

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017582.D
 Acq On : 06 Mar 2024 10:14
 Operator : SY/MD
 Sample : VY0306SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBL02

Quant Time: Mar 07 02:04:27 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	115129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59050	54.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.240%
35) Dibromofluoromethane	7.722	113	66892	46.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.760%
50) Toluene-d8	10.179	98	232484	46.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.483	95	61881	39.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.940%

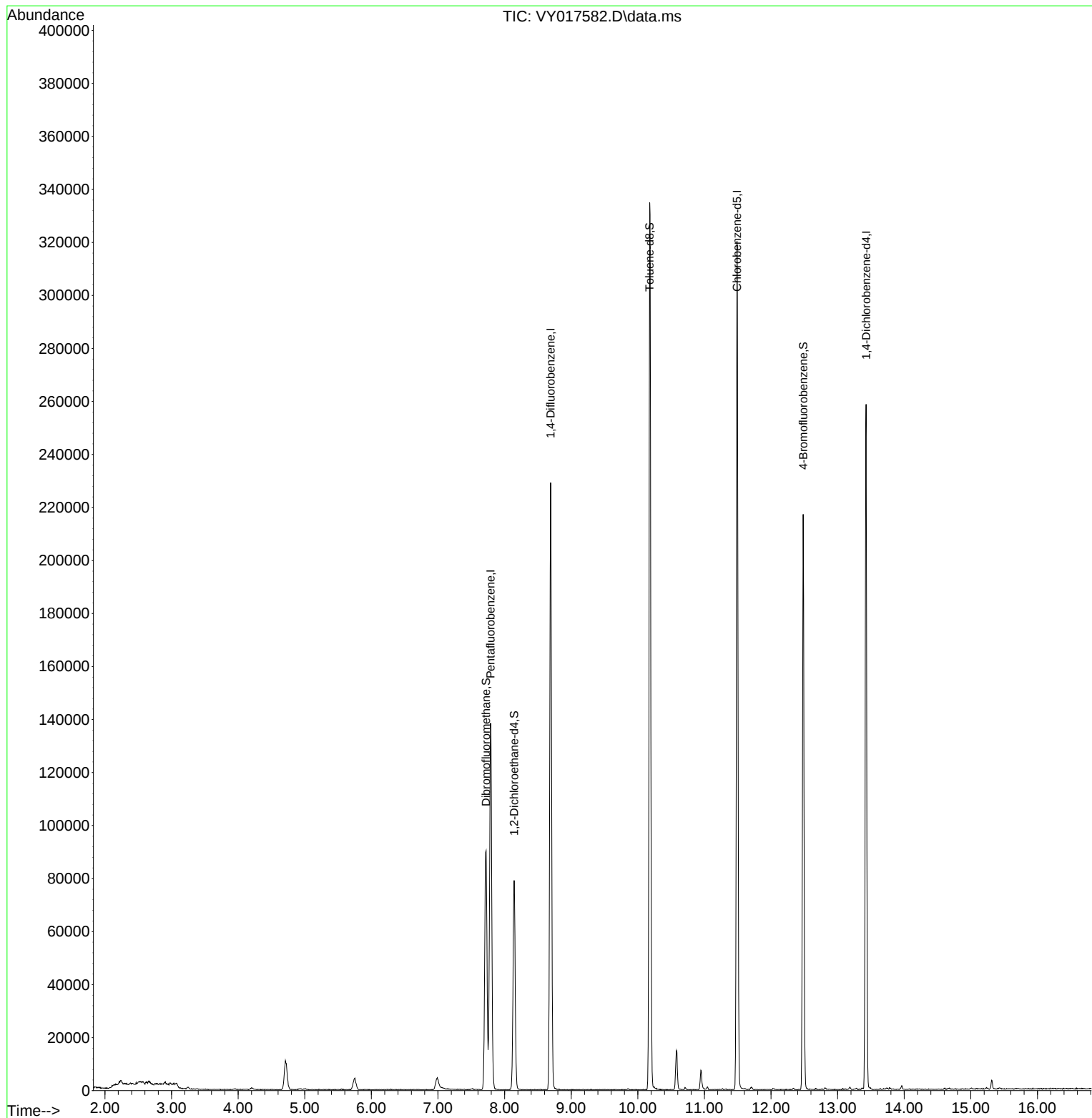
Target Compounds	Qvalue

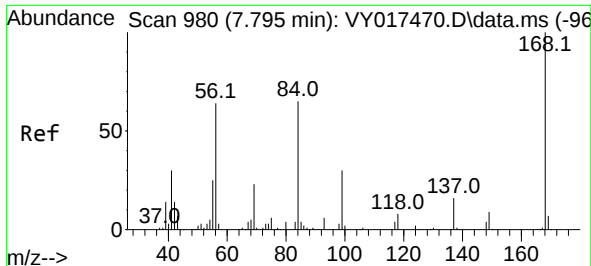
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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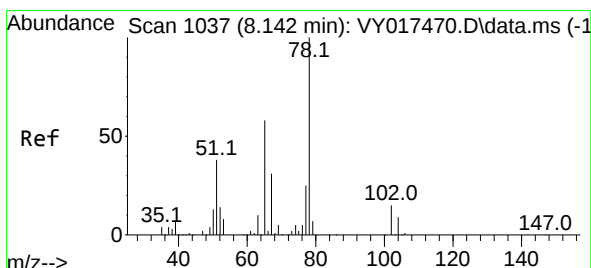
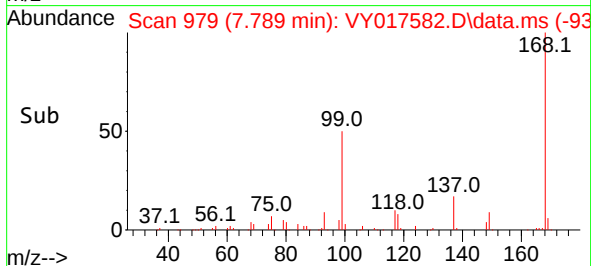
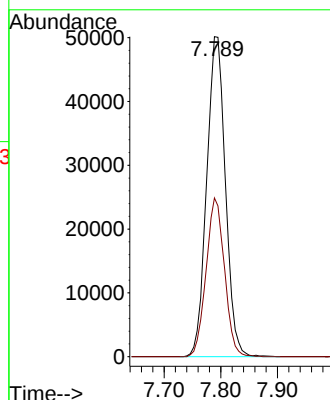
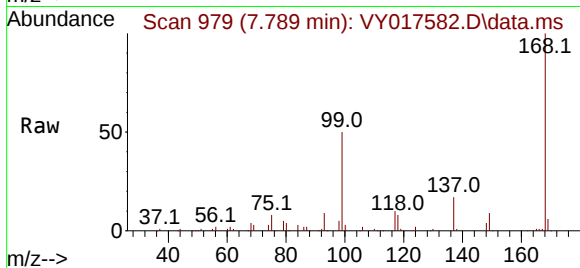




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

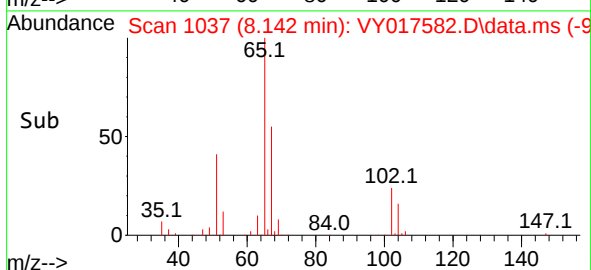
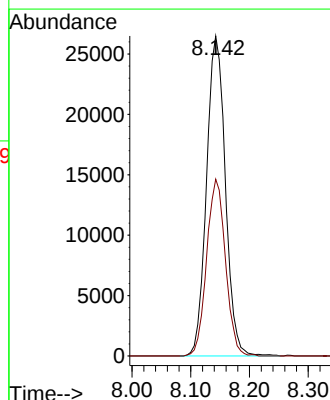
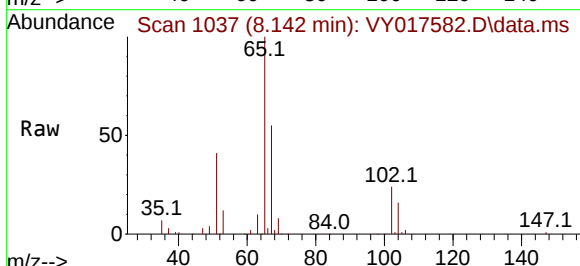
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL02

