

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008650.D
 Acq On : 05 May 2022 07:08
 Operator : KP/MD
 Sample : N2665-13
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9,12

Quant Time: May 05 07:50:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

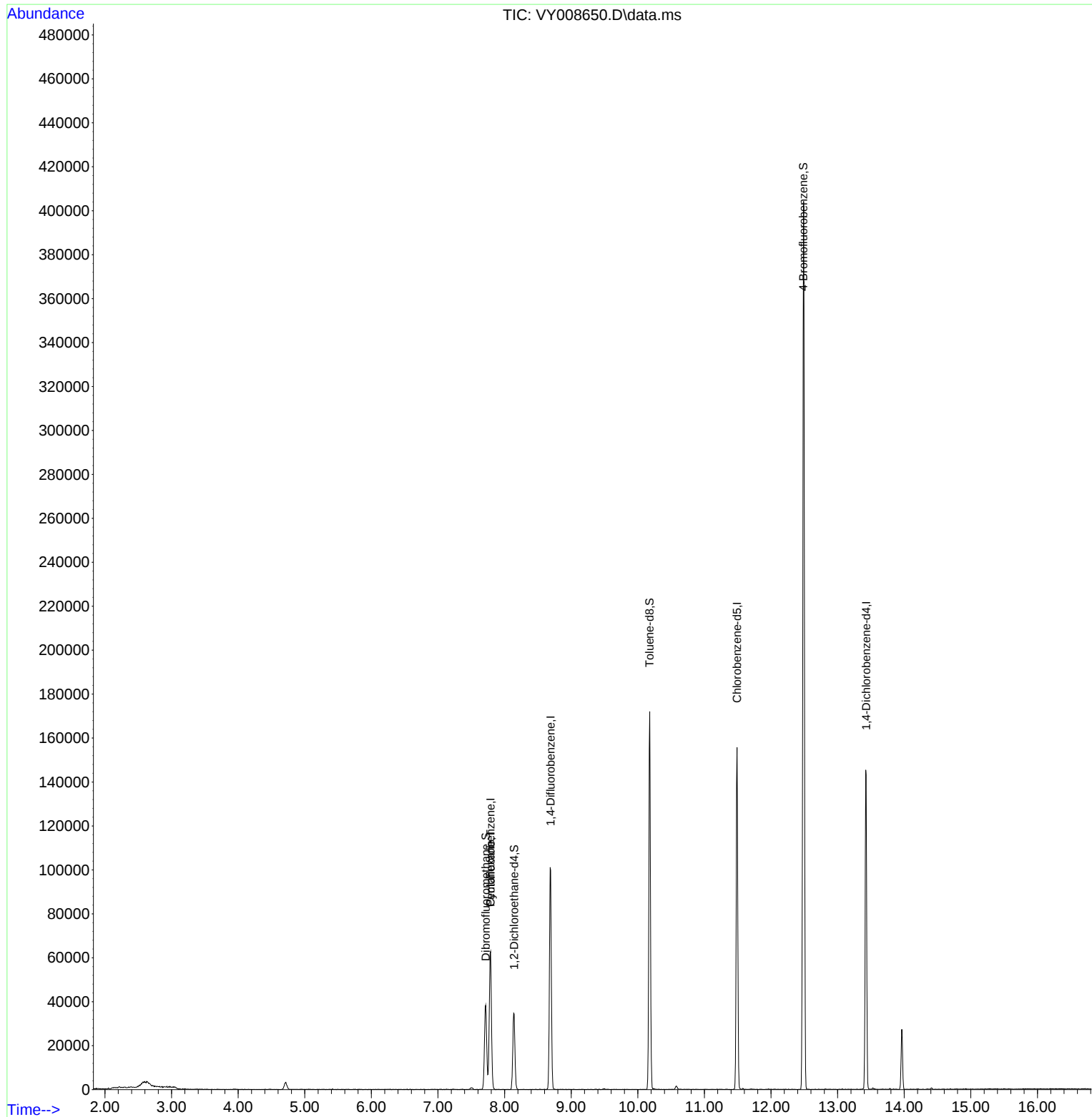
Internal Standards						
1) Pentafluorobenzene	7.789	168	48897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	84560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27213	57.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.520%
35) Dibromofluoromethane	7.716	113	26704	45.650	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.300%
50) Toluene-d8	10.179	98	109618	52.893	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.483	95	36699	48.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.620%
Target Compounds						Qvalue
31) Cyclohexane	7.789	56	1187	1.447	ug/l	# 38

