

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017498.D
 Acq On : 27 Feb 2024 15:53
 Operator : SY/MD
 Sample : P1564-17
 Misc : 3.41g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-17

Quant Time: Feb 28 00:17:27 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	116249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69463	63.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.100%
35) Dibromofluoromethane	7.716	113	76648	53.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.840%
50) Toluene-d8	10.179	98	259522	51.733	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.483	95	73548	46.651	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.300%

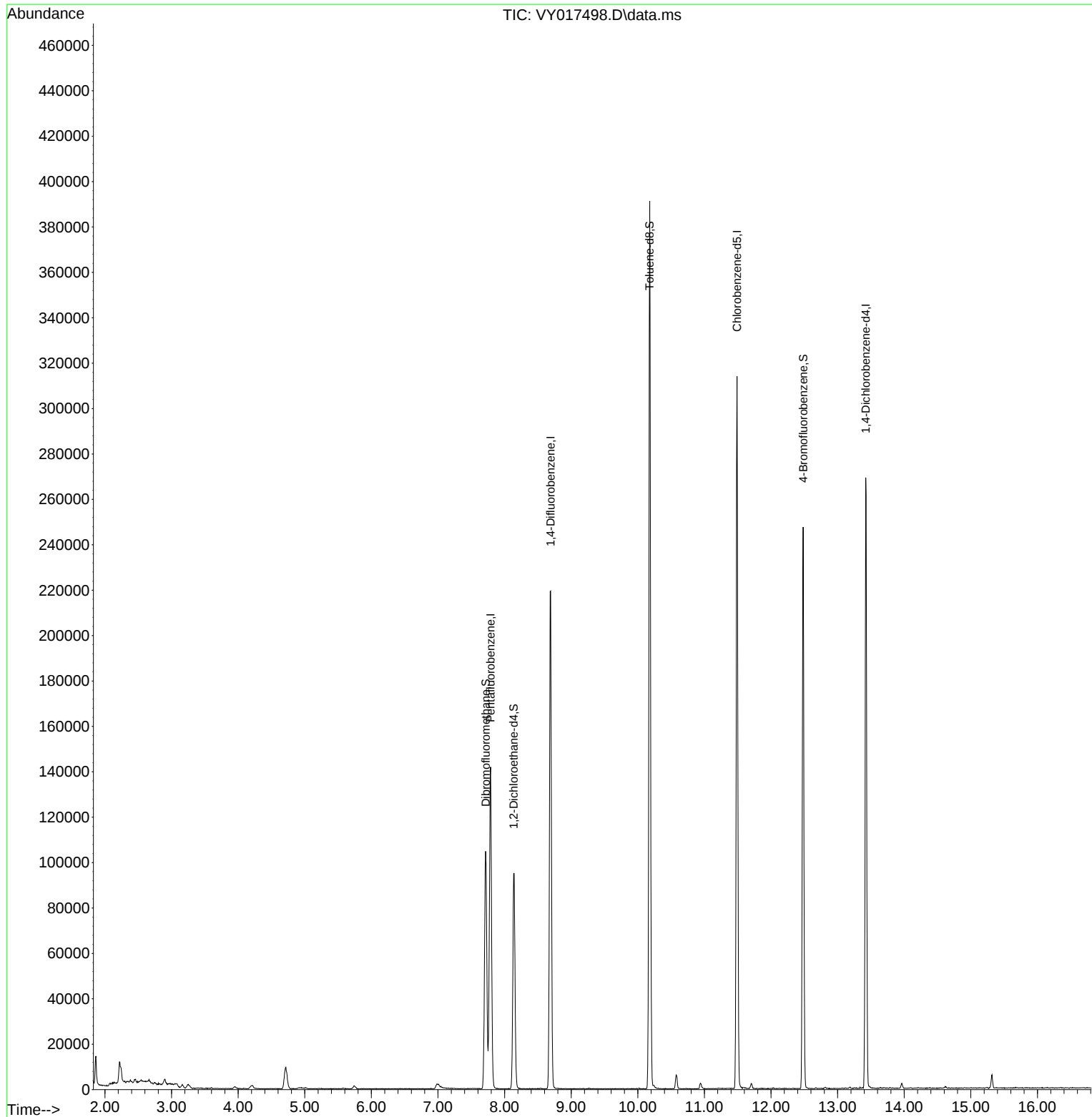
Target Compounds	Qvalue

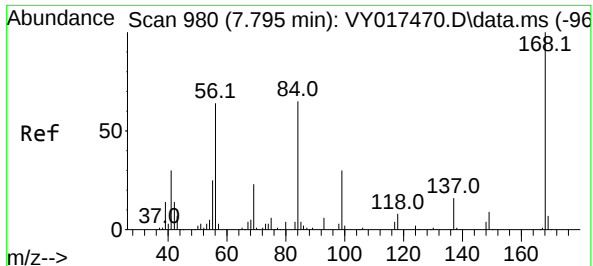
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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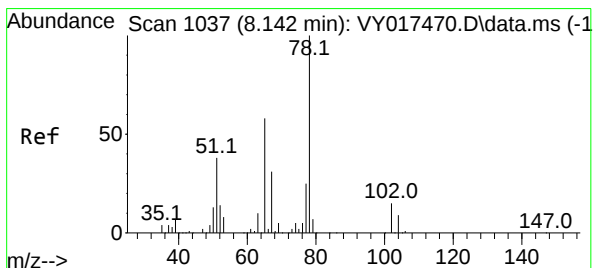
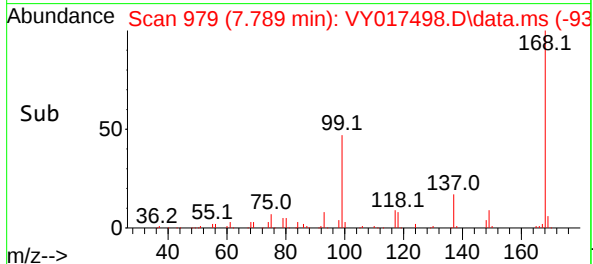
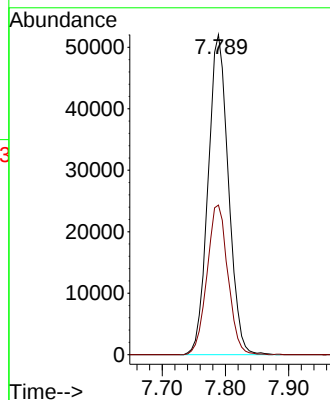
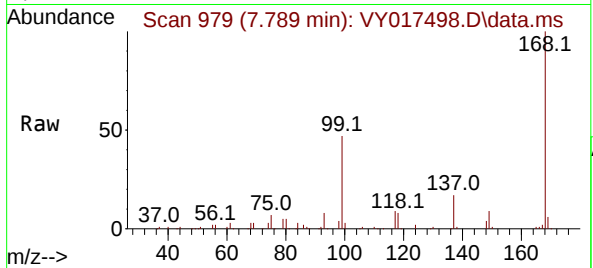




