2
119 32.6	25.4 38.2

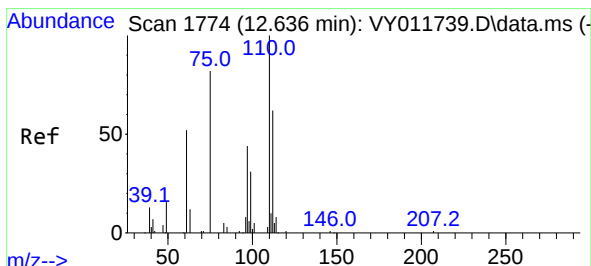
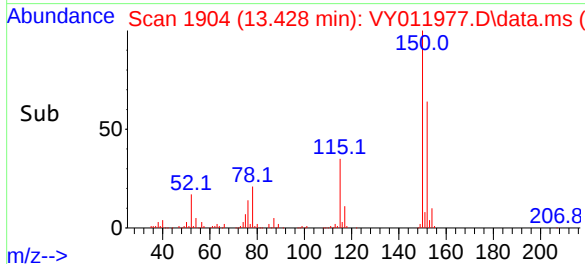
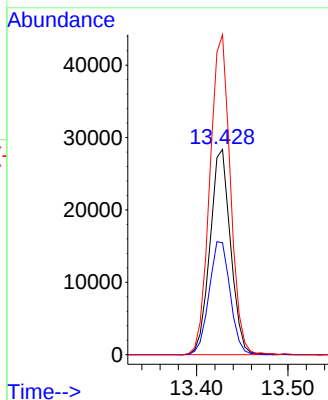
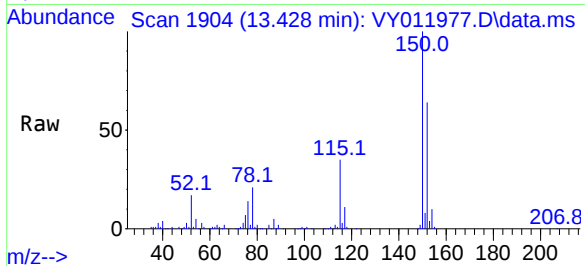




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

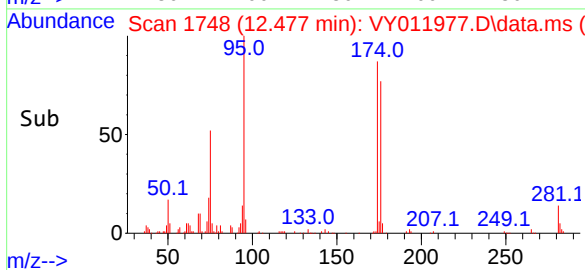
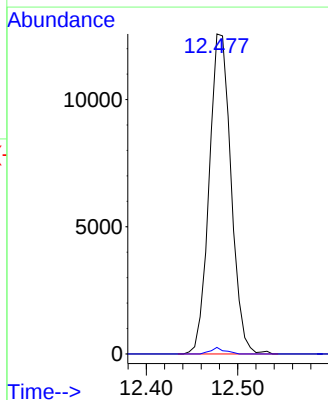
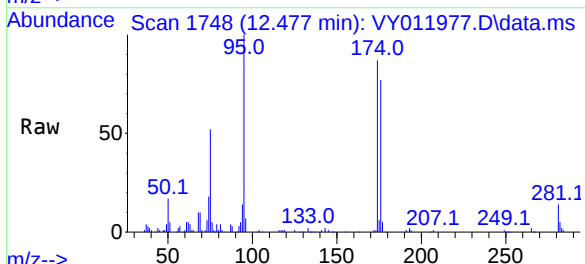
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022RE

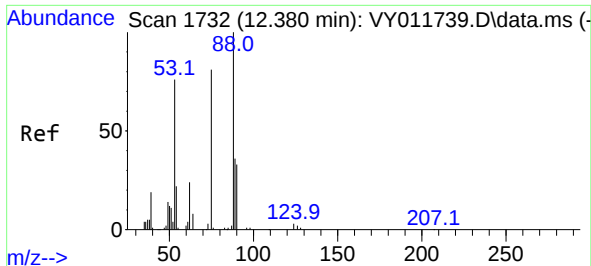
Tgt Ion:152 Resp: 44308
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.3
150 155.2 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 37.880 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion: 75 Resp: 20885
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

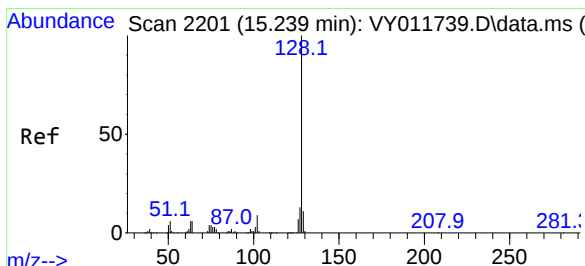
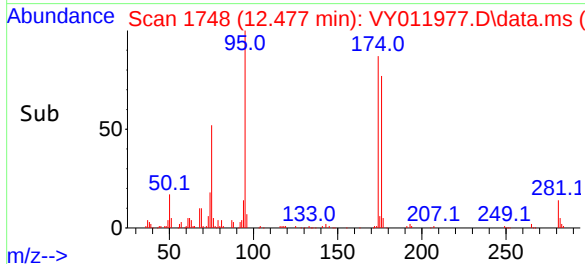
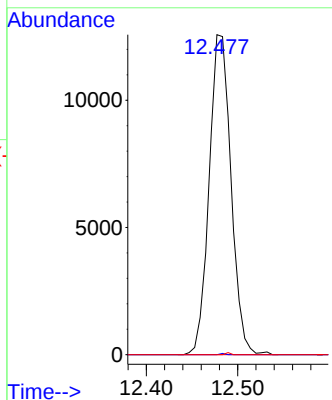
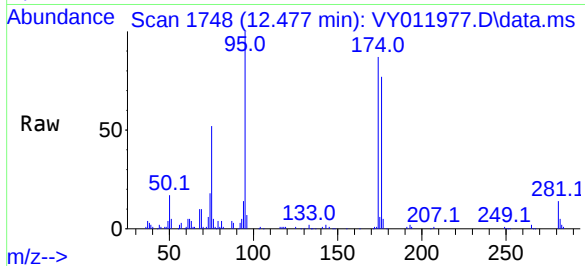




#81
trans-1,4-Dichloro-2-butene
Concen: 103.736 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022RE

Tgt Ion: 75 Resp: 20885
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 2.899 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion:128 Resp: 208
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

