

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013431.D
 Acq On : 25 Apr 2023 06:11
 Operator : KP/MD
 Sample : 02423-10
 Misc : 2.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPE-1WC-23-04-18

Quant Time: Apr 25 07:17:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	169466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	288076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109338	58.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.720%
35) Dibromofluoromethane	7.716	113	99587	54.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.920%
50) Toluene-d8	10.179	98	343909	53.356	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.720%
62) 4-Bromofluorobenzene	12.477	95	96498	44.409	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.820%

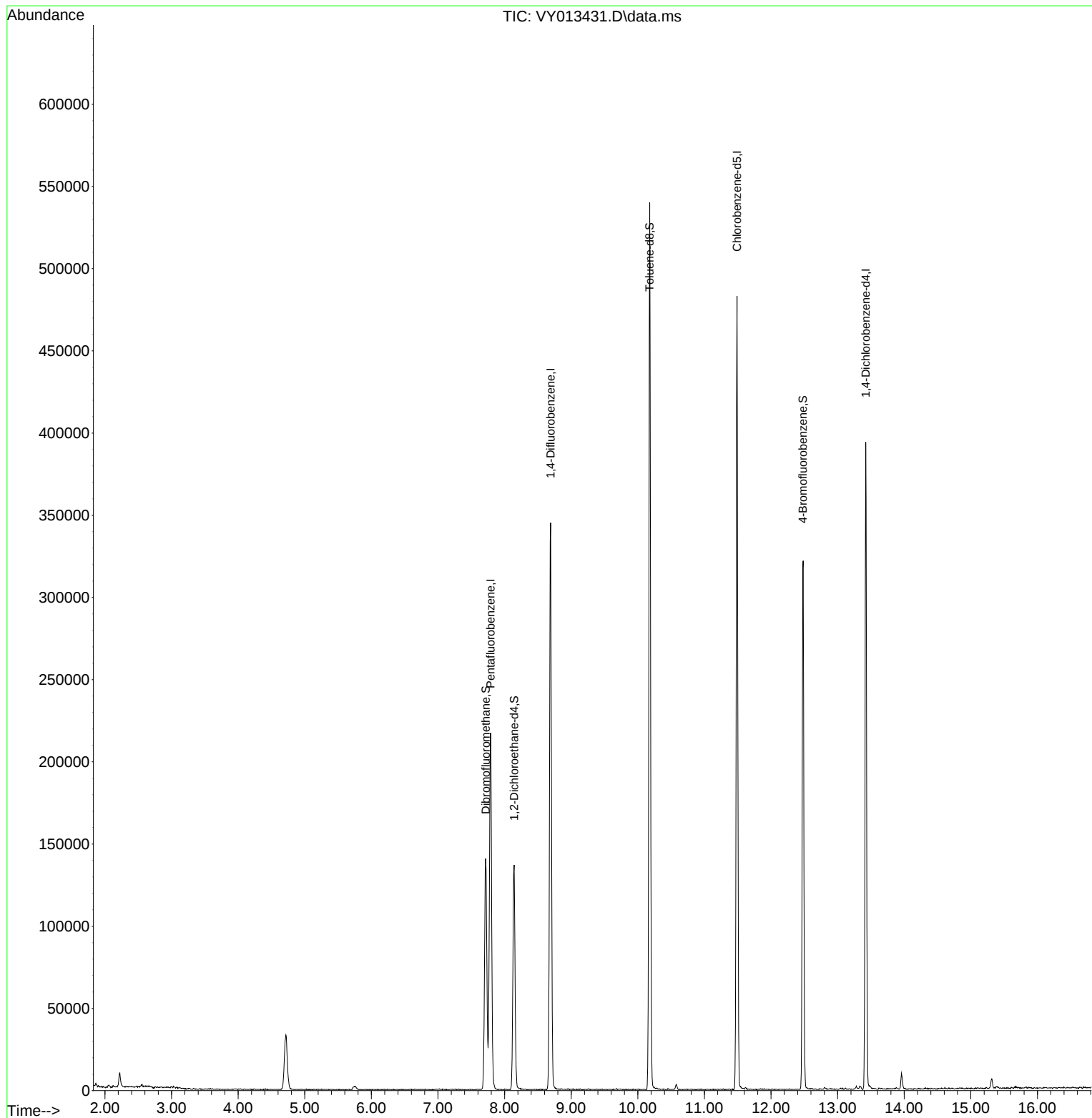
Target Compounds	Qvalue

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

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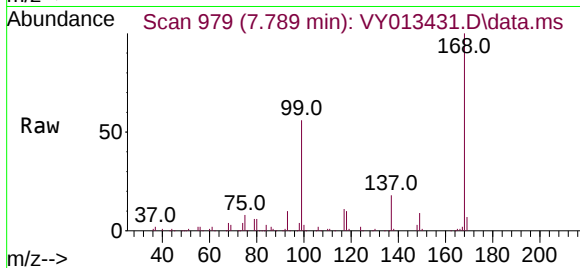
Quant Time: Apr 25 07:17:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
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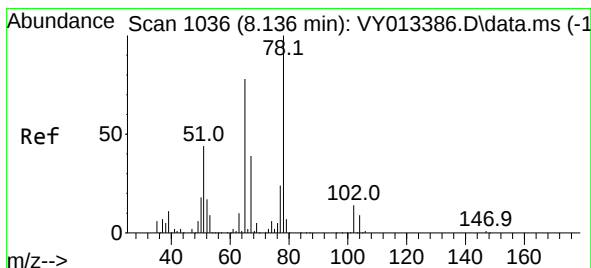
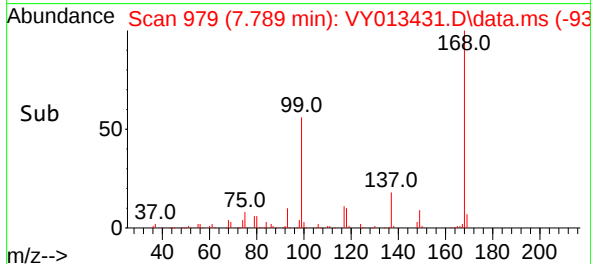
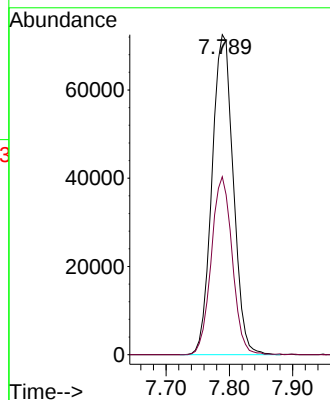


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013431.D
Acq: 25 Apr 2023 06:11

Instrument :
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SPE-1WC-23-04-18

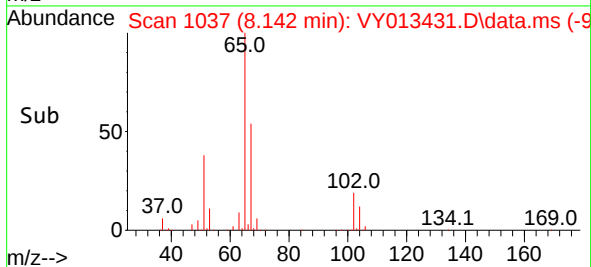
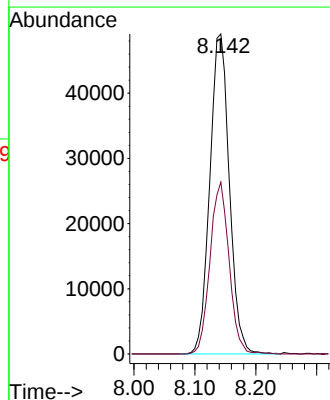
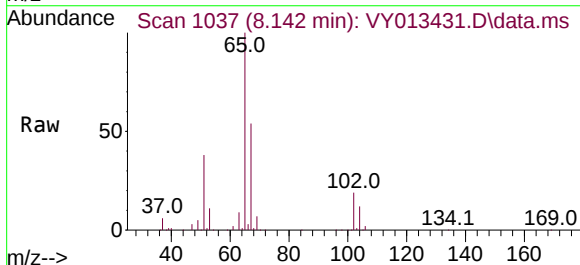


