

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012794.D
 Acq On : 03 Mar 2023 14:33
 Operator : KP/MD
 Sample : 01760-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998RE

Quant Time: Mar 04 01:23:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1306	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	296	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1183	91.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	182.460%#
35) Dibromofluoromethane	7.722	113	767	61.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.160%
50) Toluene-d8	10.185	98	2575	56.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.100%
62) 4-Bromofluorobenzene	12.477	95	670	43.591	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.180%

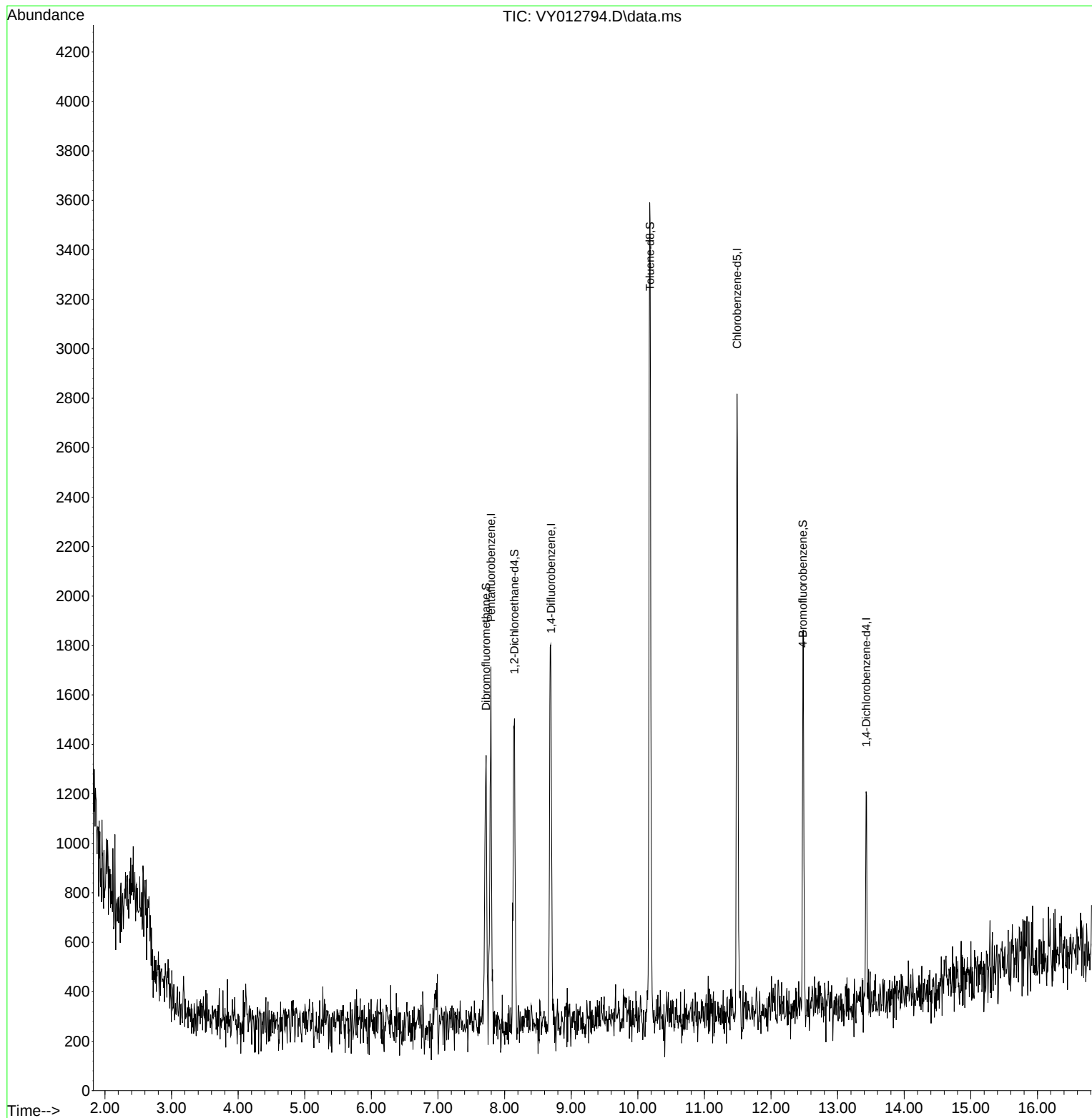
Target Compounds	Qvalue

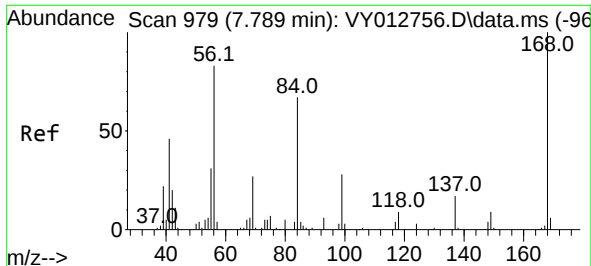
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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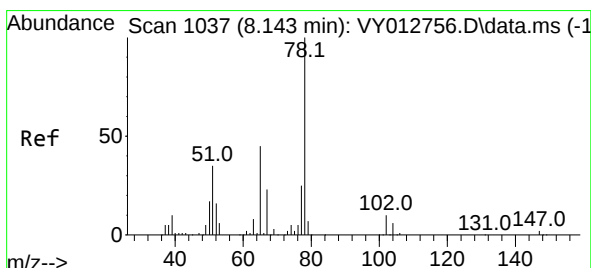
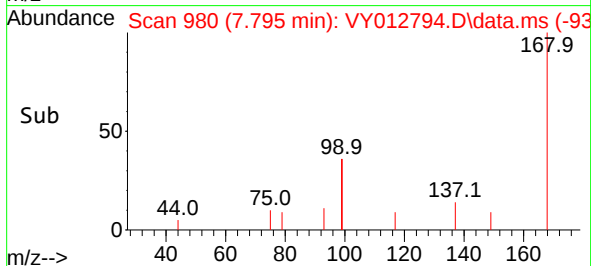
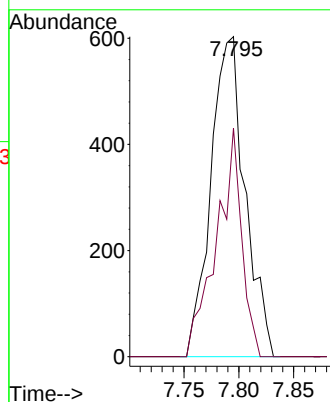
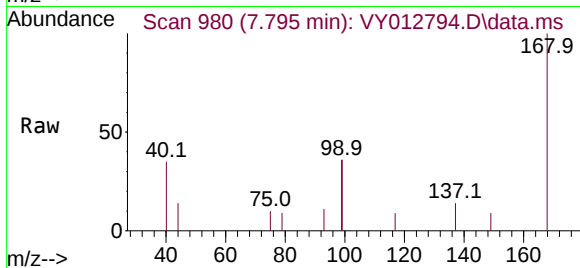




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

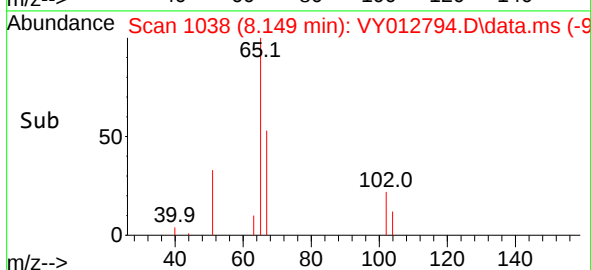
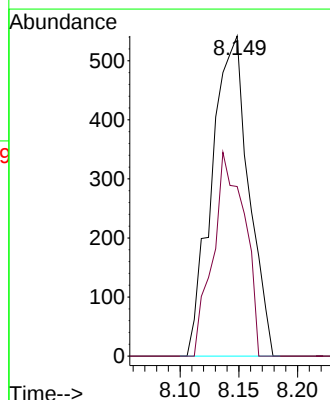
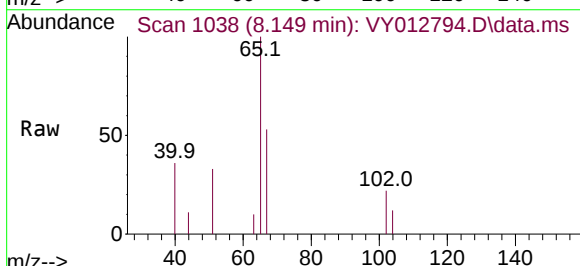
Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