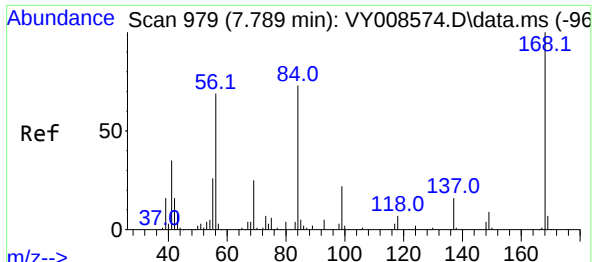
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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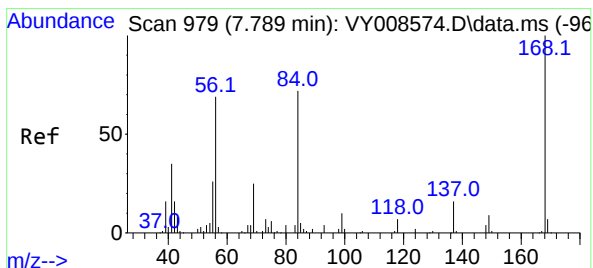
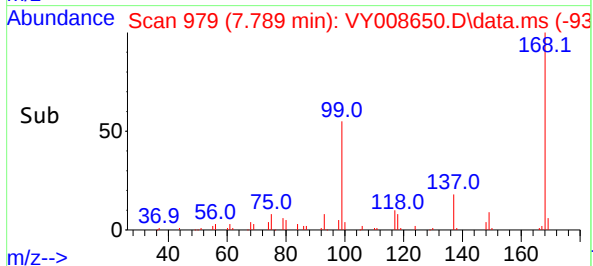
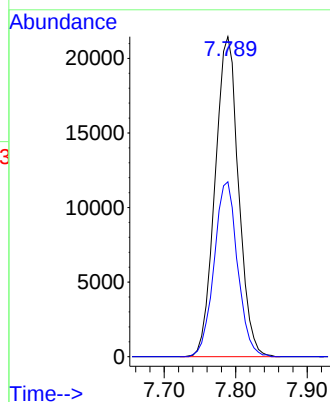
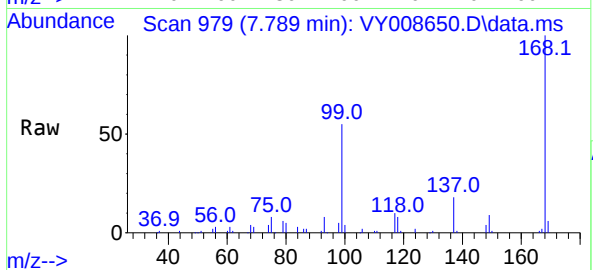




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008650.D
Acq: 05 May 2022 07:08

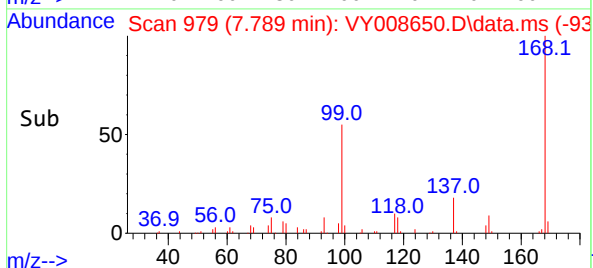
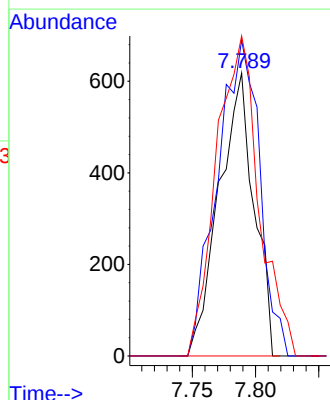
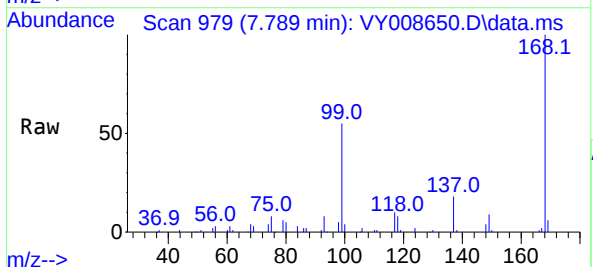
Instrument :
MSVOA_Y
ClientSampleId :
SB-9,12

