

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017499.D
 Acq On : 27 Feb 2024 16:17
 Operator : SY/MD
 Sample : P1564-15
 Misc : 3.36g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-16

Quant Time: Feb 28 00:17:52 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	119922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66690	58.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.360%
35) Dibromofluoromethane	7.716	113	71171	49.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.179	98	253075	50.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.483	95	70848	44.870	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.740%

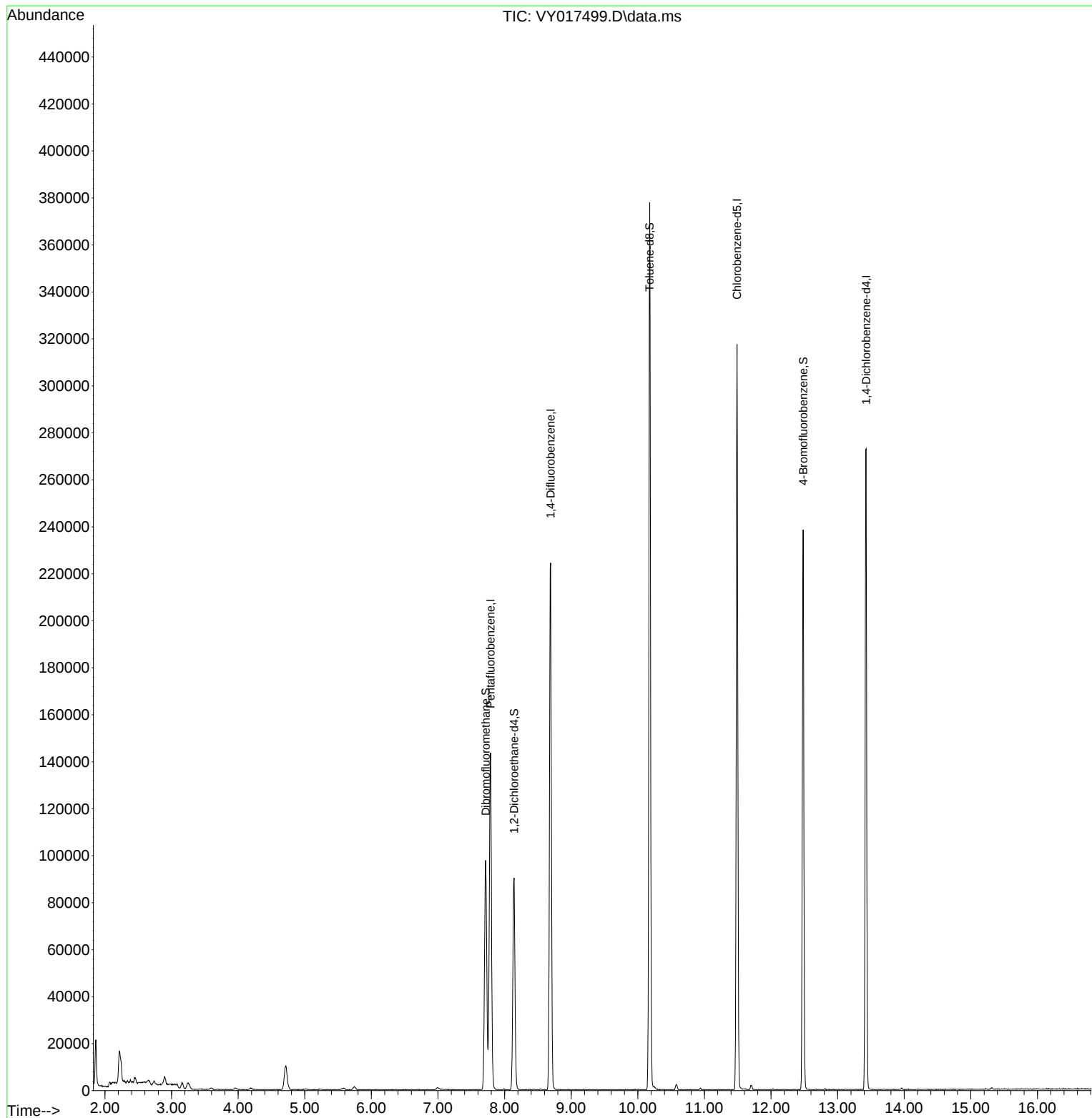
Target Compounds	Qvalue

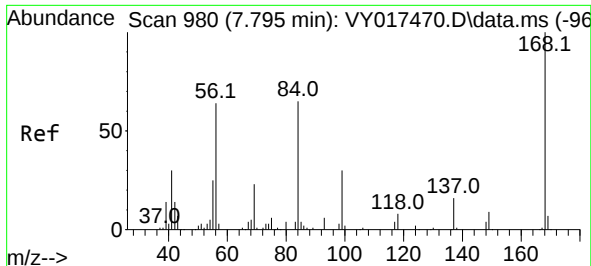
