

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011802.D
 Acq On : 13 Dec 2022 18:27
 Operator : KP/MD
 Sample : N6037-02
 Misc : 6.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-17-(1-3)

Quant Time: Dec 13 22:19:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	296018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	491050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	424865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98631	48.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.400%
35) Dibromofluoromethane	7.715	113	104500	47.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.178	98	304362	41.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.820%
62) 4-Bromofluorobenzene	12.483	95	120852	41.690	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.380%

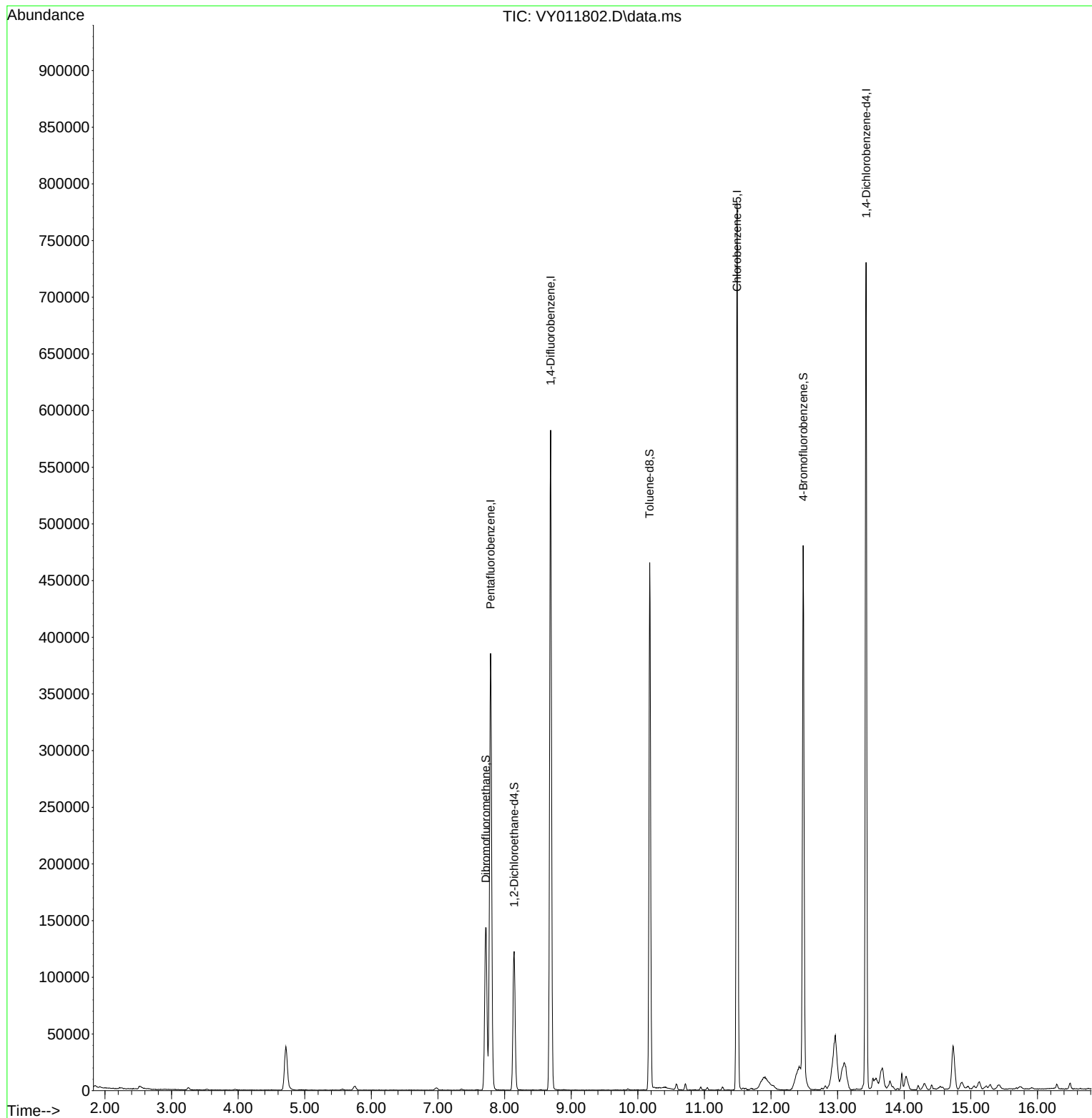
Target Compounds	Qvalue

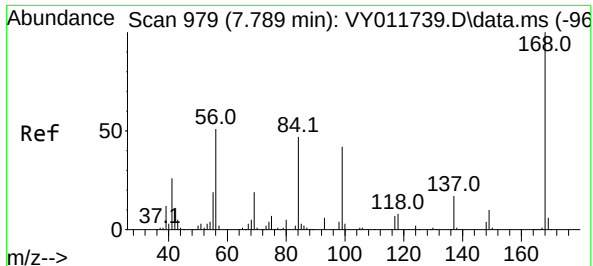
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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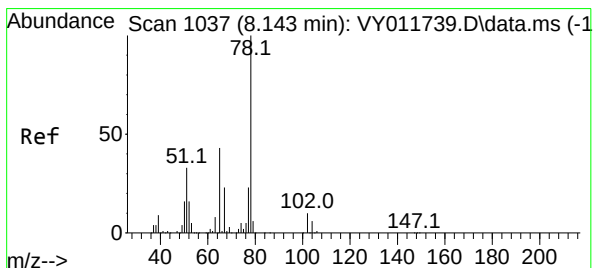
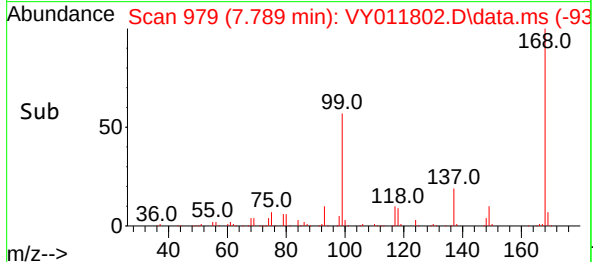
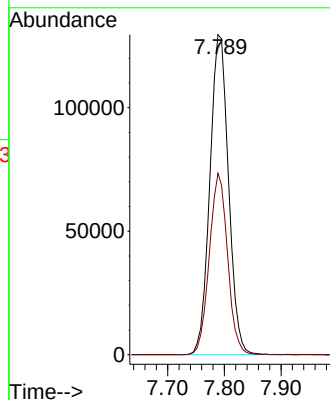
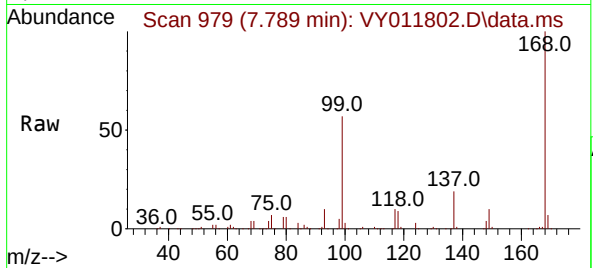




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011802.D
Acq: 13 Dec 2022 18:27

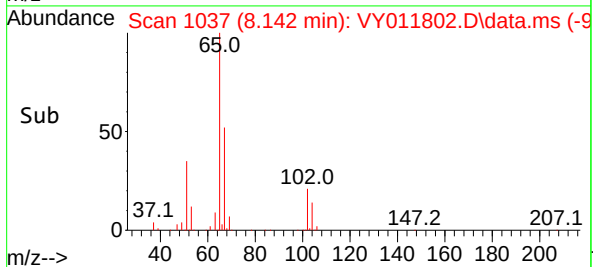
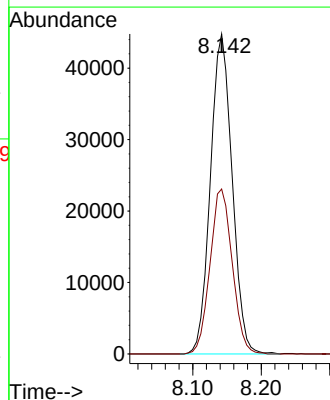
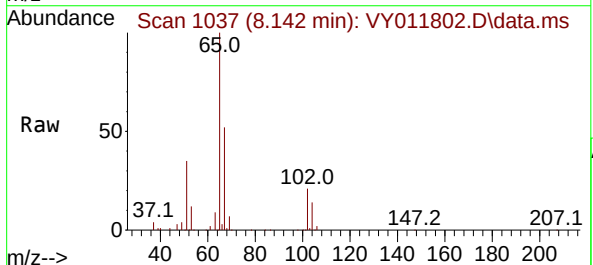
Instrument :
MSVOA_Y
ClientSampleId :
RB-17-(1-3)