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

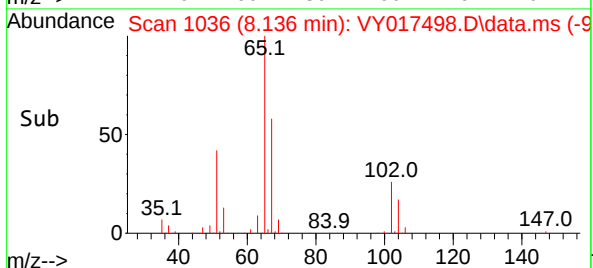
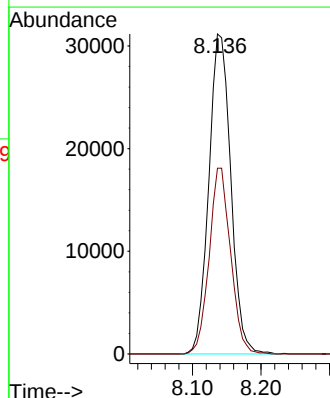
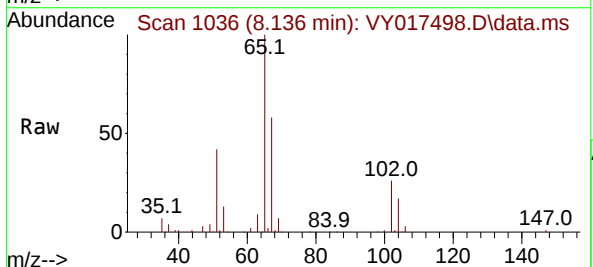
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-17

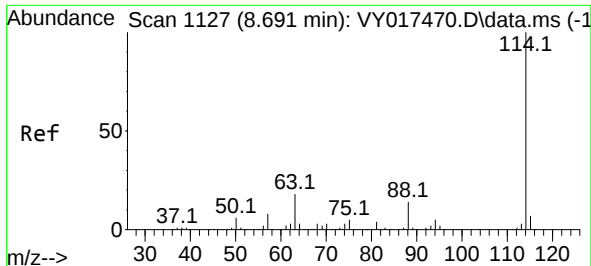
Tgt Ion:168 Resp: 116249
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 63.049 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion: 65 Resp: 69463
Ion Ratio Lower Upper
65 100
67 56.6 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: VY017498.D

Acq: 27 Feb 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-17

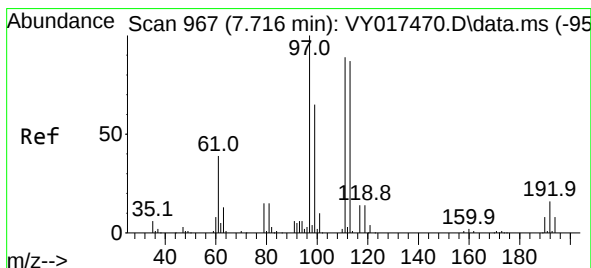
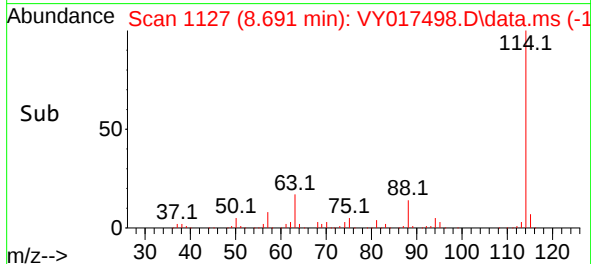
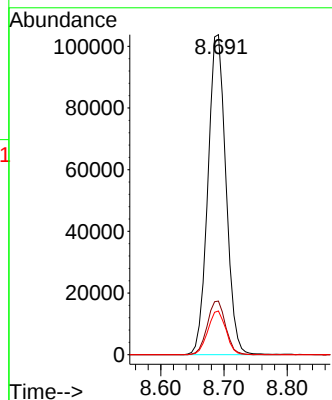
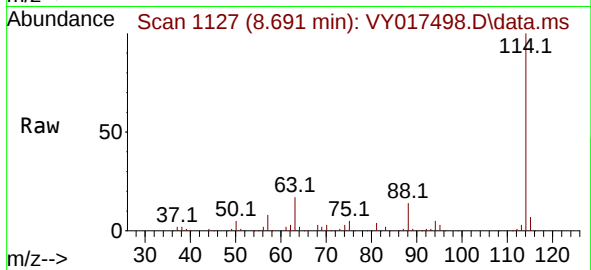
Tgt Ion:114 Resp: 205902

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.421 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017498.D

