

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
 Data File : VY018665.D
 Acq On : 21 Jun 2024 13:17
 Operator : SY/MD
 Sample : P2998-03
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPL-VOC

Quant Time: Jun 21 22:59:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	113052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	210290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	194026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	62186	54.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.280%
35) Dibromofluoromethane	7.704	113	65851	51.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.660%
50) Toluene-d8	10.173	98	247058	50.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.477	95	74281	47.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.360%

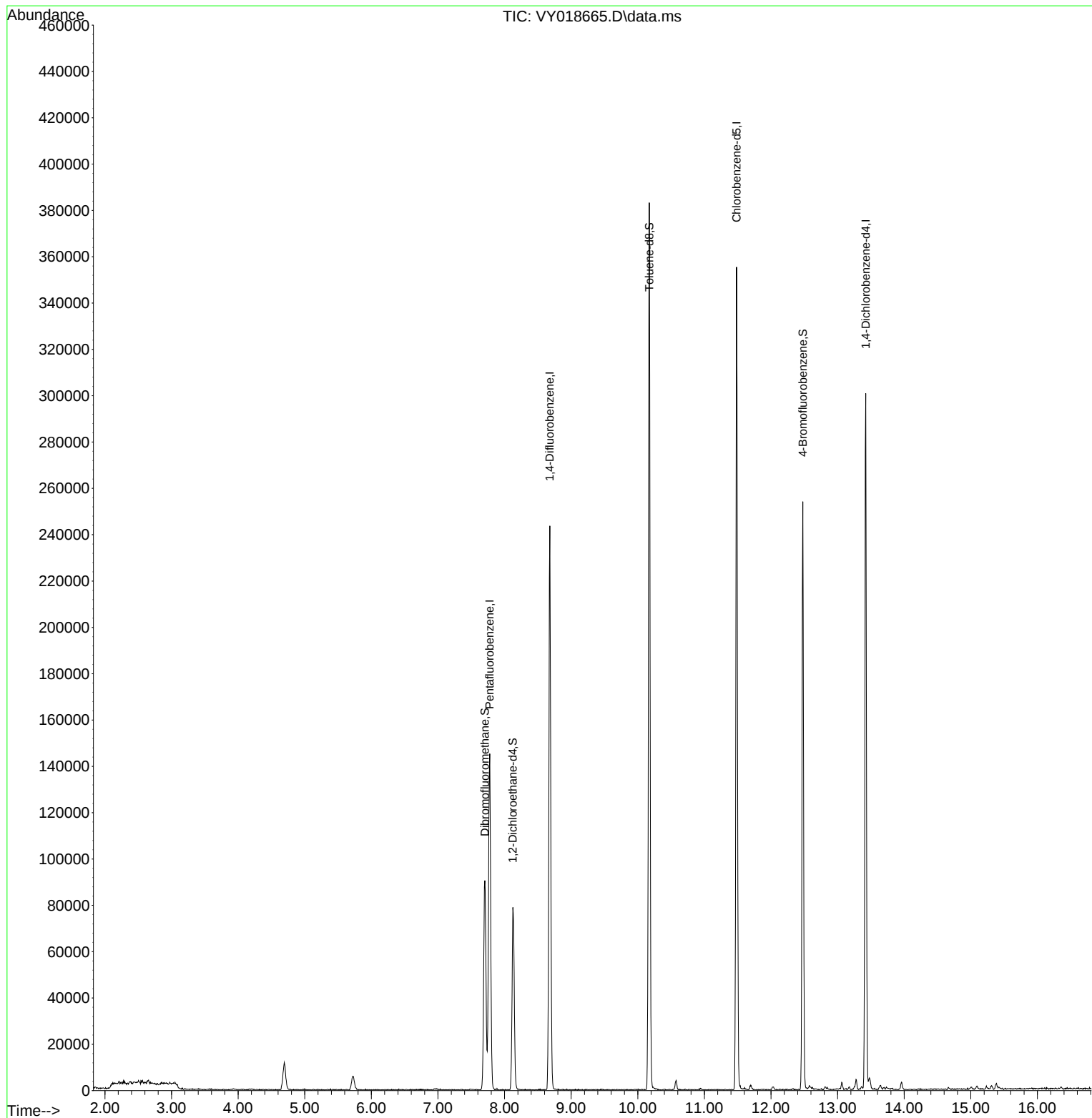
Target Compounds	Qvalue

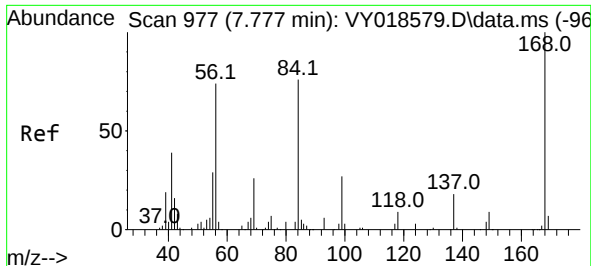
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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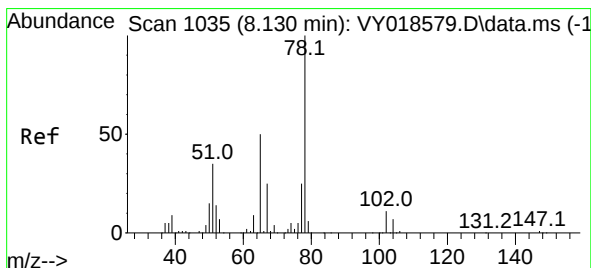
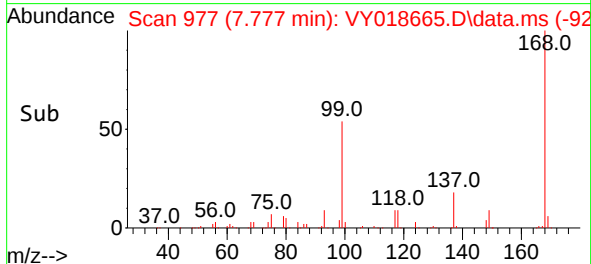
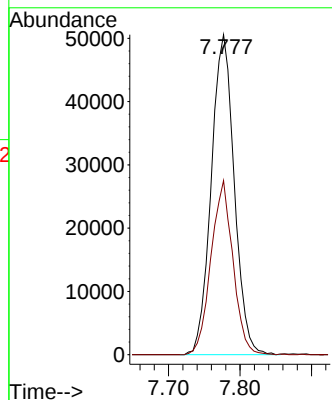
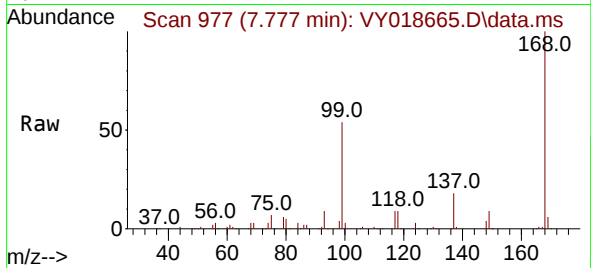




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

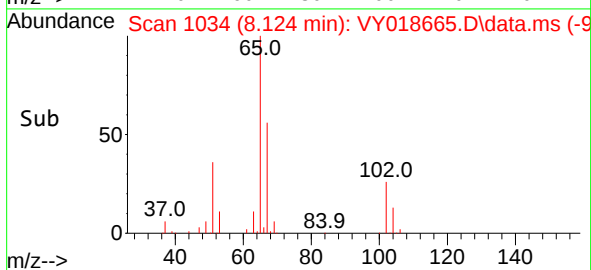
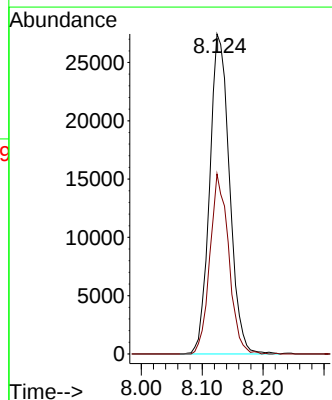
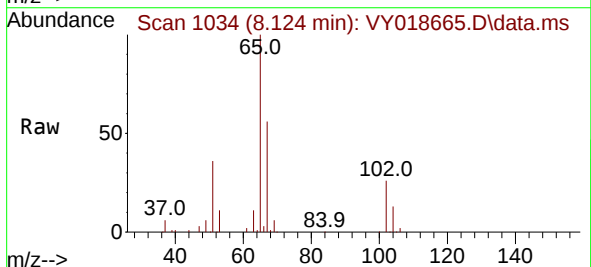
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPL-VOC

