

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016910.D
 Acq On : 03 Jan 2024 15:02
 Operator : SY/MD
 Sample : P1005-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200030

Quant Time: Jan 04 00:32:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

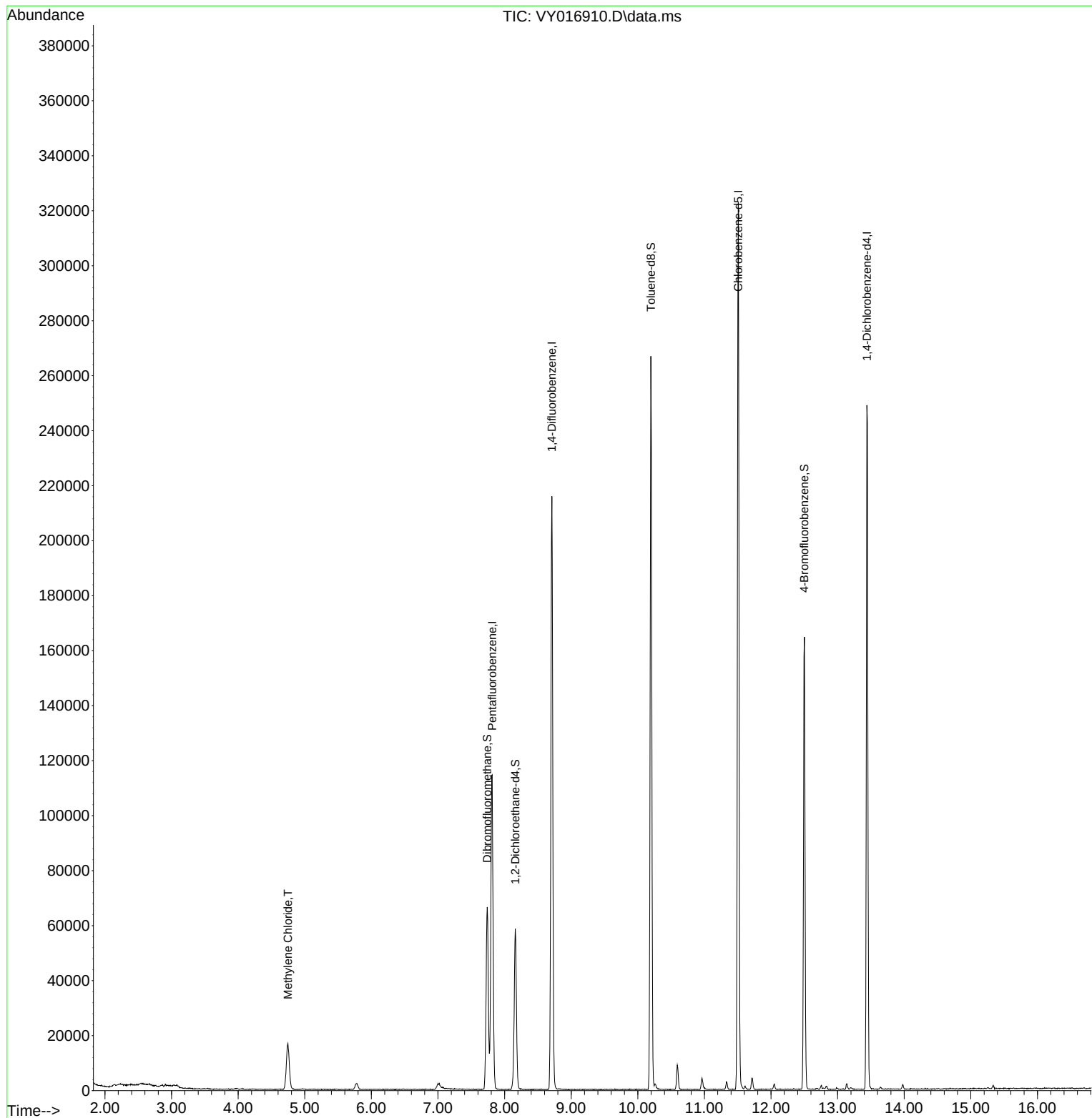
Internal Standards						
1) Pentafluorobenzene	7.813	168	88848	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	184731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	176640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	63162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44319	50.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.940%
35) Dibromofluoromethane	7.740	113	48321	41.048	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.100%
50) Toluene-d8	10.197	98	172752	42.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.240%
62) 4-Bromofluorobenzene	12.501	95	50735	37.097	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.200%
Target Compounds						
20) Methylene Chloride	4.747	84	13095	5.064	ug/l	99

