

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016935.D
 Acq On : 08 Jan 2024 14:28
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Jan 09 06:36:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	116695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	249524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	242177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57273	49.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.320%
35) Dibromofluoromethane	7.734	113	61138	38.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.900%
50) Toluene-d8	10.191	98	229158	41.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.700%
62) 4-Bromofluorobenzene	12.495	95	75564	40.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.800%

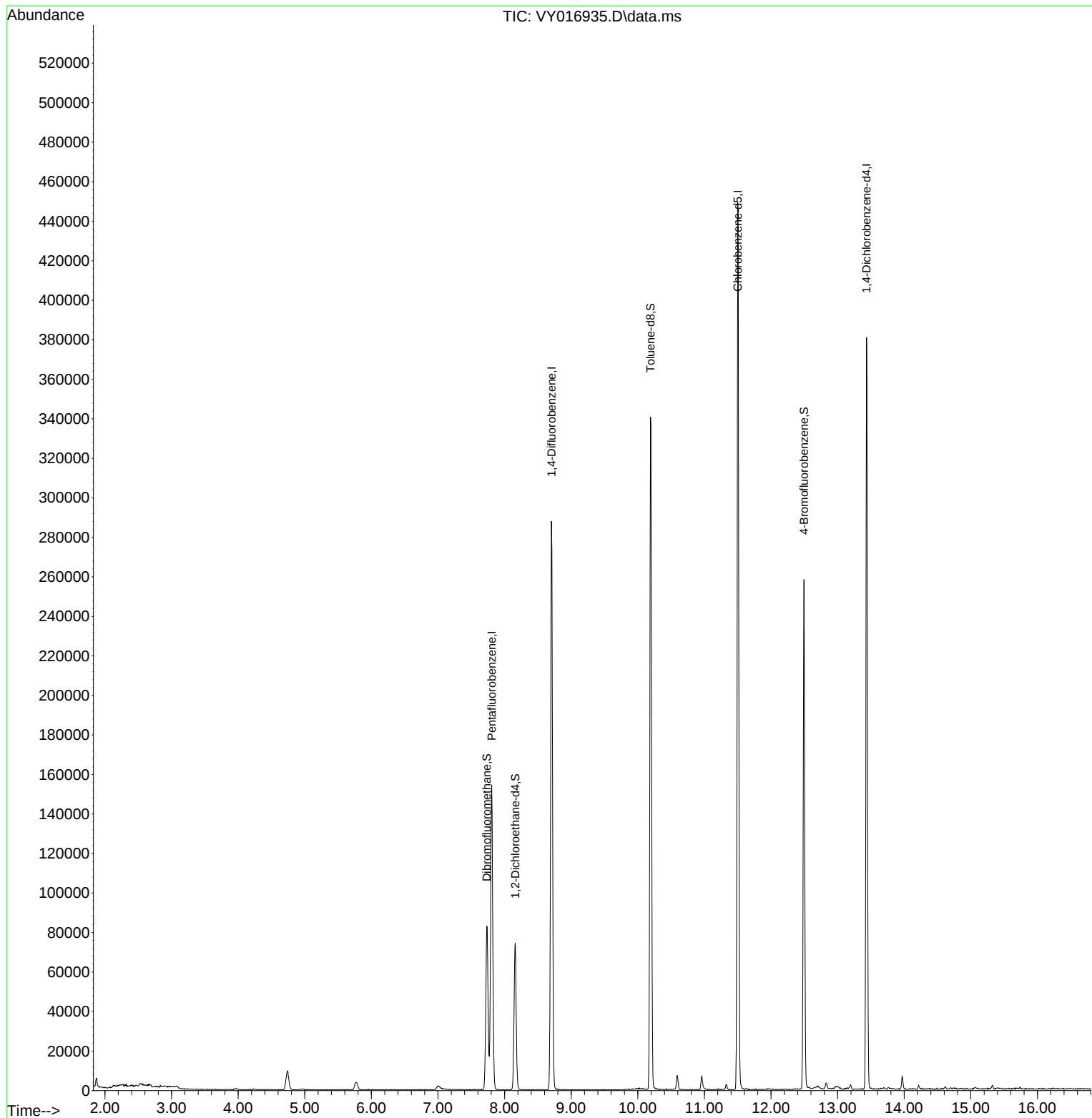
Target Compounds	Qvalue

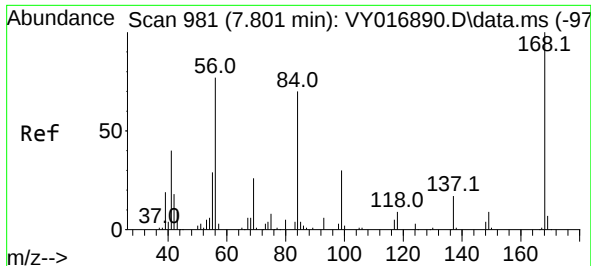
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
Data File : VY016935.D
Acq On : 08 Jan 2024 14:28
Operator : SY/MD
Sample : BLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BLK

Quant Time: Jan 09 06:36:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

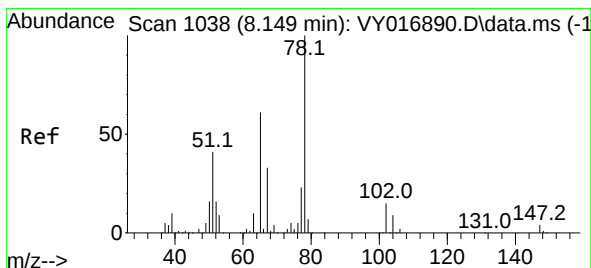
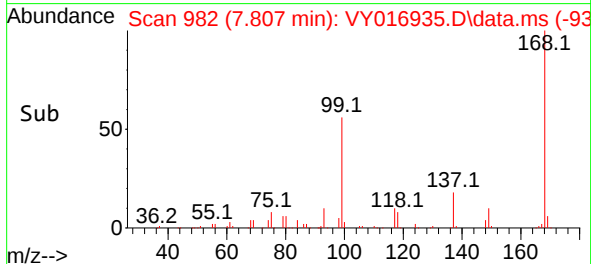
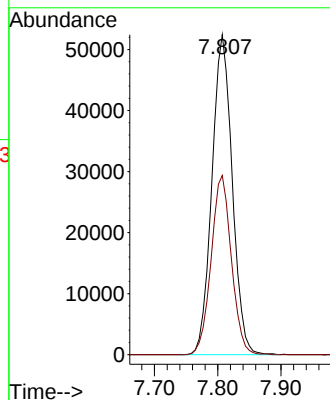
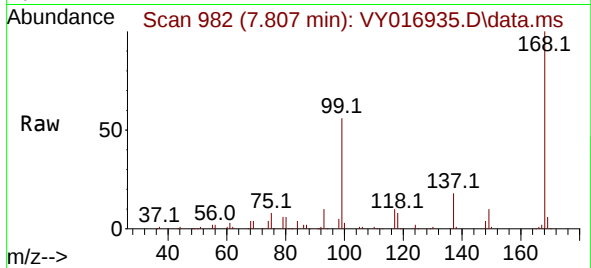




