

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017679.D
 Acq On : 15 Mar 2024 17:45
 Operator : SY/MD
 Sample : P1746-02RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0RE

Quant Time: Mar 16 00:19:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	476	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1392	39.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.740%
35) Dibromofluoromethane	7.728	113	898	24.379	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.760%#
50) Toluene-d8	10.185	98	5412	42.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.040%
62) 4-Bromofluorobenzene	12.483	95	695	17.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.340%

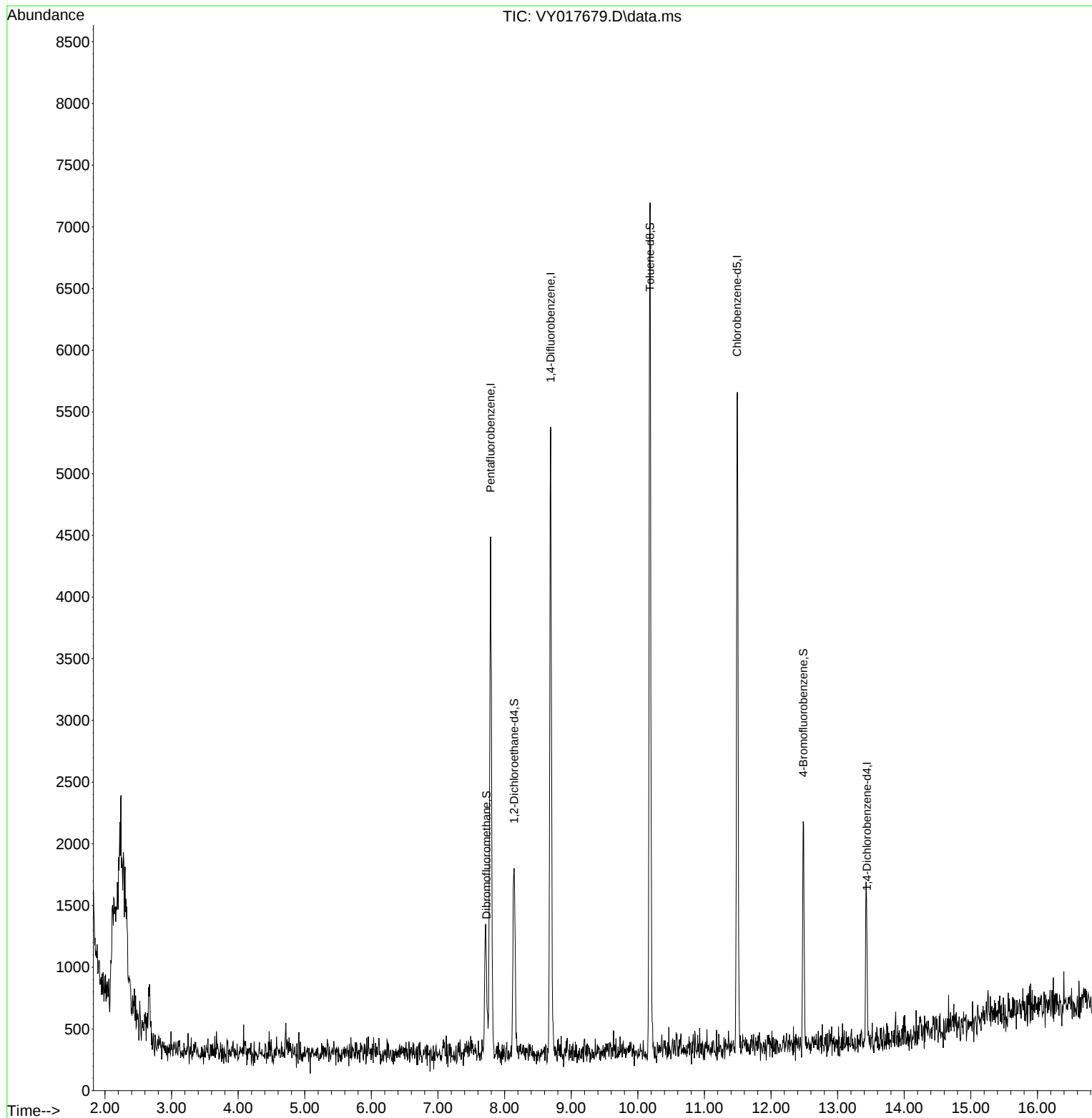
Target Compounds	Qvalue

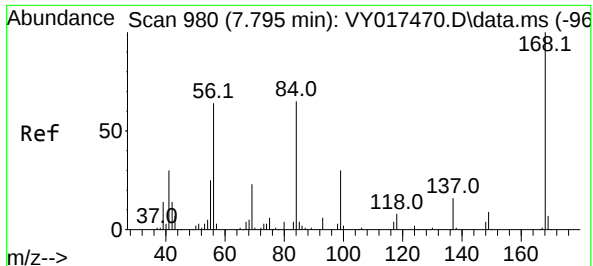
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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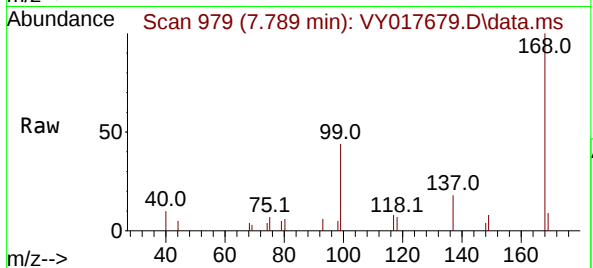
Quant Time: Mar 16 00:19:29 2024
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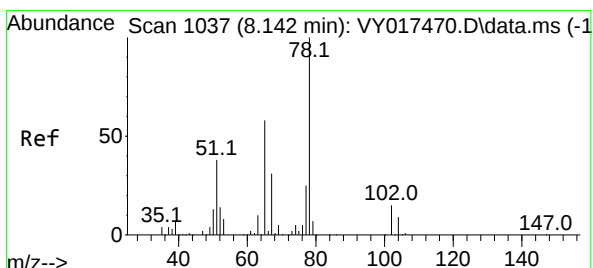
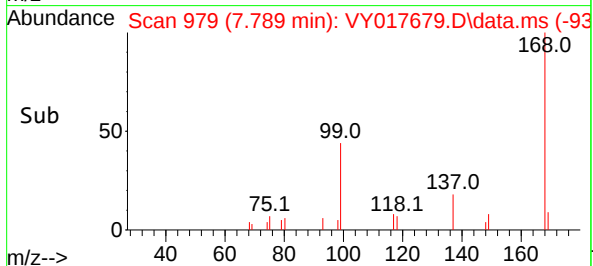
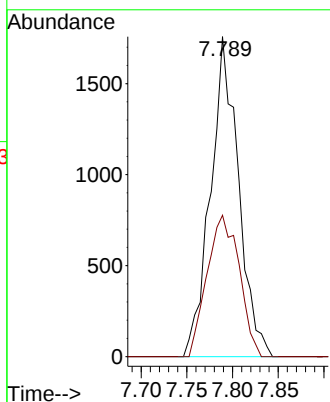


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0RE

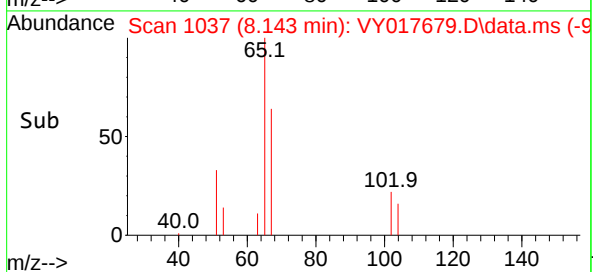
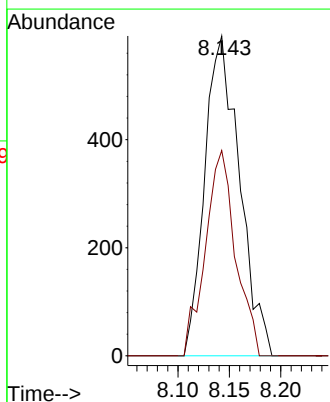
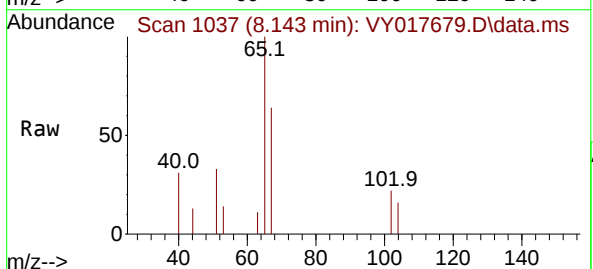