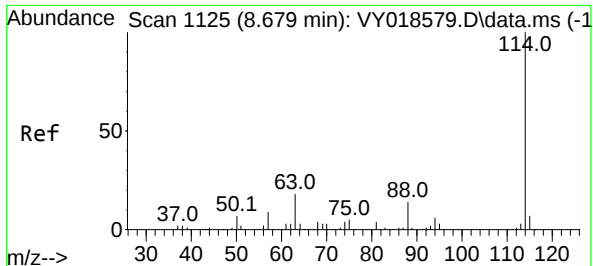
Tgt Ion:168 Resp: 113052
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.636 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Tgt Ion: 65 Resp: 62186
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018665.D

Acq: 21 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPL-VOC

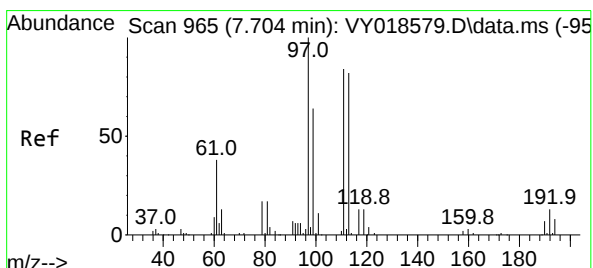
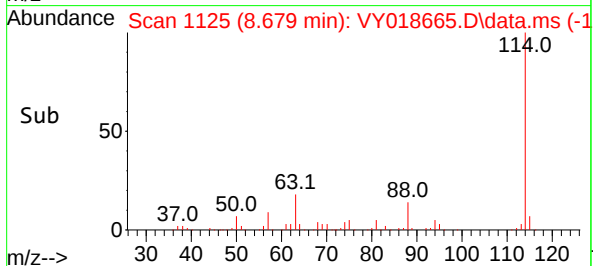
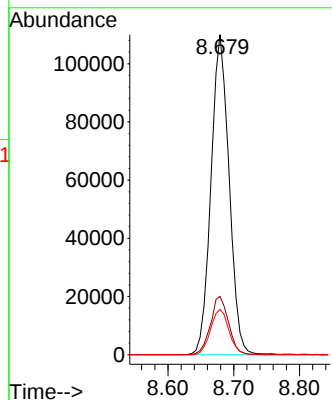
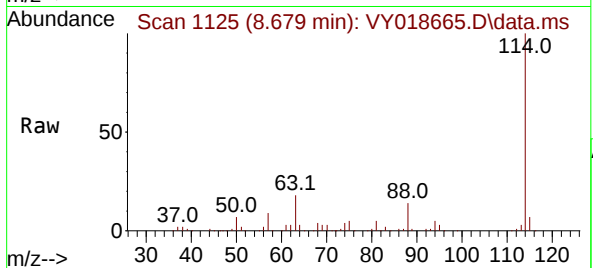
Tgt Ion:114 Resp: 210290

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.334 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018665.D