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

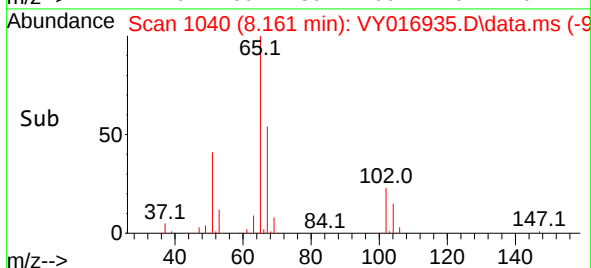
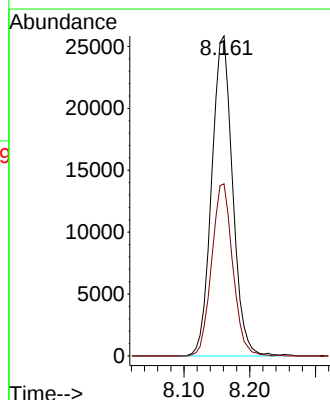
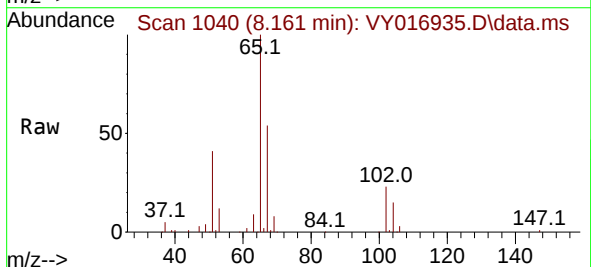
Instrument :
MSVOA_Y
ClientSampleId :
BLK

Tgt Ion:168 Resp: 116695
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.657 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Tgt Ion: 65 Resp: 57273
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016935.D

Acq: 08 Jan 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

BLK

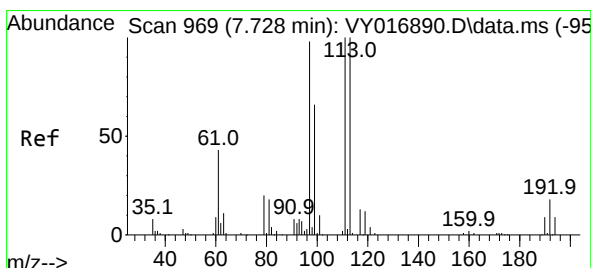
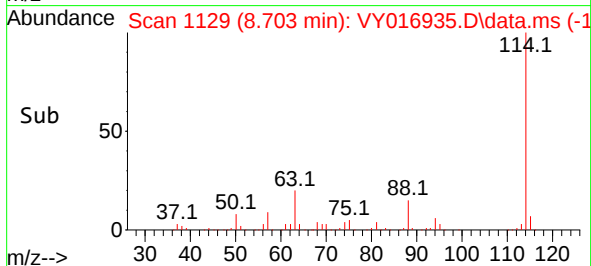
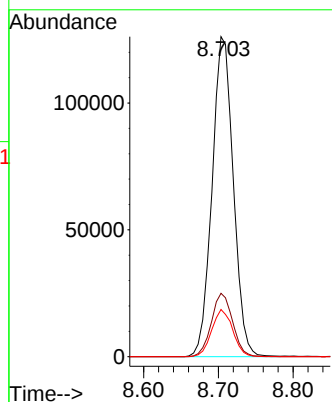
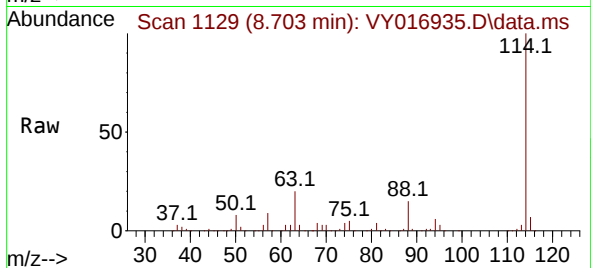
Tgt Ion:114 Resp: 249524

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.450 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016935.D