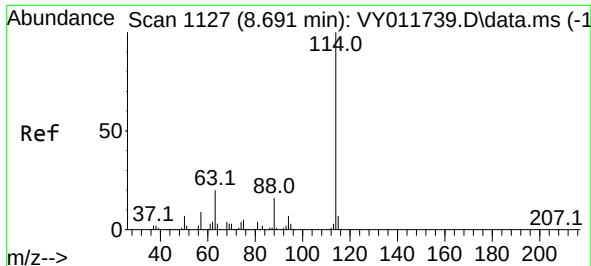
Tgt Ion:168 Resp: 296018
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 48.703 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011802.D
Acq: 13 Dec 2022 18:27

Tgt Ion: 65 Resp: 98631
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2

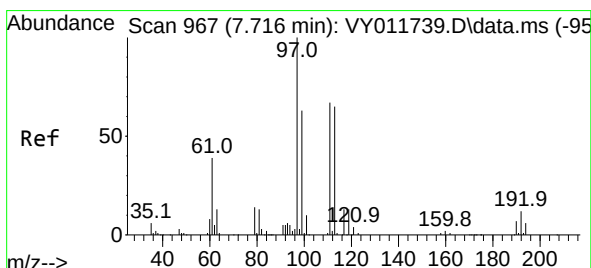
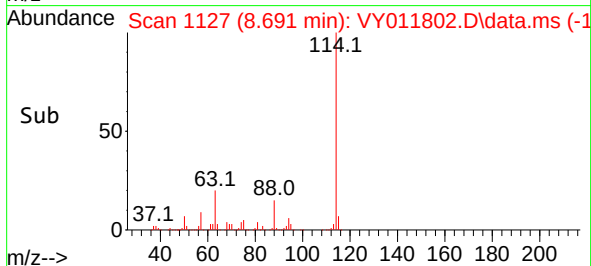
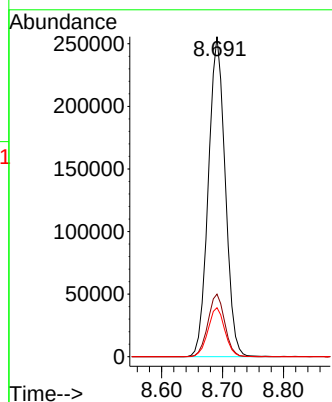
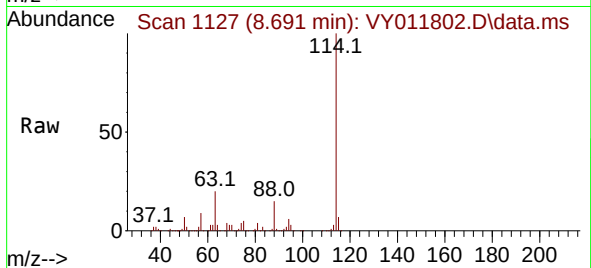




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY011802.D
Acq: 13 Dec 2022 18:27