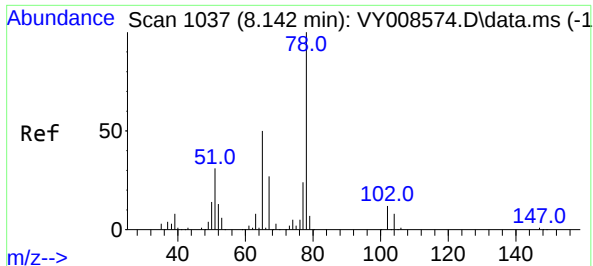
Tgt Ion:168 Resp: 48897
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#31
Cyclohexane
Concen: 1.447 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY008650.D
Acq: 05 May 2022 07:08

Tgt Ion: 56 Resp: 1187
Ion Ratio Lower Upper
56 100
69 111.7 26.7 40.1#
84 113.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.261 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY008650.D

Acq: 05 May 2022 07:08

Instrument :

MSVOA_Y

ClientSampleId :

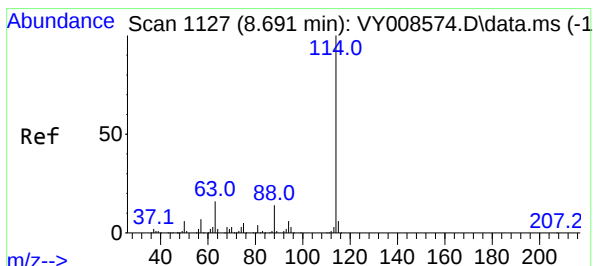
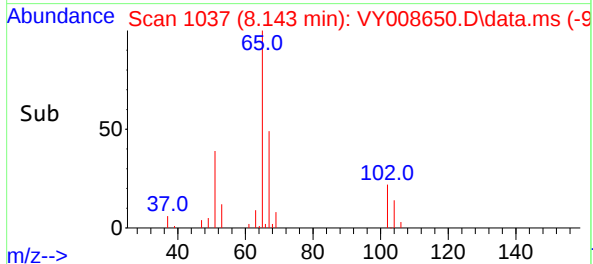
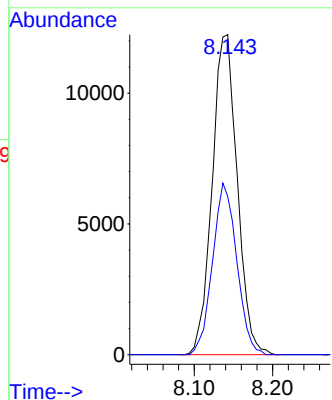
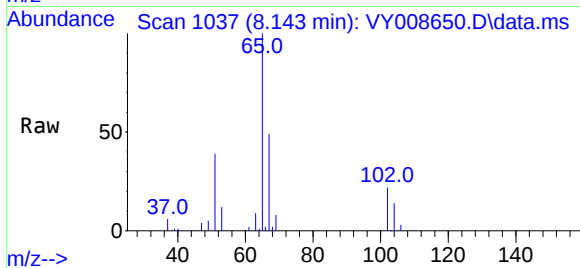
SB-9,12