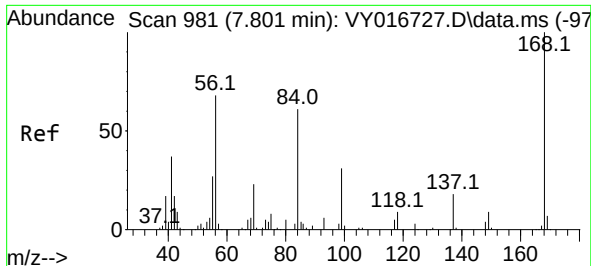
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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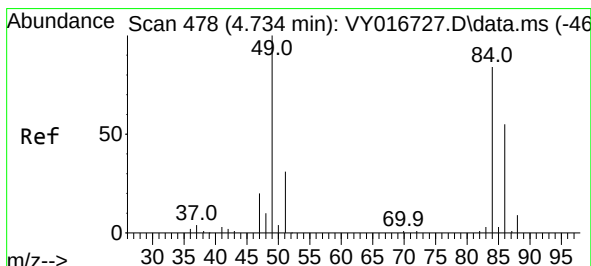
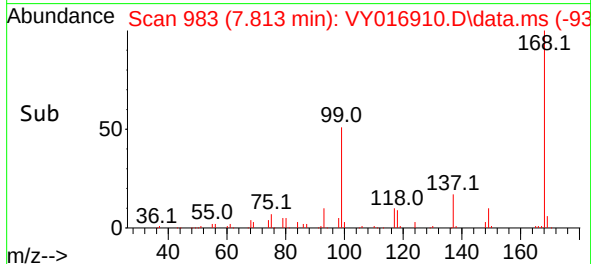
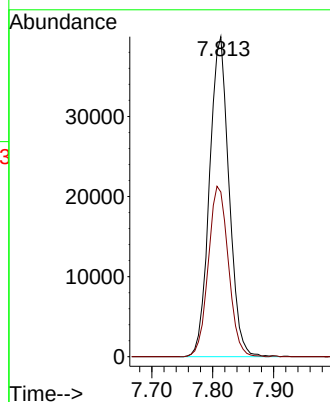
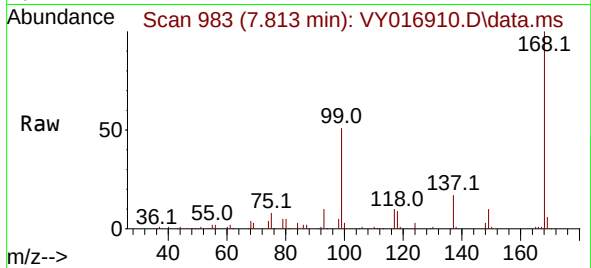