Acq: 21 Jun 2024 13:17

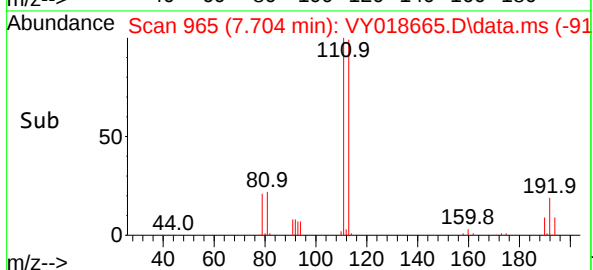
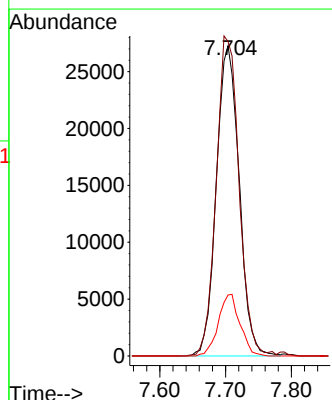
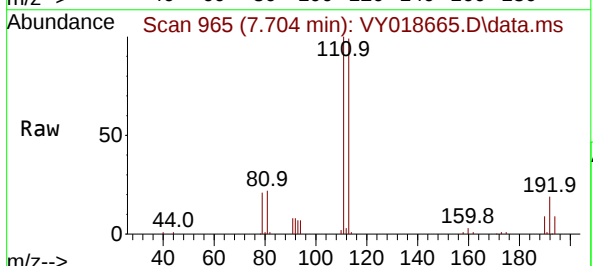
Tgt Ion:113 Resp: 65851

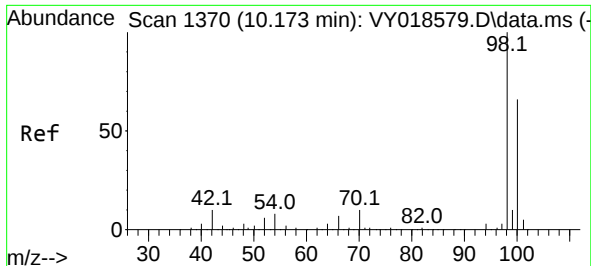
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 18.8 15.9 23.9

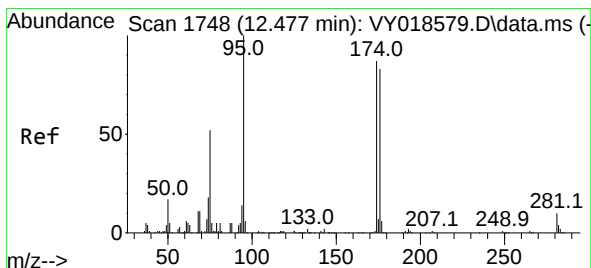
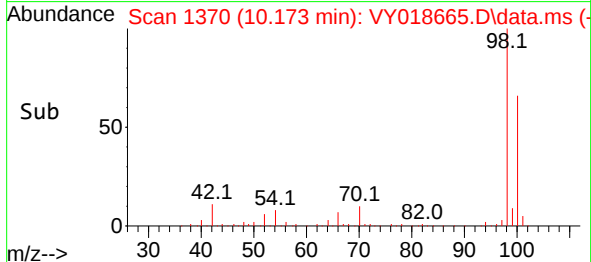
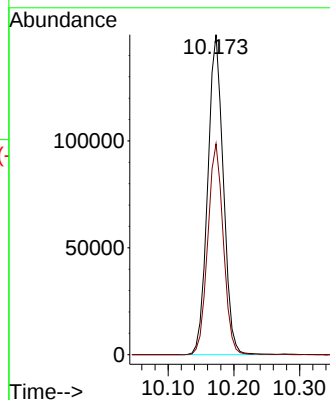
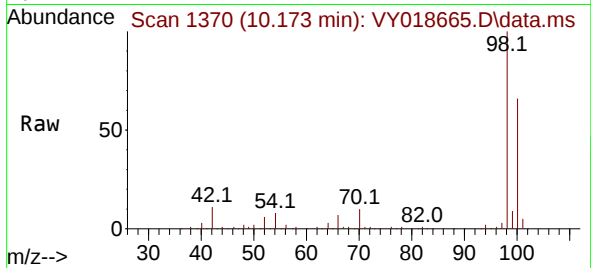




#50
Toluene-d8
Concen: 50.081 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