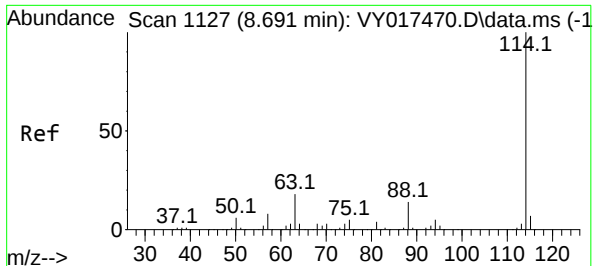
Tgt Ion:168 Resp: 115129
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.119 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

Tgt Ion: 65 Resp: 59050
Ion Ratio Lower Upper
65 100
67 55.2 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: VY017582.D

Acq: 06 Mar 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBL02

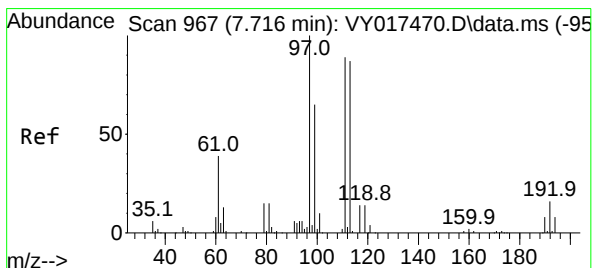
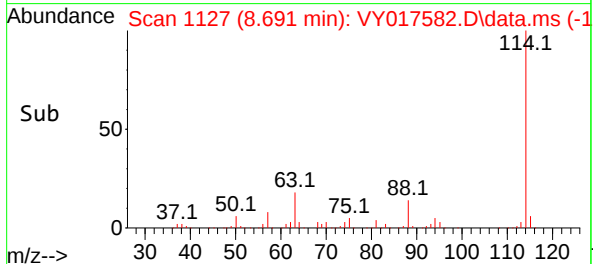
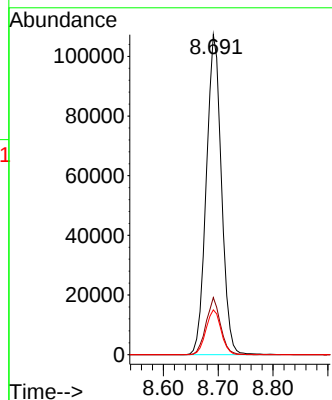
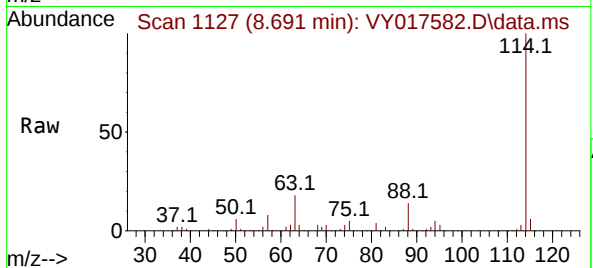
Tgt Ion:114 Resp: 204763

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.881 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017582.D