Acq: 27 Feb 2024 15:53

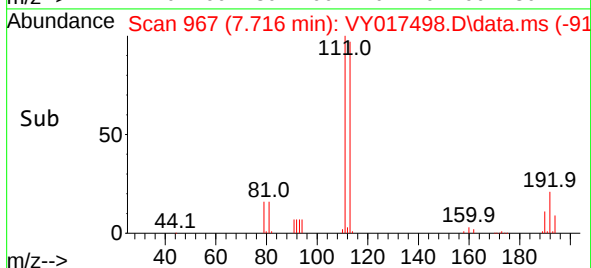
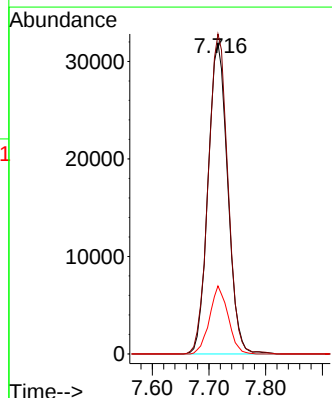
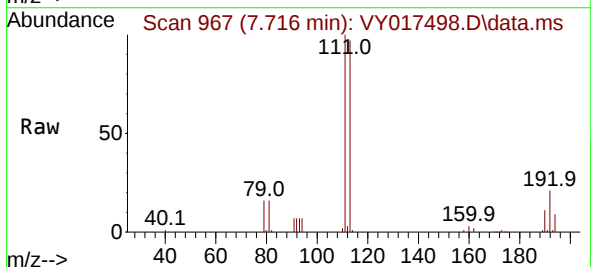
Tgt Ion:113 Resp: 76648

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 20.6 15.9 23.9

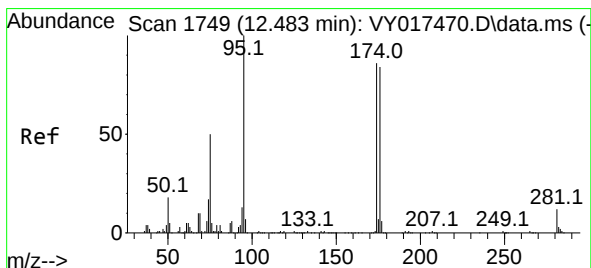
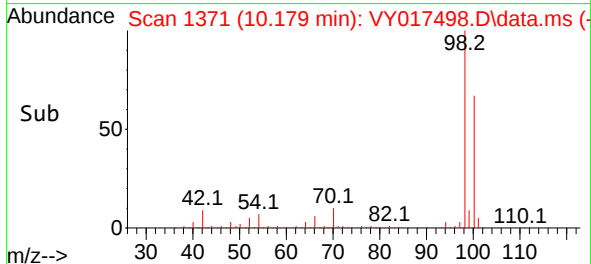
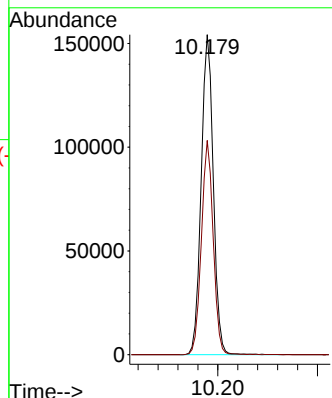
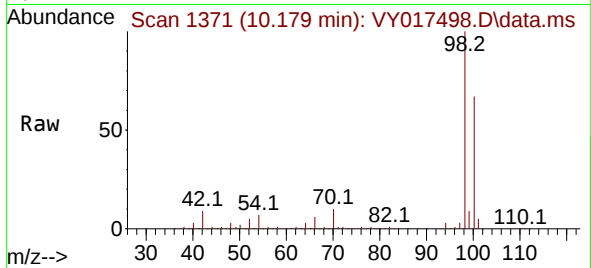




#50
Toluene-d8
Concen: 51.733 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