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

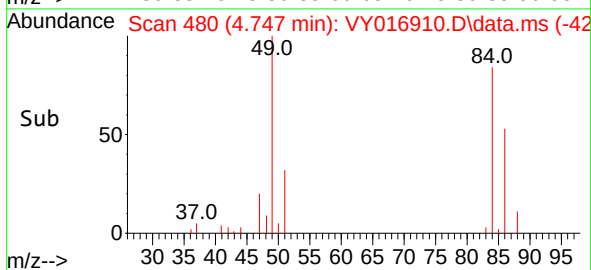
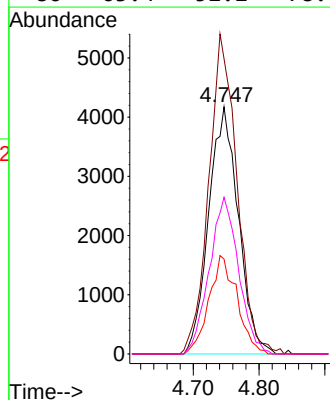
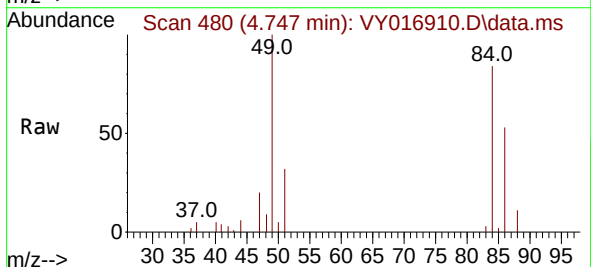
Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

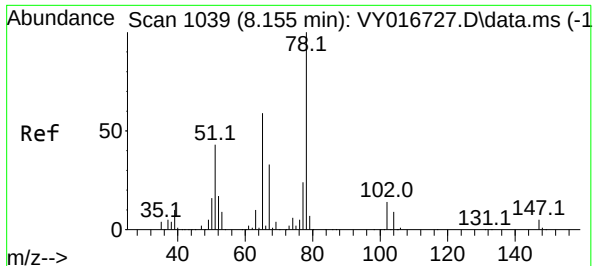
Tgt Ion:168 Resp: 88848
Ion Ratio Lower Upper
168 100
99 51.5 44.2 66.4



#20
Methylene Chloride
Concen: 5.064 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

Tgt Ion: 84 Resp: 13095
Ion Ratio Lower Upper
84 100
49 119.5 95.2 142.8
51 38.4 29.9 44.9
86 63.4 52.2 78.4

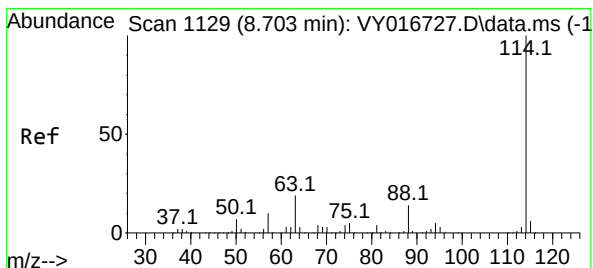
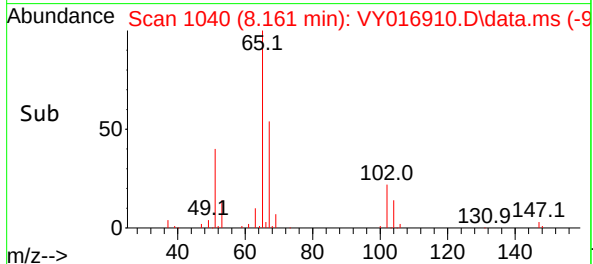
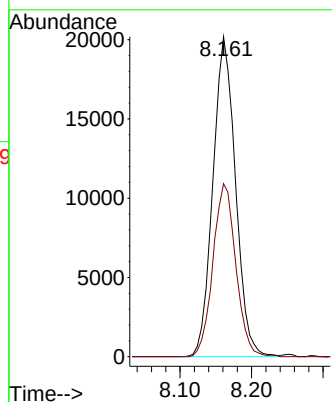
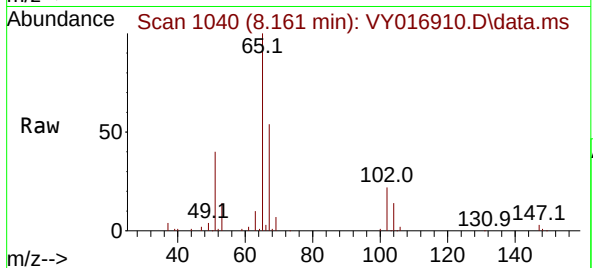