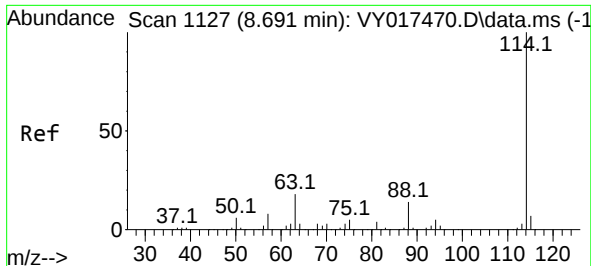
Tgt Ion:168 Resp: 3731
Ion Ratio Lower Upper
168 100
99 44.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 39.367 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

Tgt Ion: 65 Resp: 1392
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017679.D

Acq: 15 Mar 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-4.0-6.0RE

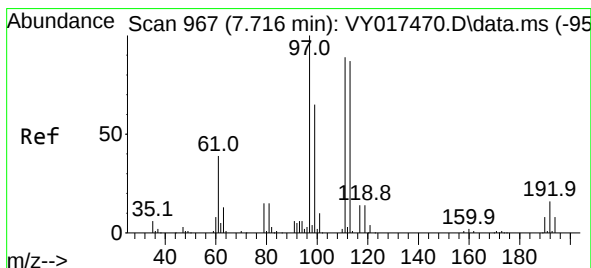
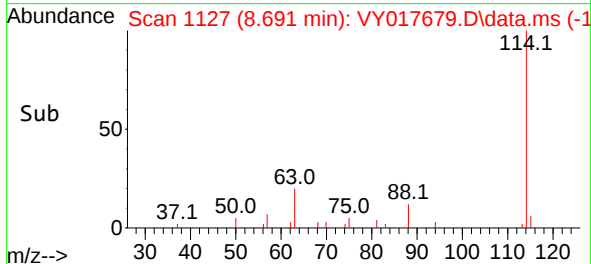
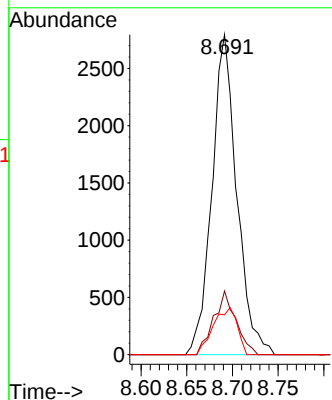
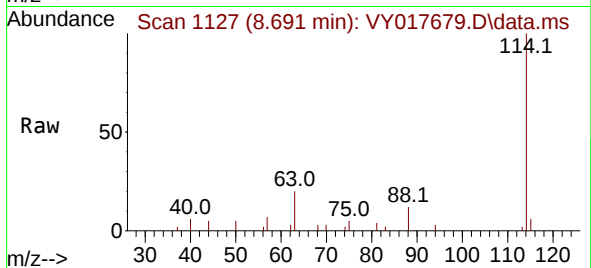
Tgt Ion:114 Resp: 5286

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 12.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 24.379 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017679.D