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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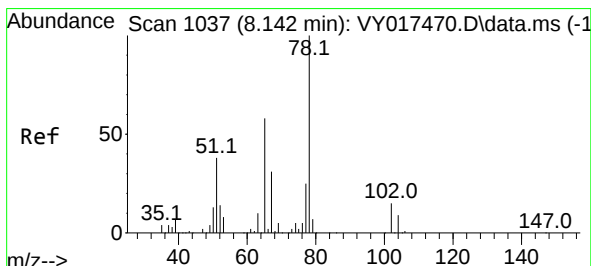
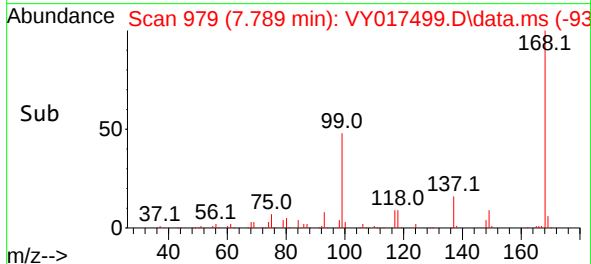
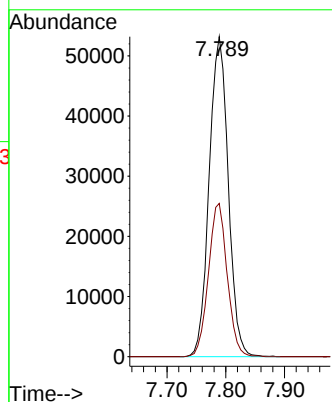
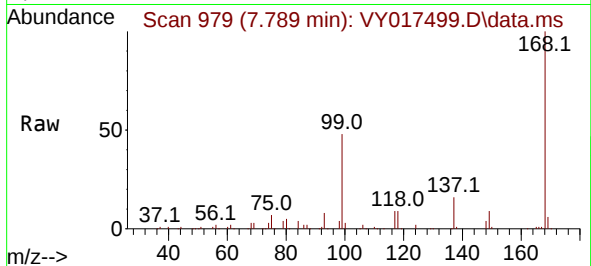




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

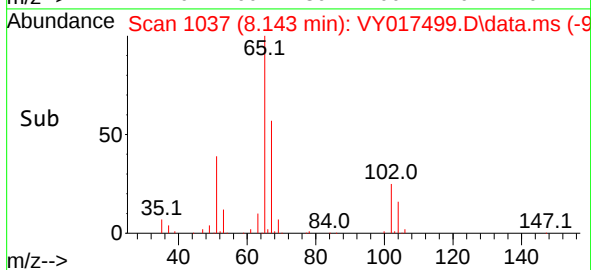
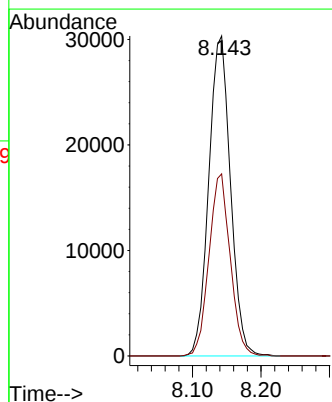
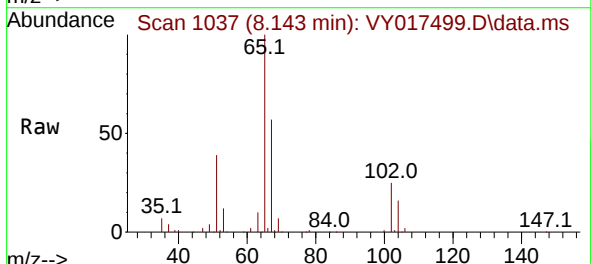
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-16

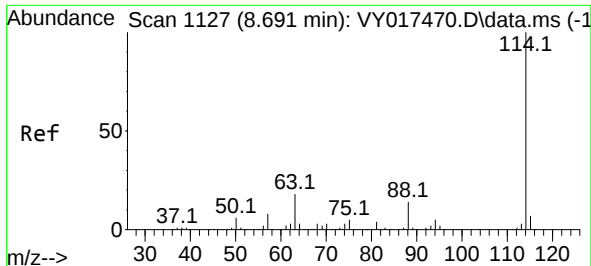
Tgt Ion:168 Resp: 119922
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.678 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

Tgt Ion: 65 Resp: 66690
Ion Ratio Lower Upper
65 100
67 55.8 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: VY017499.D