Tgt Ion: 65 Resp: 27213

Ion Ratio Lower Upper

65 100

67 51.7 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: VY008650.D

Acq: 05 May 2022 07:08

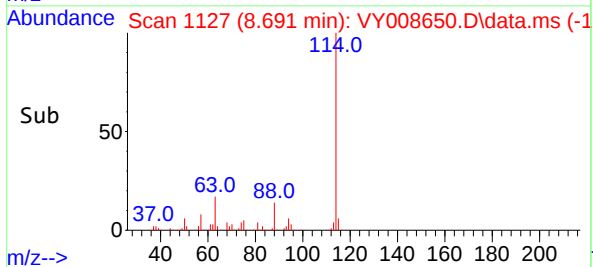
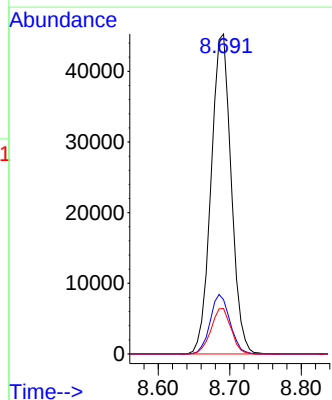
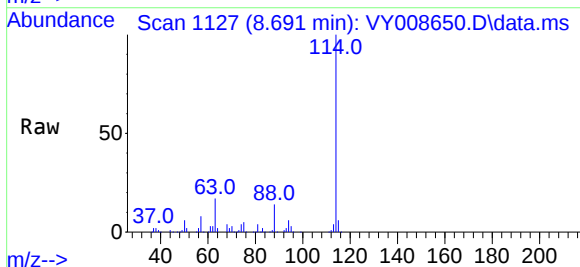
Tgt Ion: 114 Resp: 88404

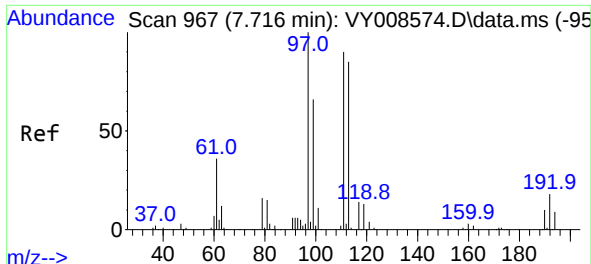
Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.2 0.0 31.8

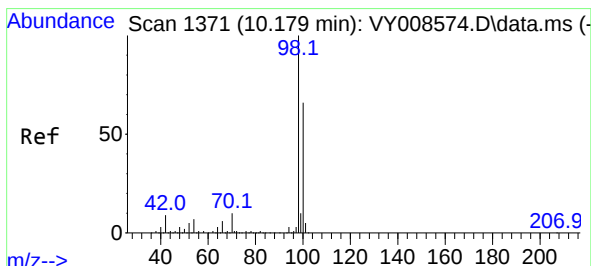
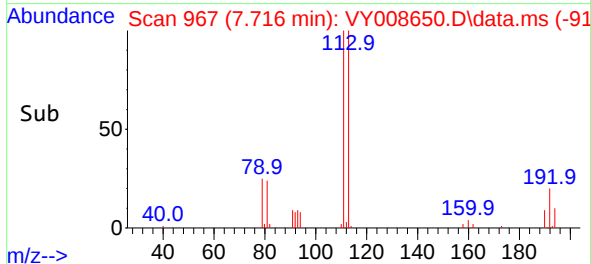
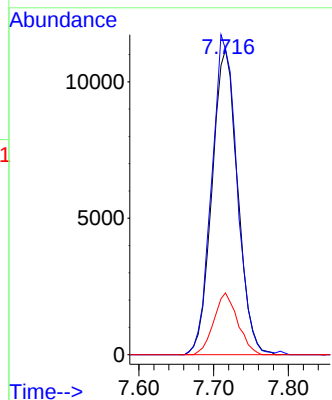
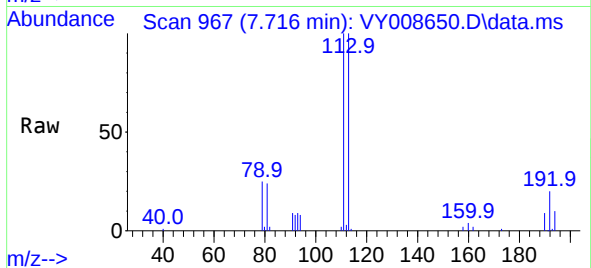