Acq: 06 Mar 2024 10:14

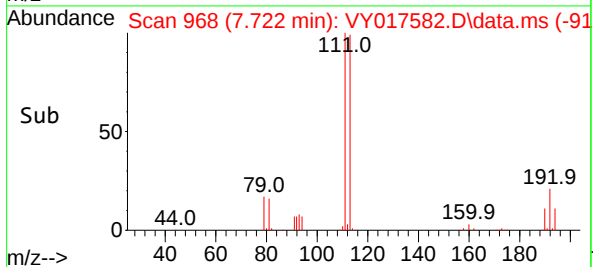
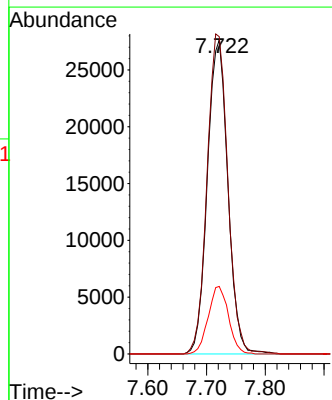
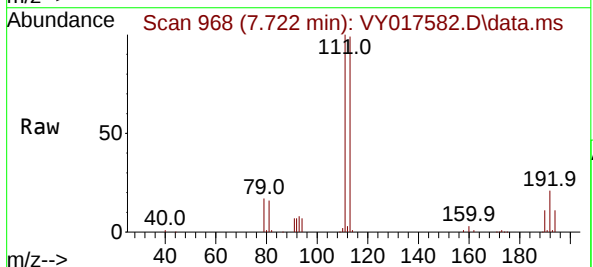
Tgt Ion:113 Resp: 66892

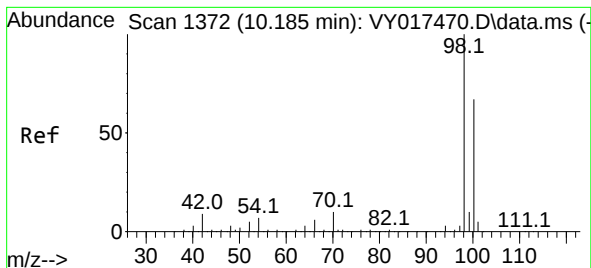
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 21.3 15.9 23.9

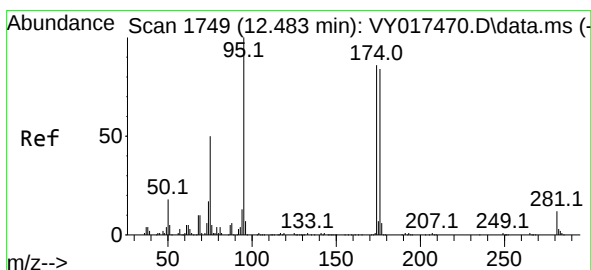
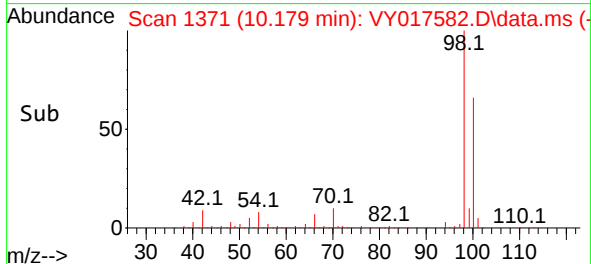
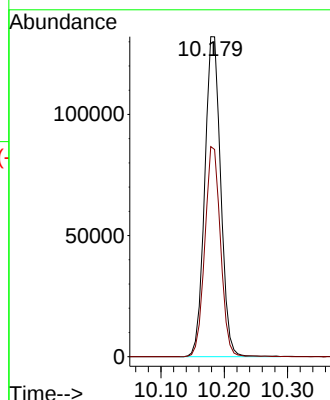
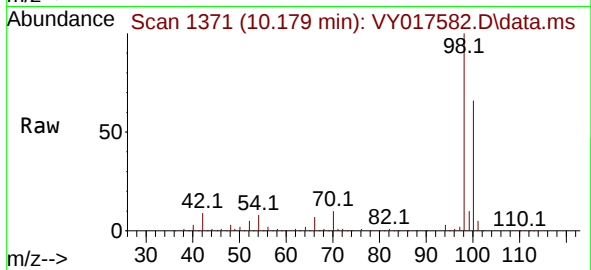




#50
Toluene-d8
Concen: 46.601 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