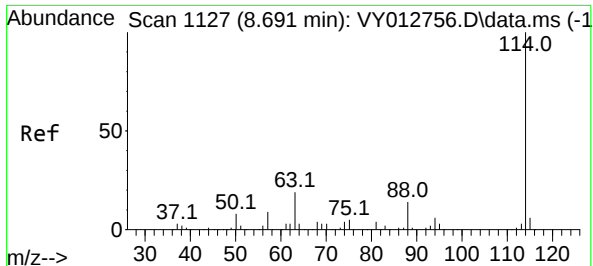
Tgt Ion:168 Resp: 1306
Ion Ratio Lower Upper
168 100
99 71.5 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 91.232 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Tgt Ion: 65 Resp: 1183
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY012794.D

Acq: 03 Mar 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

72-11998RE

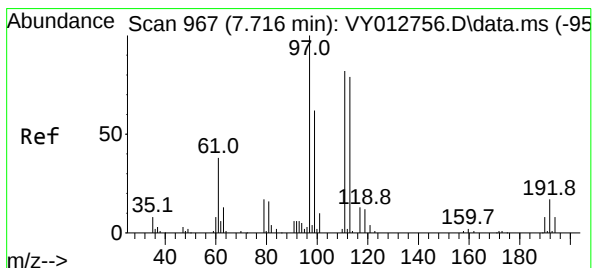
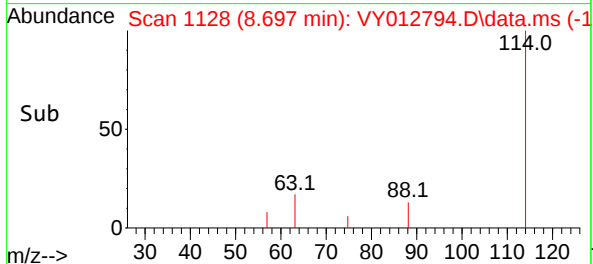
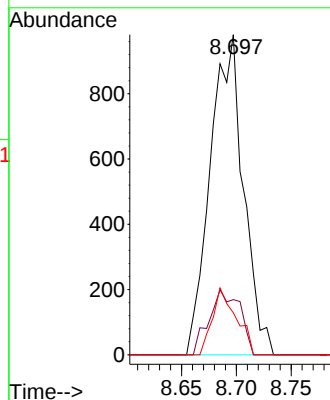
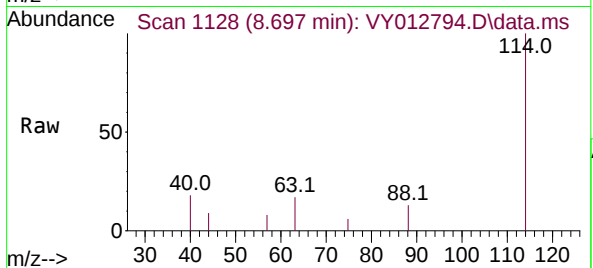
Tgt Ion:114 Resp: 2064

Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.4

88 13.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 61.576 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012794.D