#33
1,2-Dichloroethane-d4
Concen: 50.469 ug/l
RT: 8.161 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

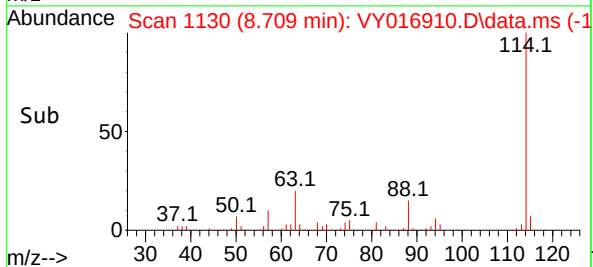
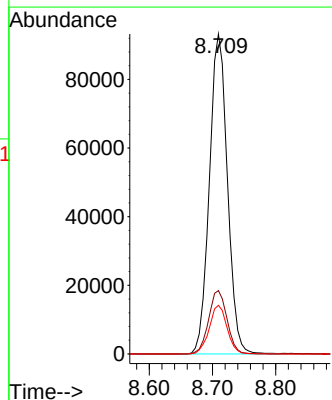
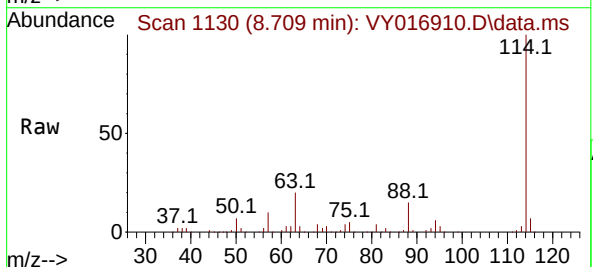
Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

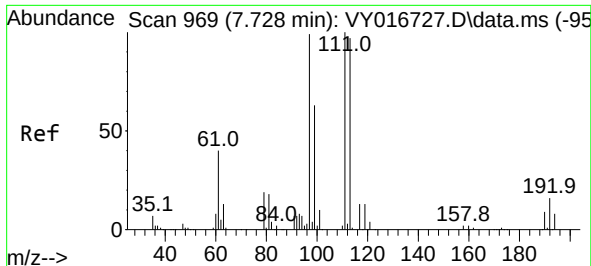
Tgt Ion: 65 Resp: 44319
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

Tgt Ion: 114 Resp: 184731
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.2 0.0 29.0

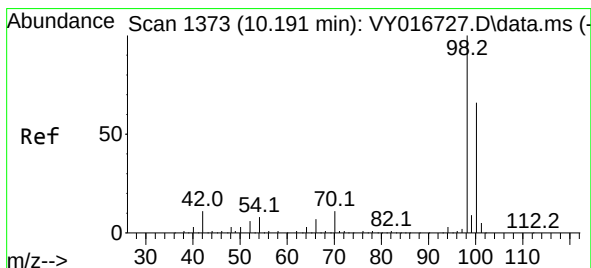
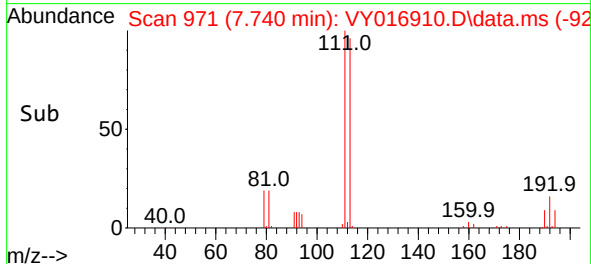
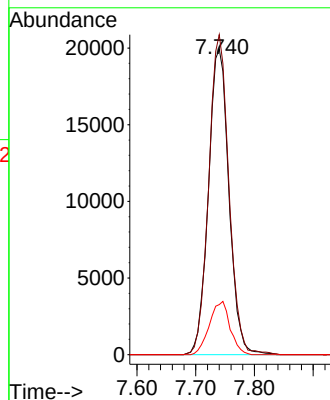
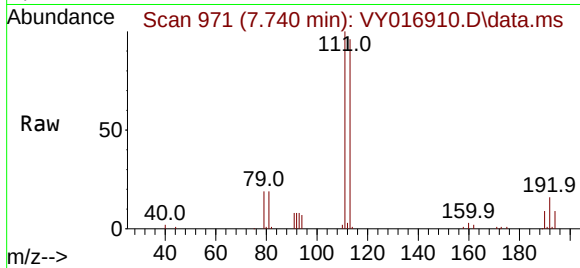