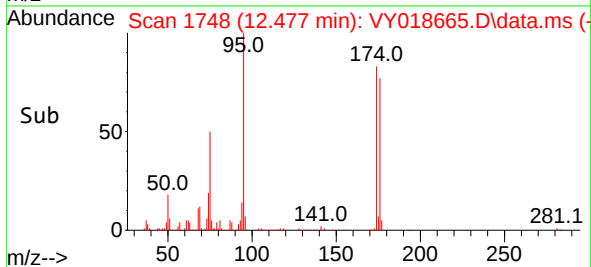
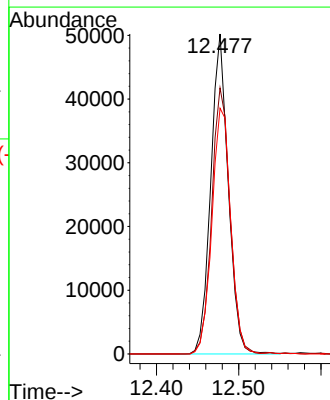
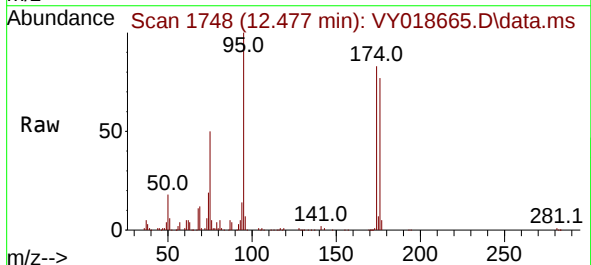
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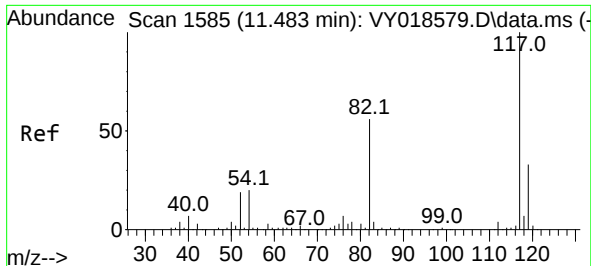
Tgt Ion: 98 Resp: 247058
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Tgt Ion: 95 Resp: 74281
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 82.7 0.0 171.4

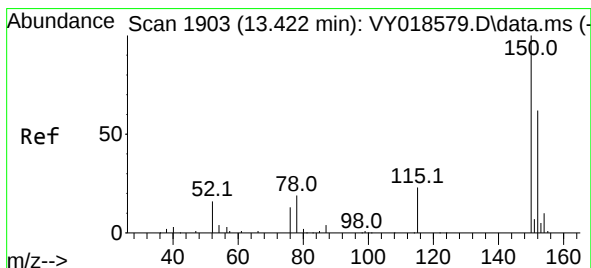
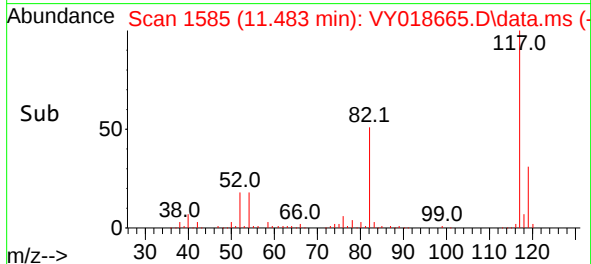
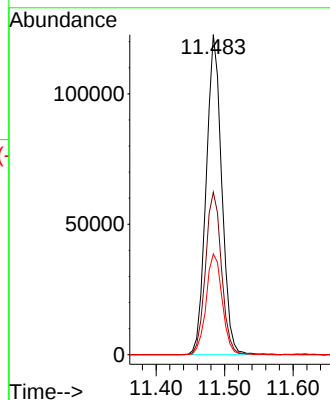
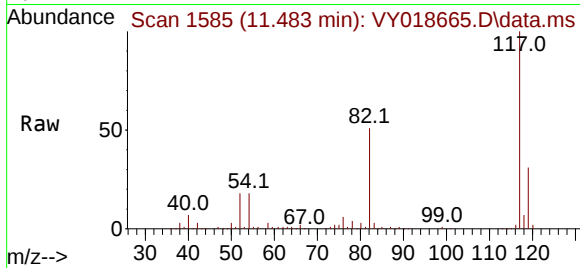




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPL-VOC

Tgt Ion:117 Resp: 194026
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Tgt Ion:152 Resp: 76962
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 159.7 0.0 345.6