#35
Dibromofluoromethane
Concen: 45.650 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008650.D
Acq: 05 May 2022 07:08

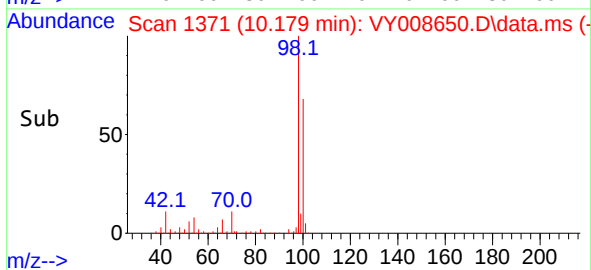
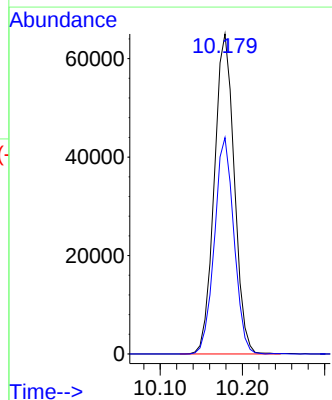
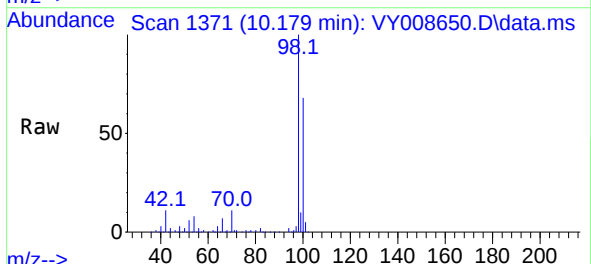
Instrument :
MSVOA_Y
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SB-9,12

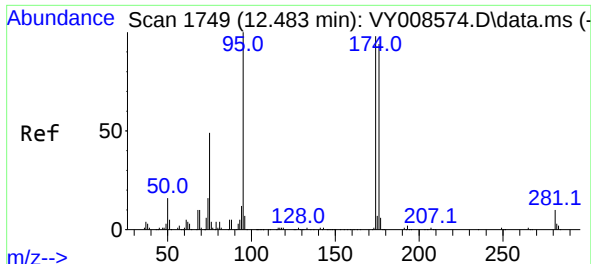
Tgt Ion:113 Resp: 26704
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 52.893 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008650.D
Acq: 05 May 2022 07:08

Tgt Ion: 98 Resp: 109618
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

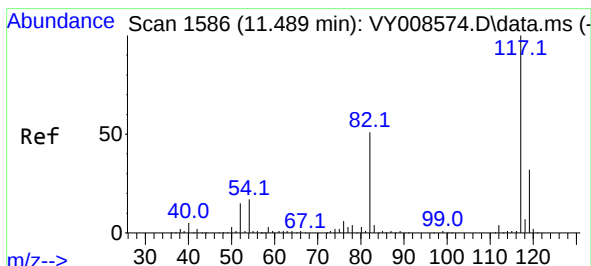
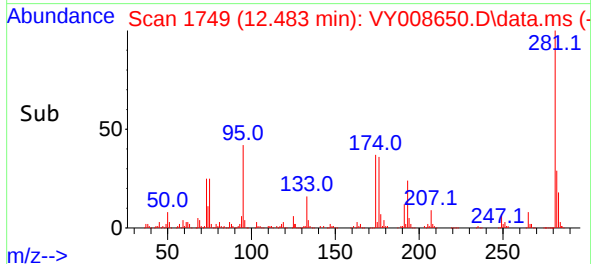
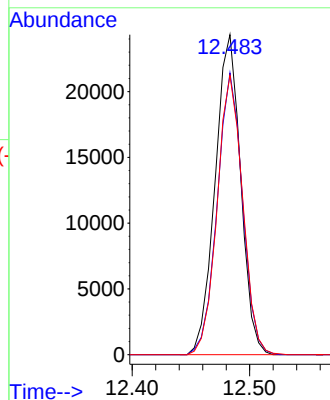
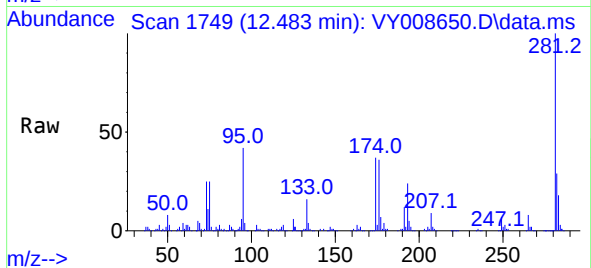