#35
Dibromofluoromethane
Concen: 41.048 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

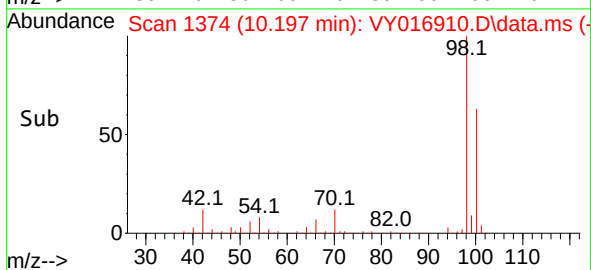
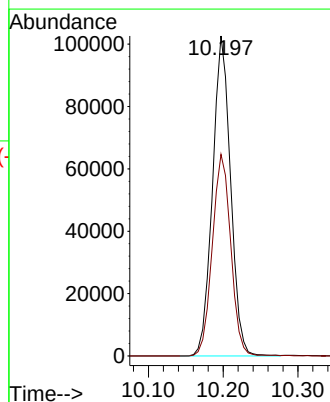
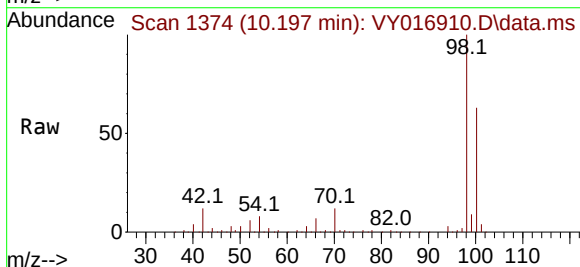
Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

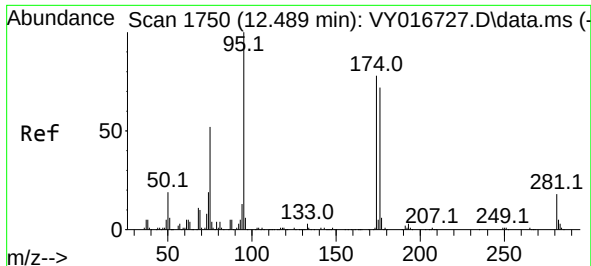
Tgt Ion:113 Resp: 48321
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 17.6 14.5 21.7



#50
Toluene-d8
Concen: 42.617 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

Tgt Ion: 98 Resp: 172752
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

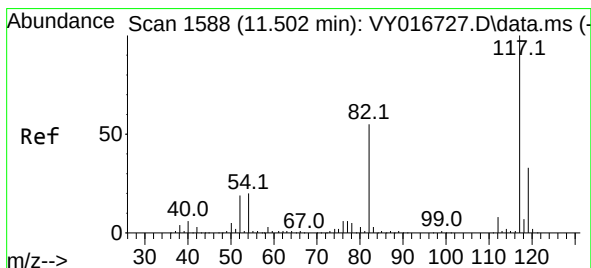
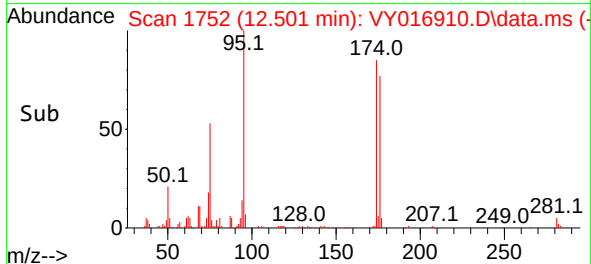
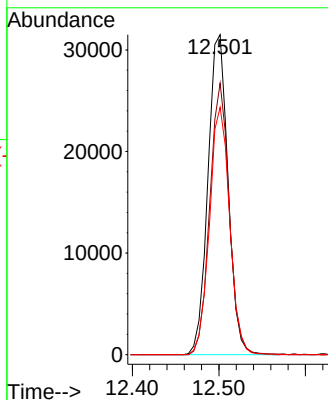
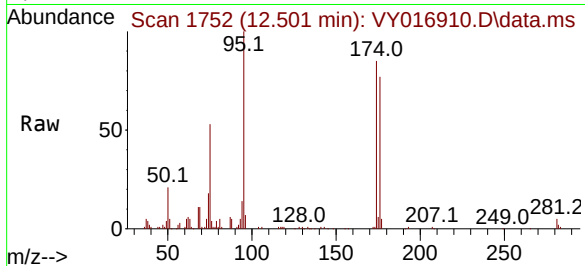