Acq: 27 Feb 2024 16:17

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-16

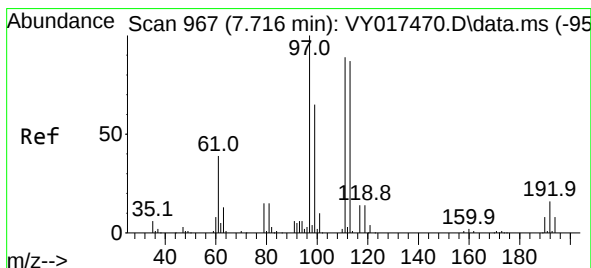
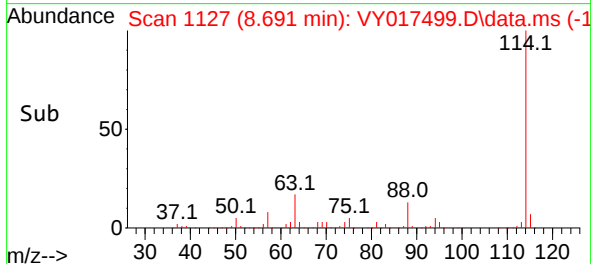
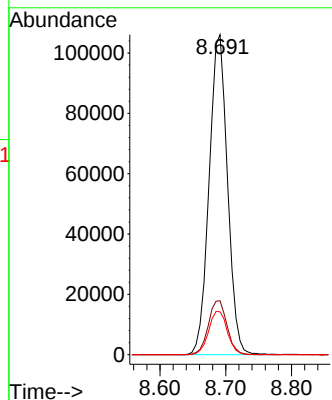
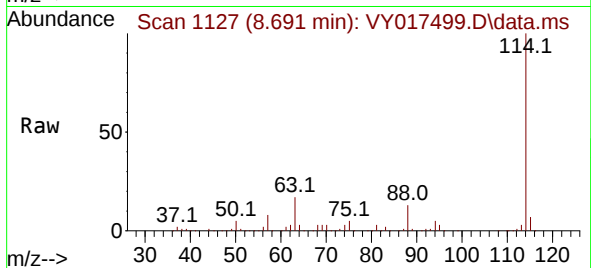
Tgt Ion:114 Resp: 206212

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.529 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017499.D

Acq: 27 Feb 2024 16:17

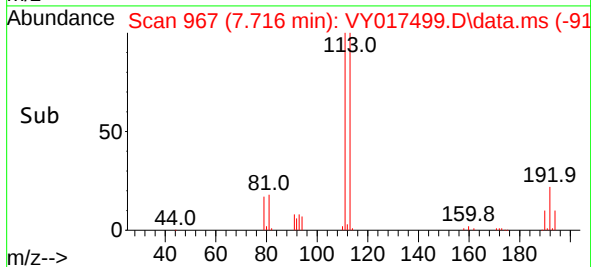
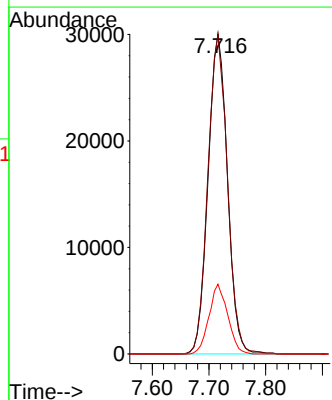
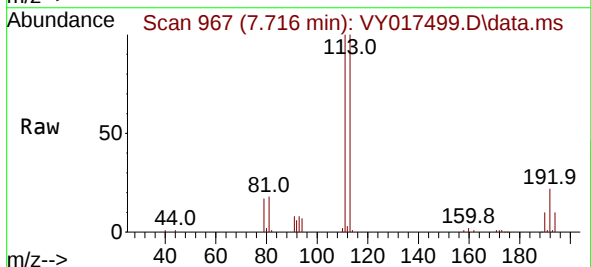
Tgt Ion:113 Resp: 71171

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

192 21.1 15.9 23.9

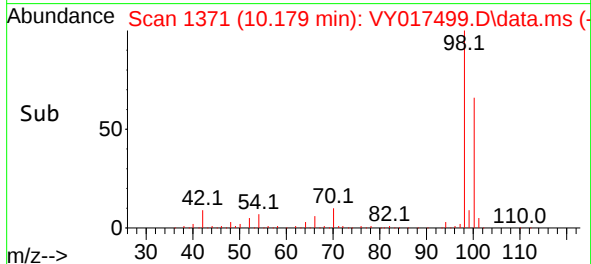
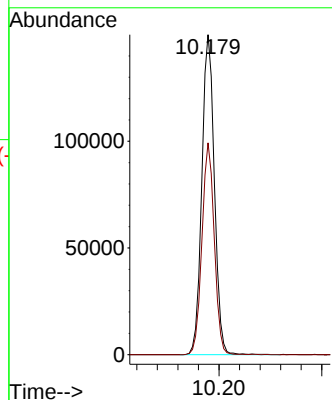
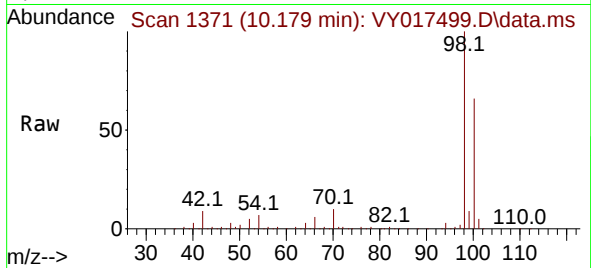