Tgt Ion:168 Resp: 169466
Ion Ratio Lower Upper
168 100
99 55.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 58.856 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013431.D
Acq: 25 Apr 2023 06:11

Tgt Ion: 65 Resp: 109338
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013431.D

Acq: 25 Apr 2023 06:11

Instrument :

MSVOA_Y

ClientSampleId :

SPE-1WC-23-04-18

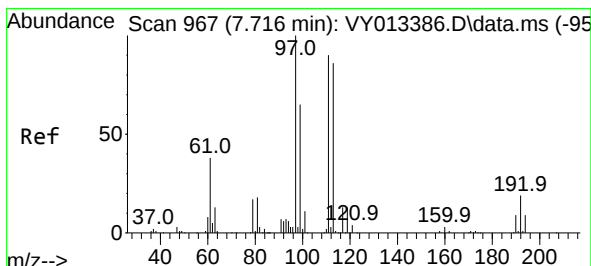
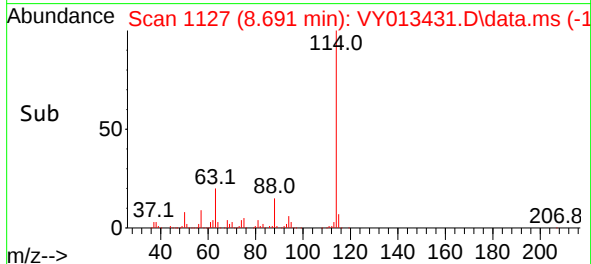
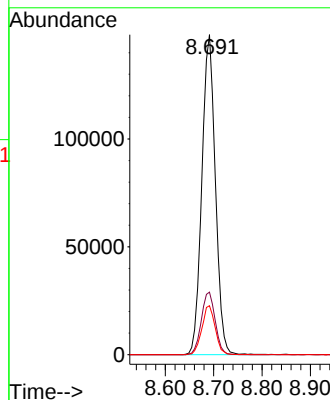
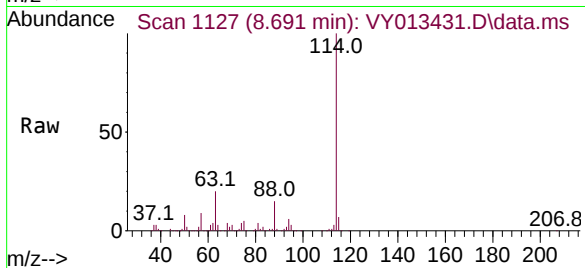
Tgt Ion:114 Resp: 288076

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.6

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.964 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013431.D

Acq: 25 Apr 2023 06:11

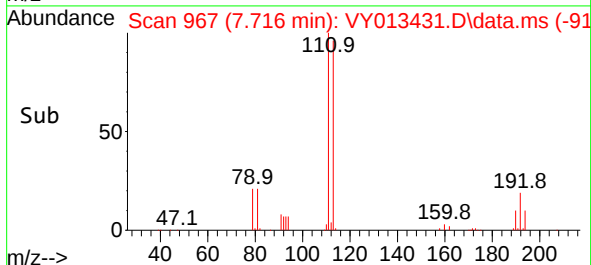
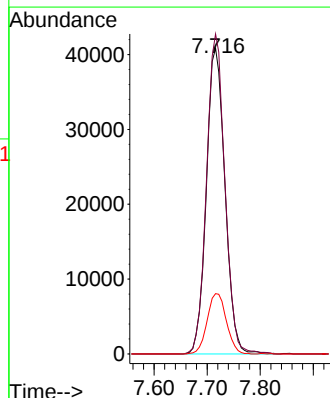
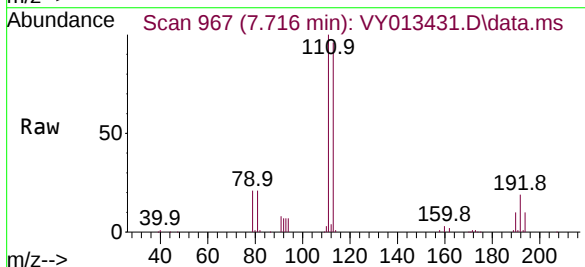
Tgt Ion:113 Resp: 99587