Acq: 15 Mar 2024 17:45

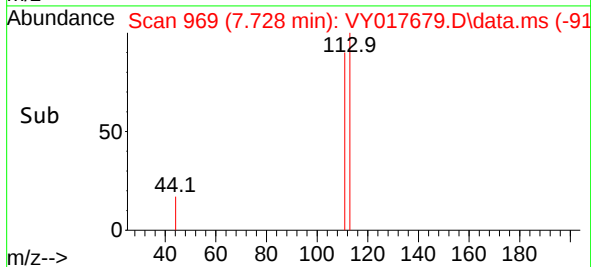
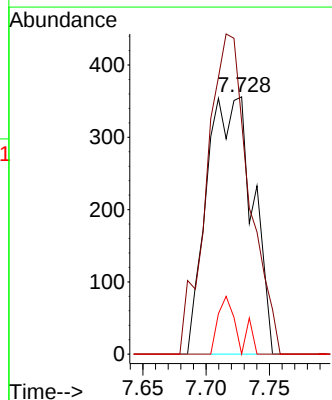
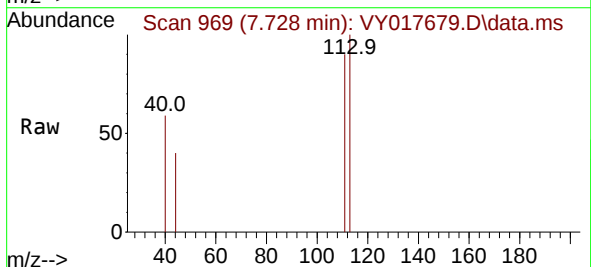
Tgt Ion:113 Resp: 898

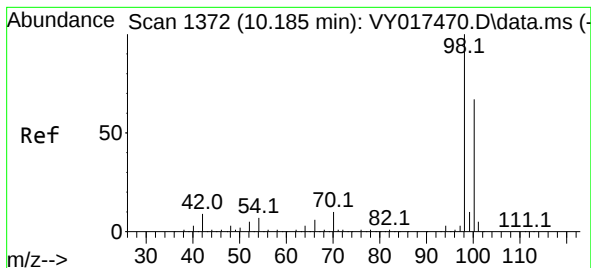
Ion Ratio Lower Upper

113 100

111 114.6 82.2 123.4

192 9.7 15.9 23.9#

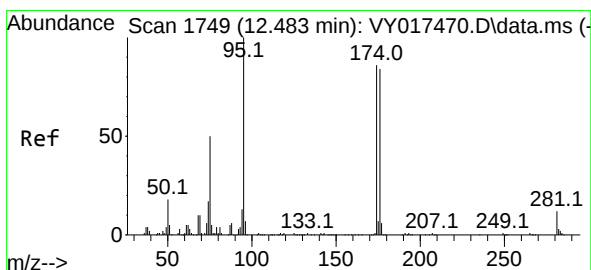
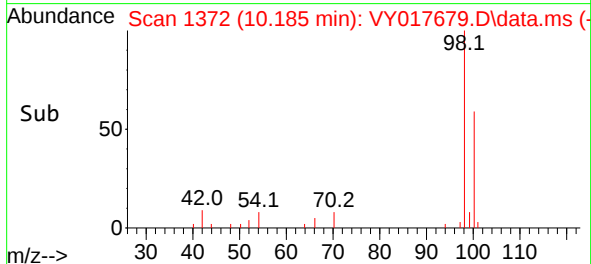
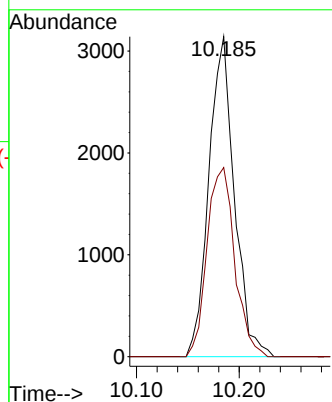
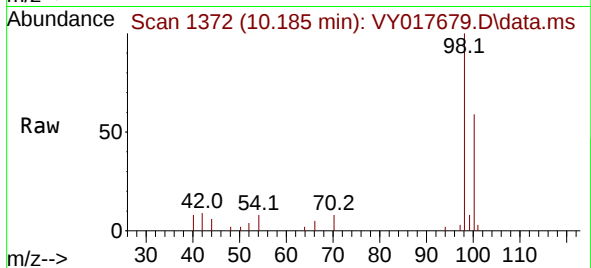




#50
Toluene-d8
Concen: 42.023 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