#62
4-Bromofluorobenzene
Concen: 37.097 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

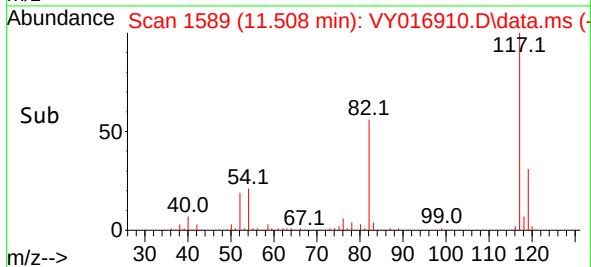
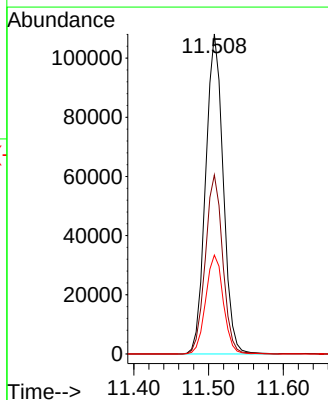
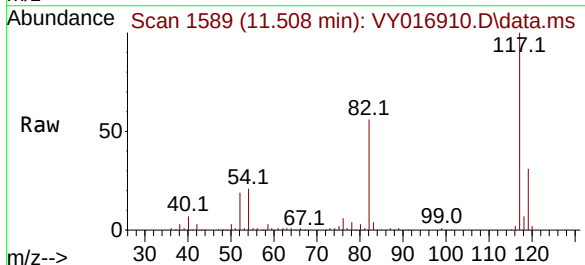
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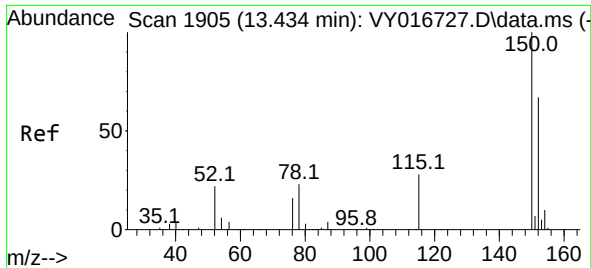
Tgt Ion: 95 Resp: 50735
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.0
176 77.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

Tgt Ion: 117 Resp: 176640
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 30.9 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016910.D

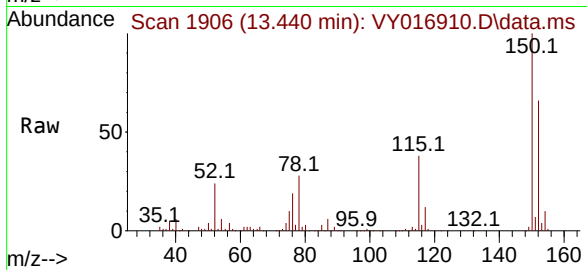
Acq: 03 Jan 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

RBR200030



Tgt Ion:152 Resp: 63162

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.8 0.0 344.6