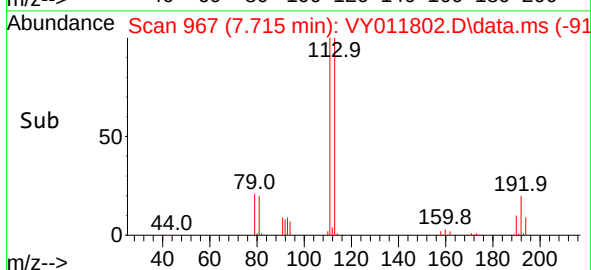
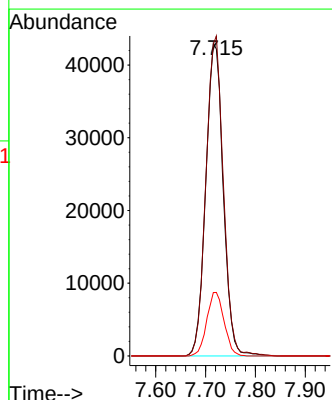
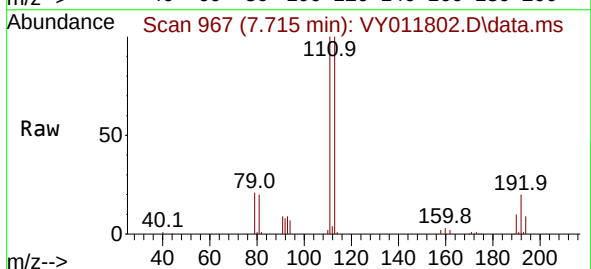
Instrument :
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ClientSampleId :
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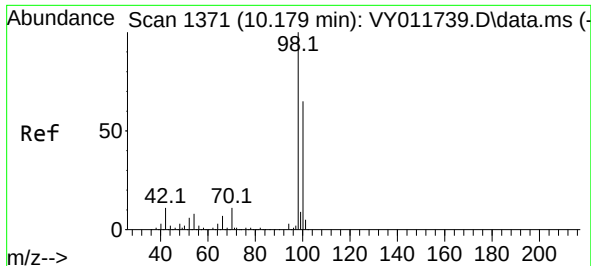
Tgt Ion:	114	Resp:	491050
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.3	0.0	32.2



#35
Dibromofluoromethane
Concen: 47.721 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY011802.D
Acq: 13 Dec 2022 18:27

Tgt Ion:	113	Resp:	104500
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	20.1	16.0	24.0

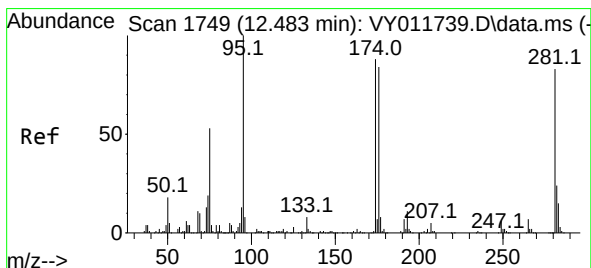
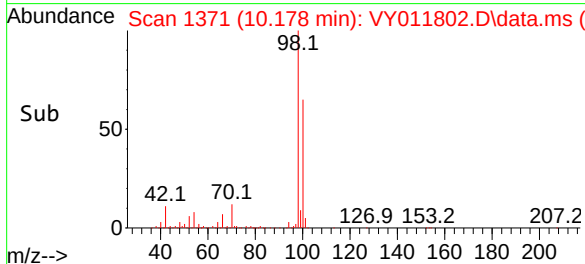
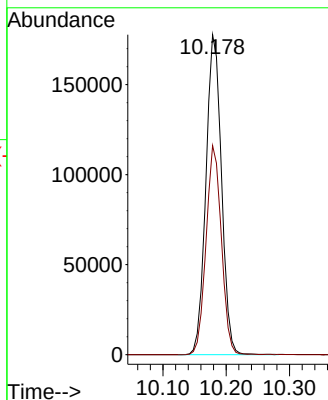
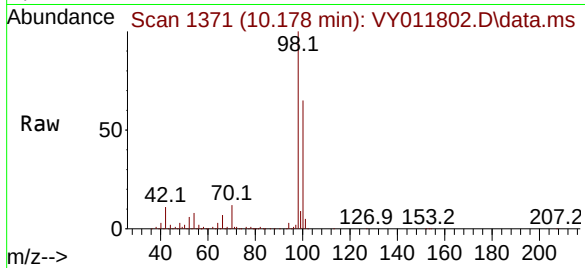




#50
Toluene-d8
Concen: 41.410 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011802.D
Acq: 13 Dec 2022 18:27