#50
Toluene-d8
Concen: 50.372 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

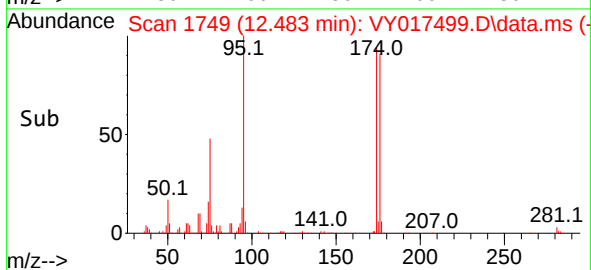
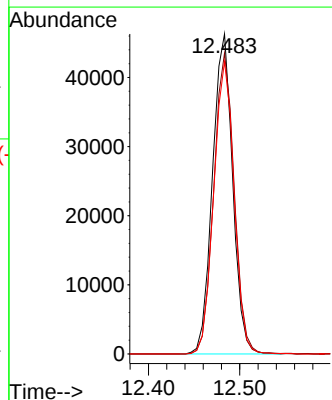
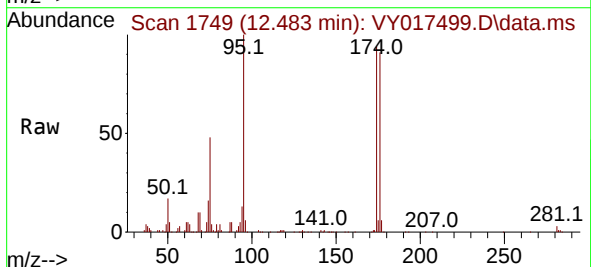
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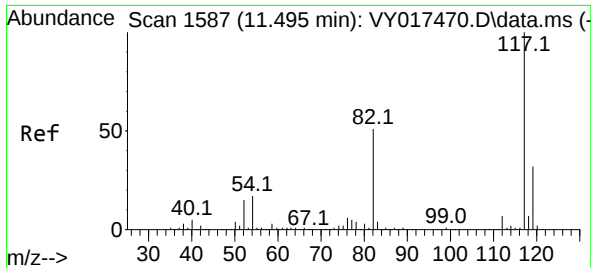
Tgt Ion: 98 Resp: 253075
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.870 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

Tgt Ion: 95 Resp: 70848
Ion Ratio Lower Upper
95 100
174 95.6 0.0 175.6
176 92.3 0.0 171.4

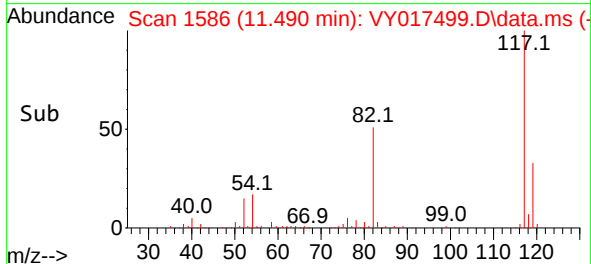
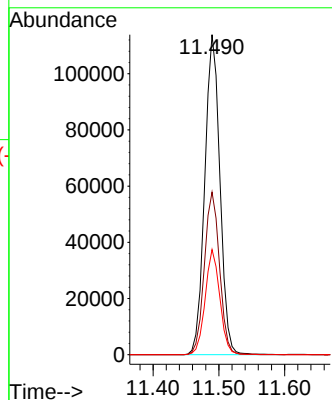
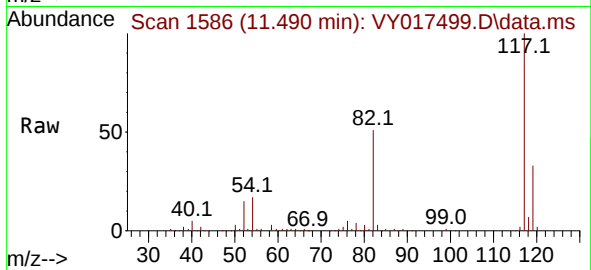




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-16

Tgt Ion:117 Resp: 182422
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017499.D
Acq: 27 Feb 2024 16:17

Tgt Ion:152 Resp: 75916
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 156.3 0.0 345.6