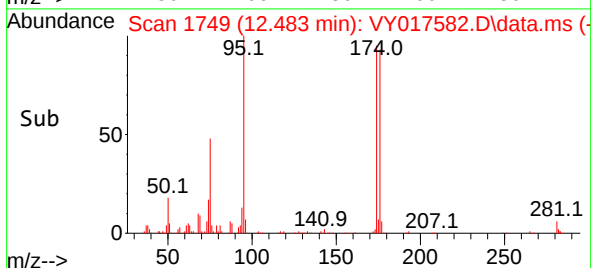
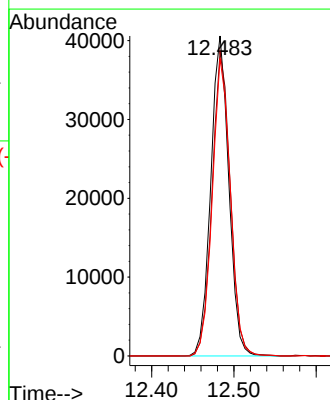
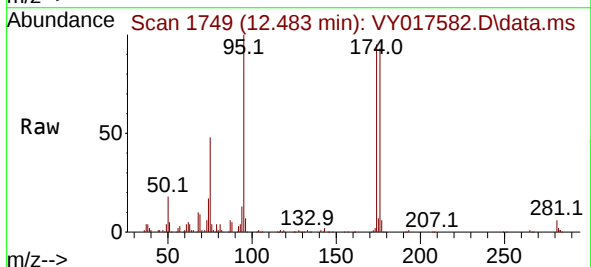
Instrument :
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ClientSampleId :
VY0306SBL02

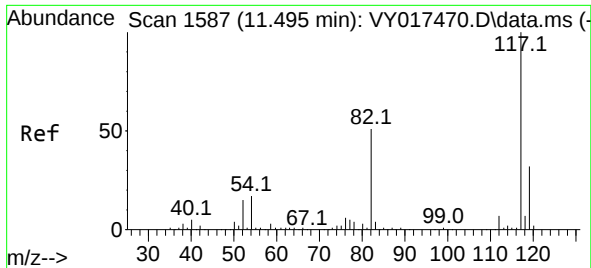
Tgt Ion: 98 Resp: 232484
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

Tgt Ion: 95 Resp: 61881
Ion Ratio Lower Upper
95 100
174 96.4 0.0 175.6
176 93.1 0.0 171.4

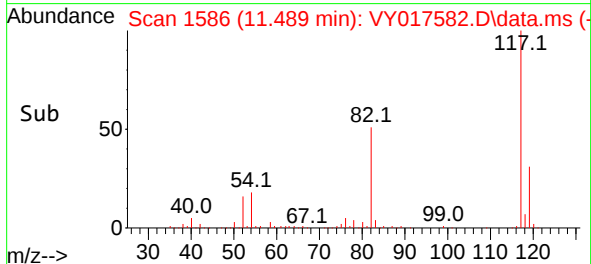
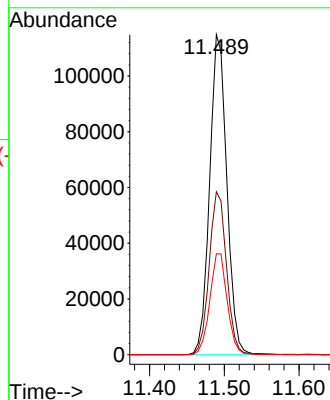
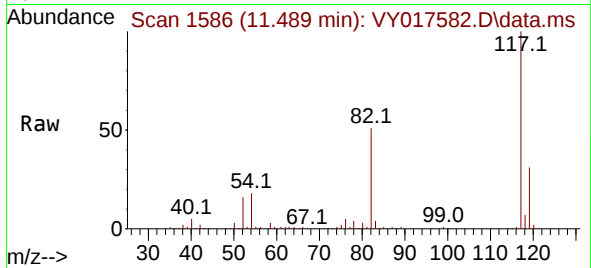




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL02

Tgt Ion:117 Resp: 183415
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 31.5 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: VY017582.D
Acq: 06 Mar 2024 10:14

Tgt Ion:152 Resp: 69308
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 159.0 0.0 345.6