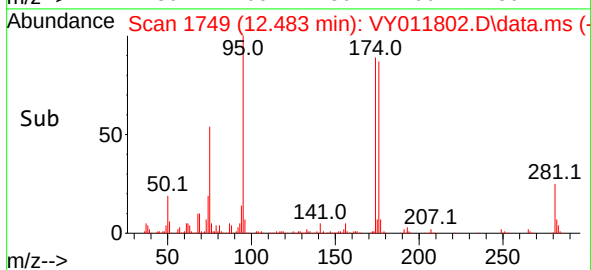
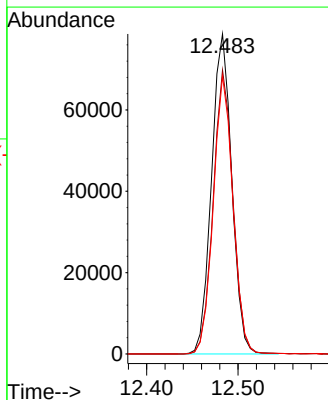
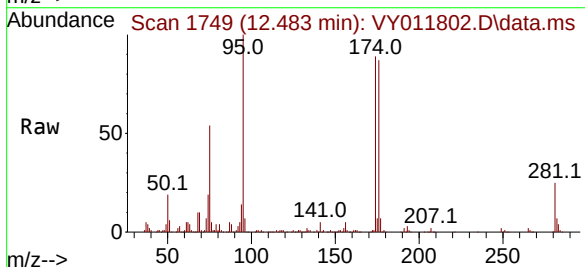
Instrument :
MSVOA_Y
ClientSampleId :
RB-17-(1-3)

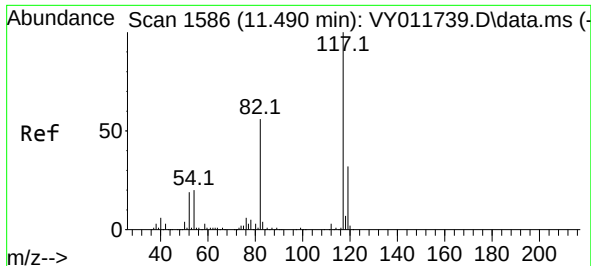
Tgt Ion: 98 Resp: 304362
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011802.D
Acq: 13 Dec 2022 18:27

Tgt Ion: 95 Resp: 120852
Ion Ratio Lower Upper
95 100
174 87.2 0.0 172.0
176 84.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011802.D

Acq: 13 Dec 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

RB-17-(1-3)

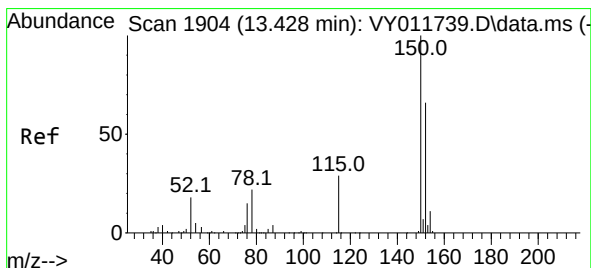
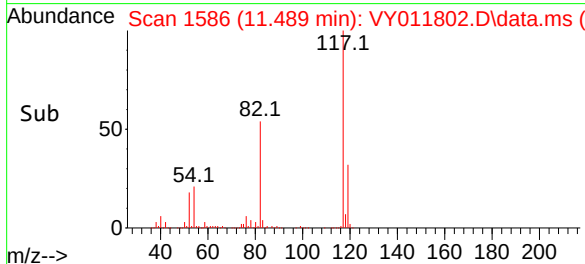
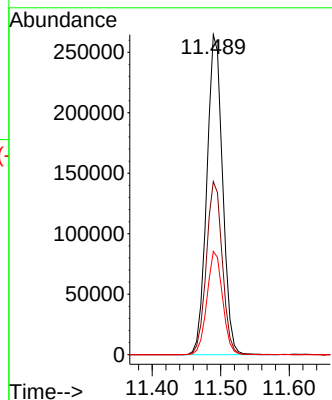
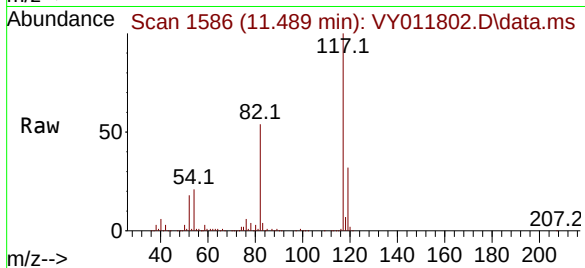
Tgt Ion:117 Resp: 424865

Ion Ratio Lower Upper

117 100

82 54.1 44.8 67.2

119 32.3 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: VY011802.D

Acq: 13 Dec 2022 18:27

Tgt Ion:152 Resp: 191905

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 156.8 0.0 342.6