#62
4-Bromofluorobenzene
Concen: 48.314 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008650.D
Acq: 05 May 2022 07:08

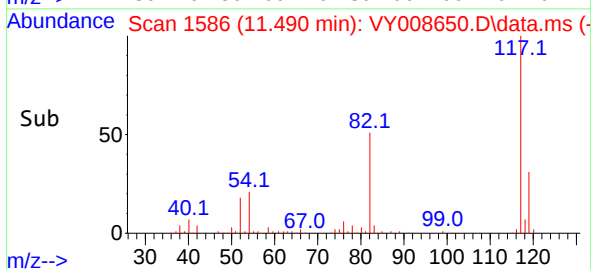
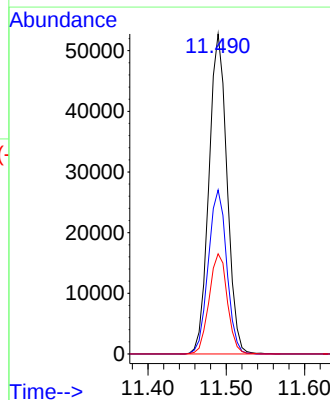
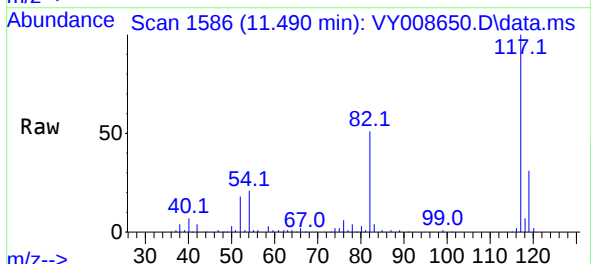
Instrument :
MSVOA_Y
ClientSampleId :
SB-9,12

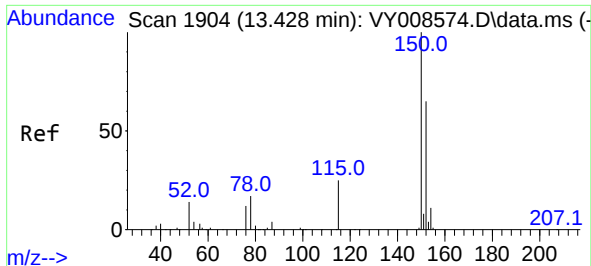
Tgt Ion: 95 Resp: 36699
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 87.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008650.D
Acq: 05 May 2022 07:08

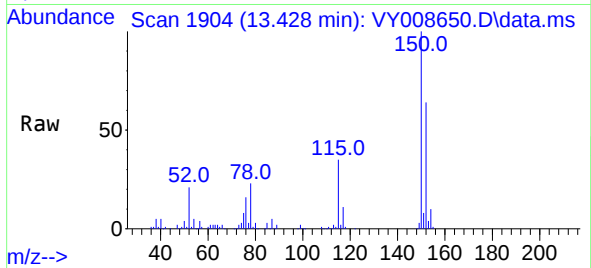
Tgt Ion: 117 Resp: 84560
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 31.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008650.D
 Acq: 05 May 2022 07:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9,12



Tgt Ion:	152	Resp:	36899
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.7
150	158.7	0.0	347.6