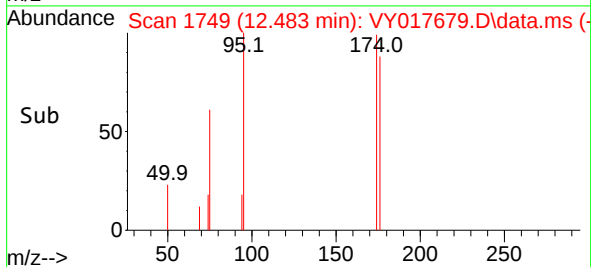
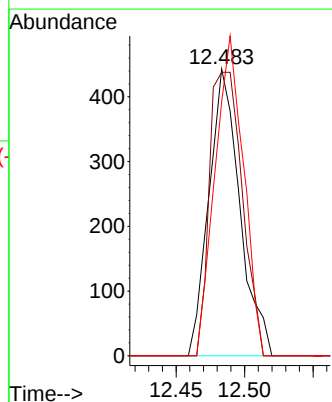
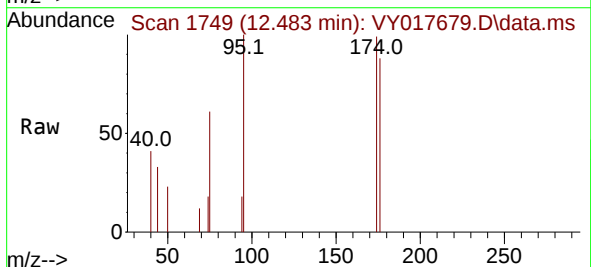
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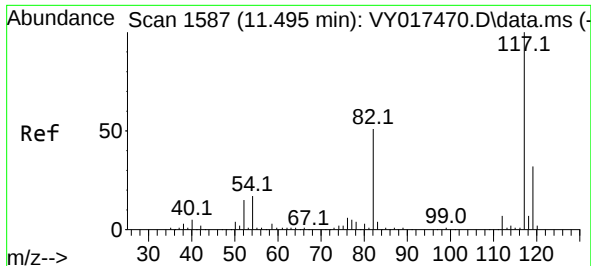
Tgt Ion: 98 Resp: 5412
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 17.171 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

Tgt Ion: 95 Resp: 695
Ion Ratio Lower Upper
95 100
174 105.0 0.0 175.6
176 103.2 0.0 171.4

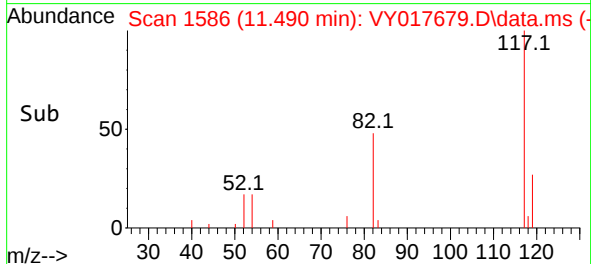
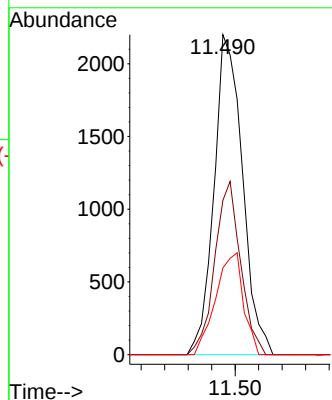
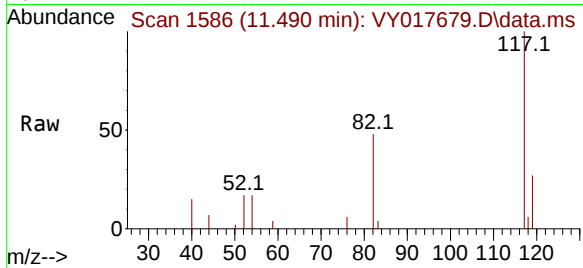




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0RE

Tgt Ion:117	Resp:	3691
Ion	Ratio	Lower Upper
117	100	
82	48.3	42.4 63.6
119	27.1	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017679.D
Acq: 15 Mar 2024 17:45

Tgt Ion:152	Resp:	476
Ion	Ratio	Lower Upper
152	100	
115	58.4	28.2 84.7
150	180.5	0.0 345.6