Acq: 03 Mar 2023 14:33

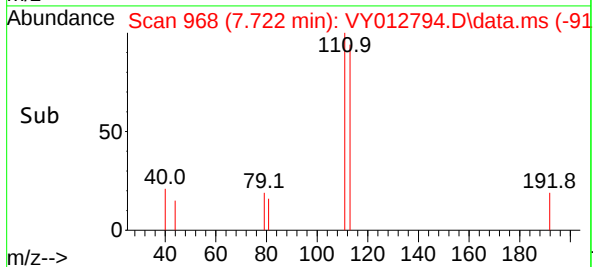
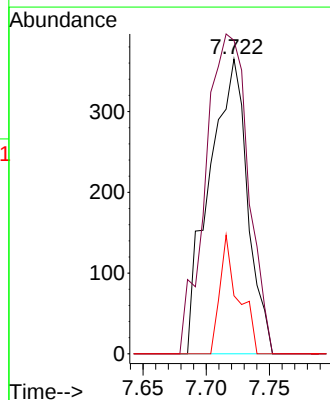
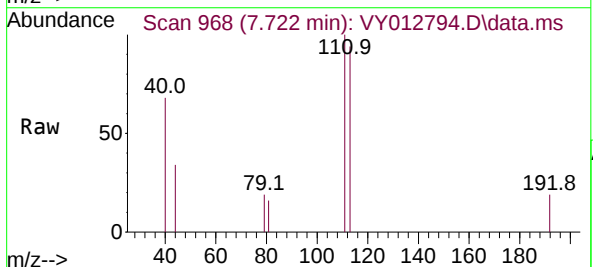
Tgt Ion:113 Resp: 767

Ion Ratio Lower Upper

113 100

111 121.0 82.2 123.2

192 19.6 16.8 25.2

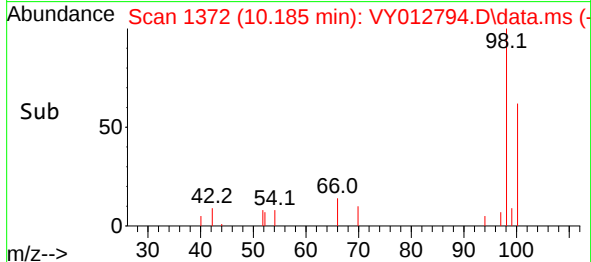
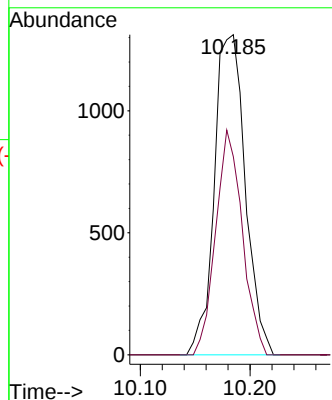
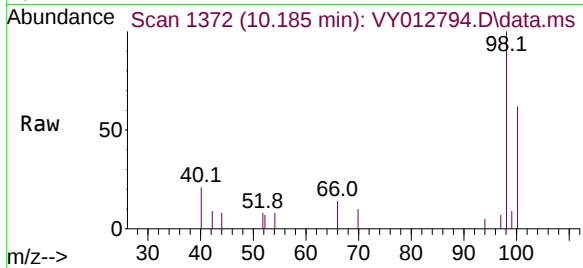




#50
Toluene-d8
Concen: 56.547 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