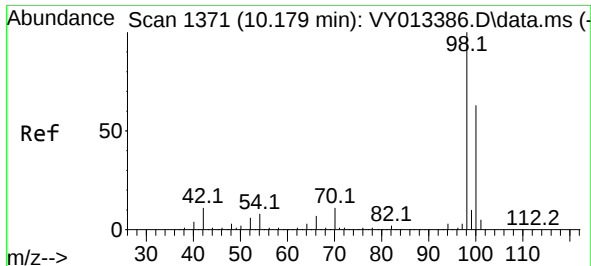
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 20.4 16.7 25.1

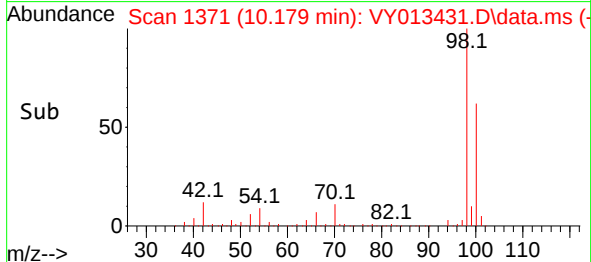
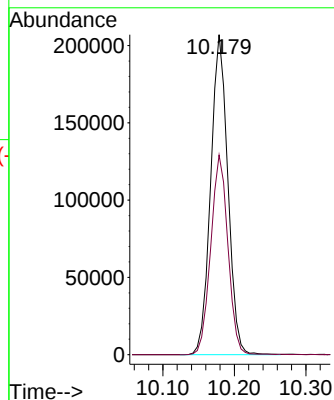
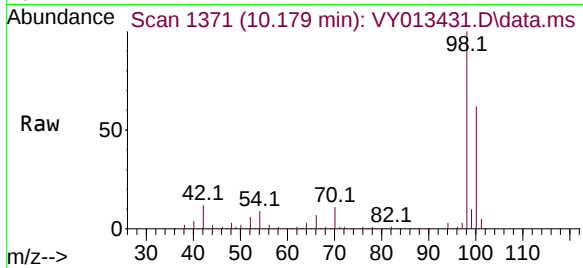




#50
Toluene-d8
Concen: 53.356 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013431.D
Acq: 25 Apr 2023 06:11