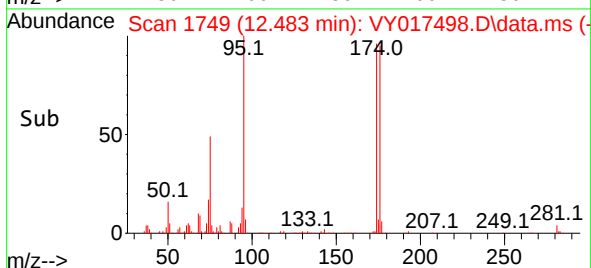
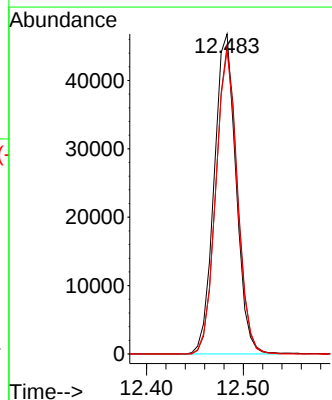
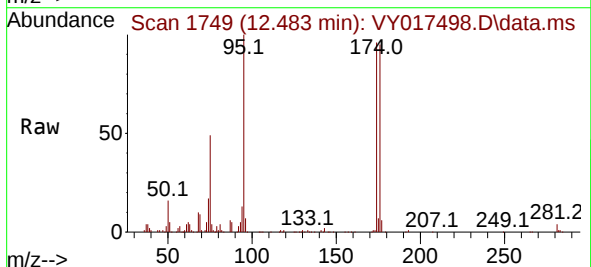
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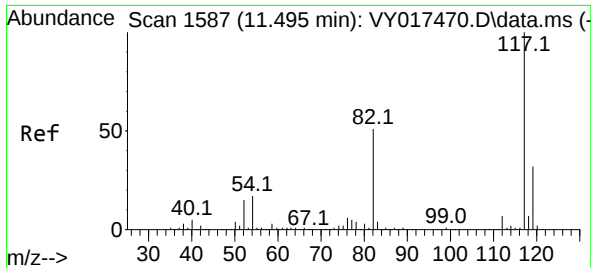
Tgt Ion: 98 Resp: 259522
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion: 95 Resp: 73548
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 92.4 0.0 171.4

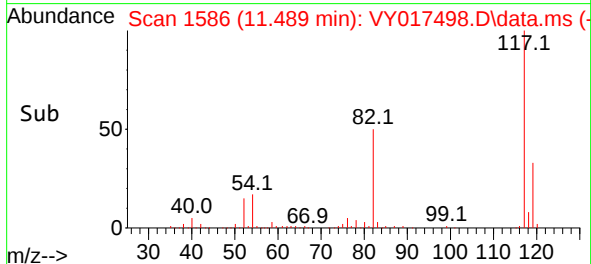
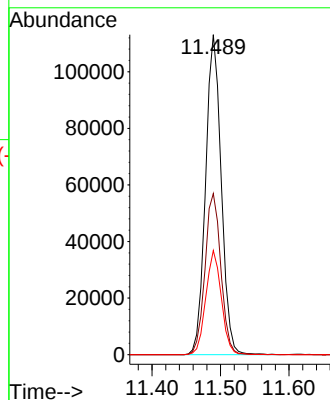
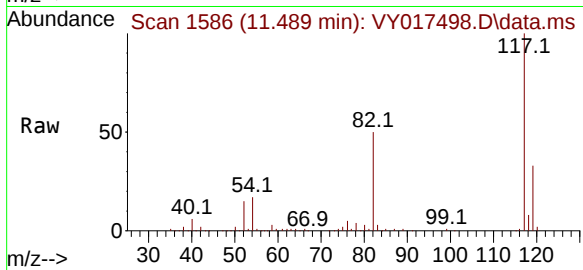




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-17

Tgt Ion:117 Resp: 180162
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY017498.D
Acq: 27 Feb 2024 15:53

Tgt Ion:152 Resp: 74122
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 158.5 0.0 345.6