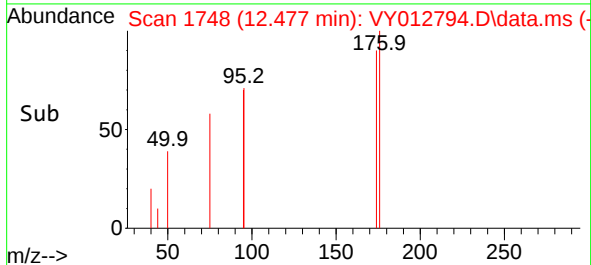
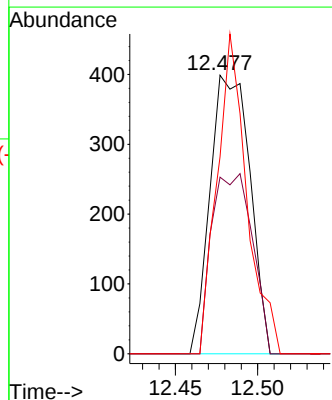
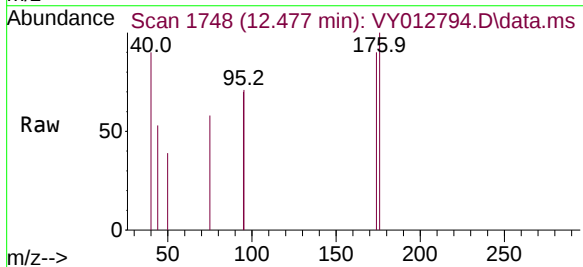
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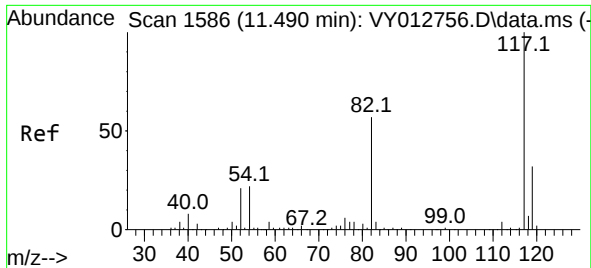
Tgt Ion: 98 Resp: 2575
Ion Ratio Lower Upper
98 100
100 60.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.591 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Tgt Ion: 95 Resp: 670
Ion Ratio Lower Upper
95 100
174 66.0 0.0 176.6
176 86.0 0.0 170.2

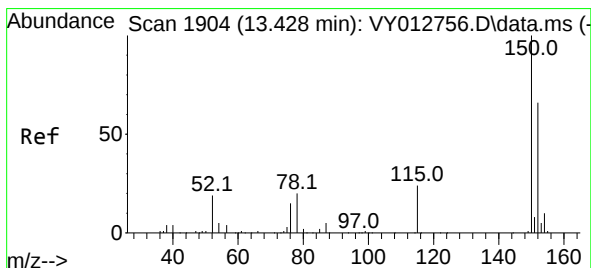
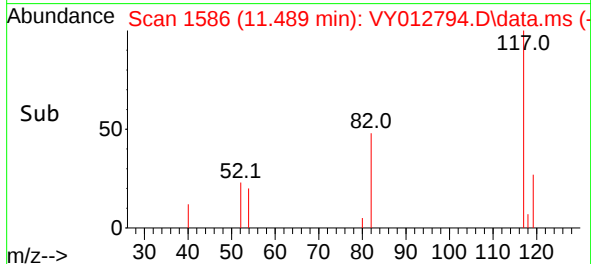
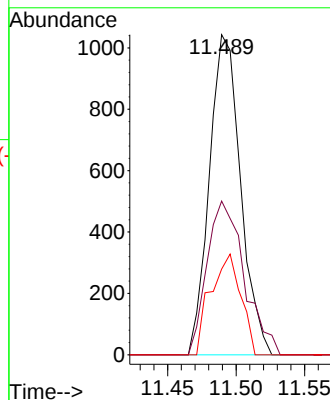
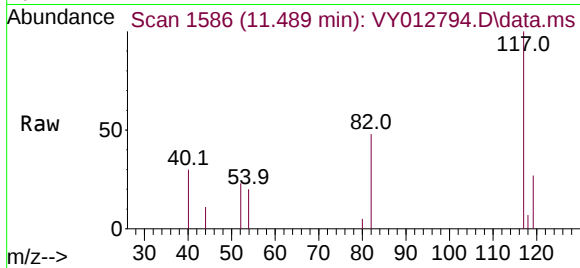




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

Tgt Ion:117	Resp:	1652
Ion	Ratio	Lower Upper
117	100	
82	48.0	45.4 68.0
119	26.7	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012794.D
Acq: 03 Mar 2023 14:33

Tgt Ion:152	Resp:	296
Ion	Ratio	Lower Upper
152	100	
115	63.2	27.1 81.3
150	154.4	0.0 347.8