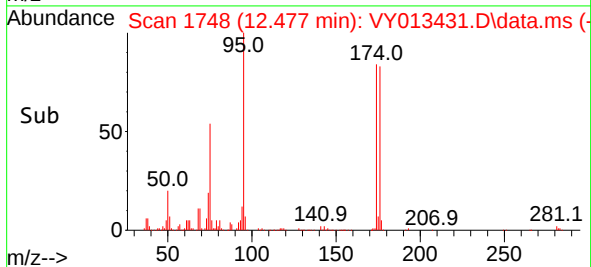
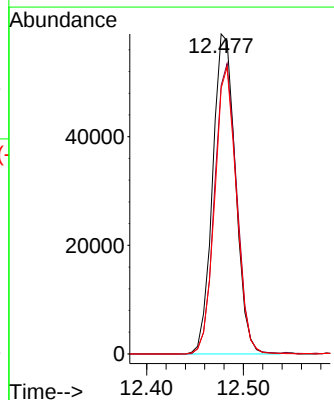
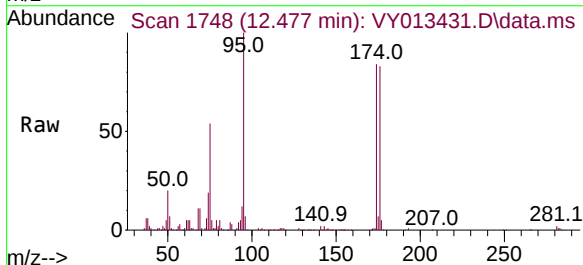
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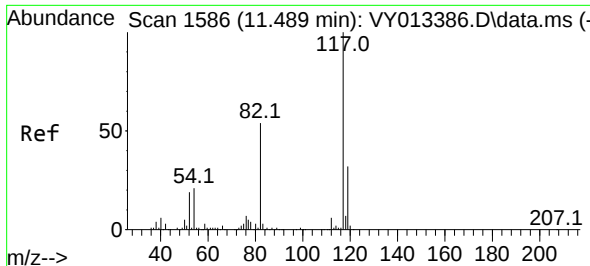
Tgt Ion: 98 Resp: 343909
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.409 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013431.D
Acq: 25 Apr 2023 06:11

Tgt Ion: 95 Resp: 96498
Ion Ratio Lower Upper
95 100
174 88.0 0.0 182.0
176 85.5 0.0 175.4

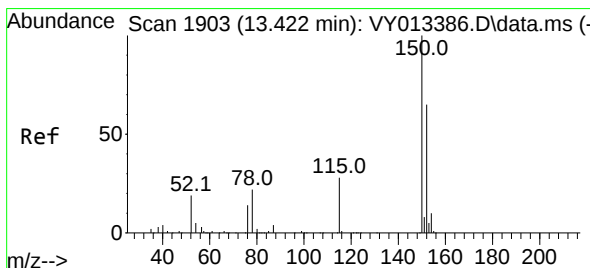
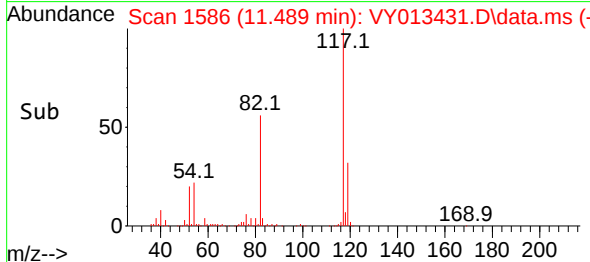
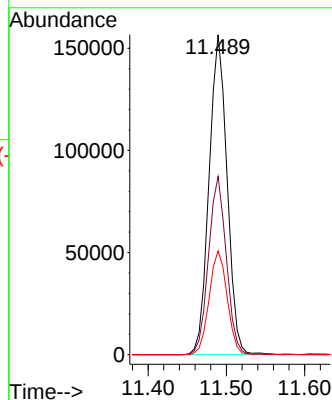
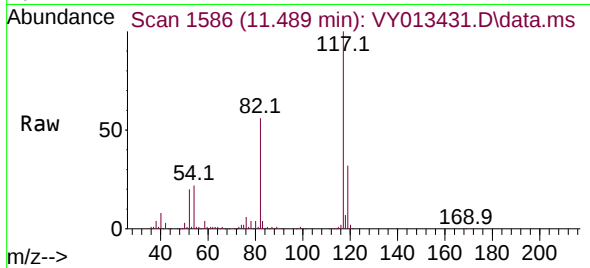




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013431.D
Acq: 25 Apr 2023 06:11

Instrument :
MSVOA_Y
ClientSampleId :
SPE-1WC-23-04-18

Tgt Ion:117 Resp: 250129
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.6
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013431.D
Acq: 25 Apr 2023 06:11

Tgt Ion:152 Resp: 100326
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 155.4 0.0 352.0