Acq: 08 Jan 2024 14:28

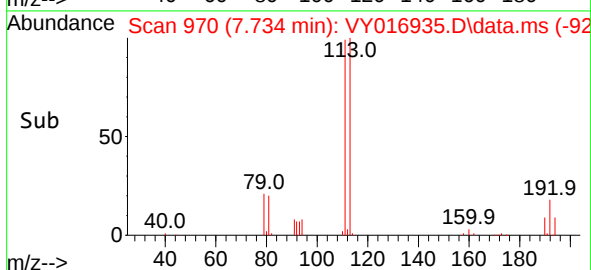
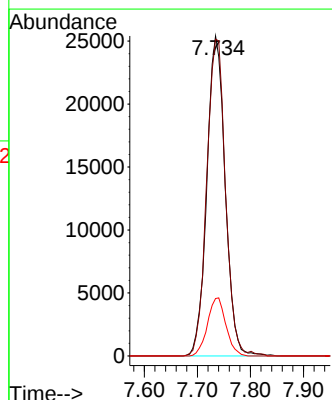
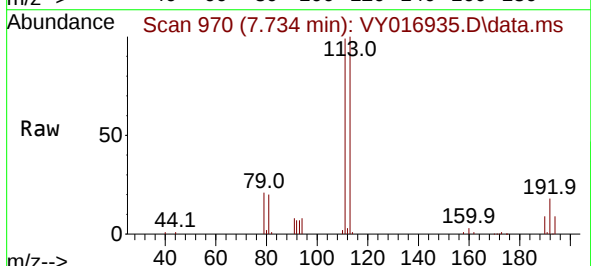
Tgt Ion:113 Resp: 61138

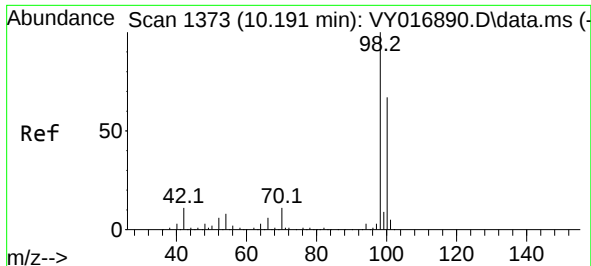
Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 18.3 14.5 21.7

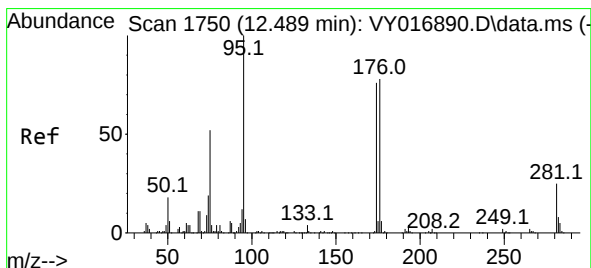
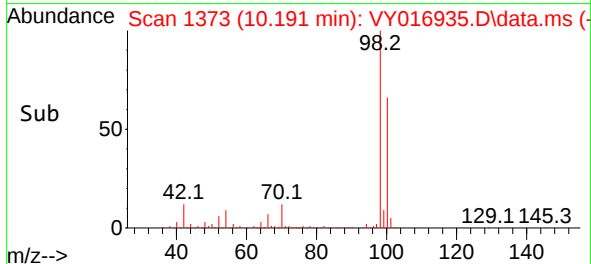
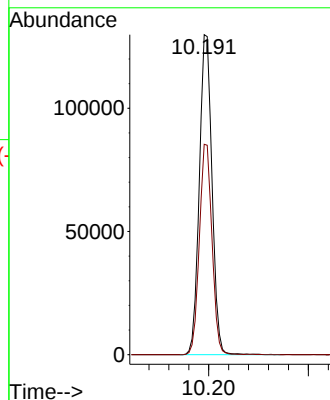
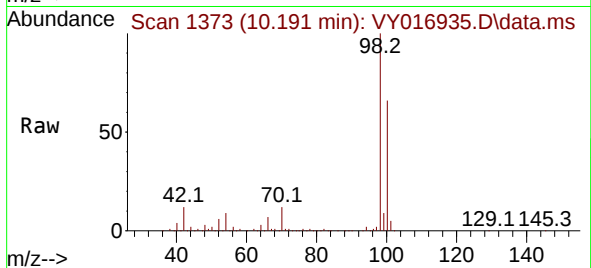




#50
Toluene-d8
Concen: 41.852 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

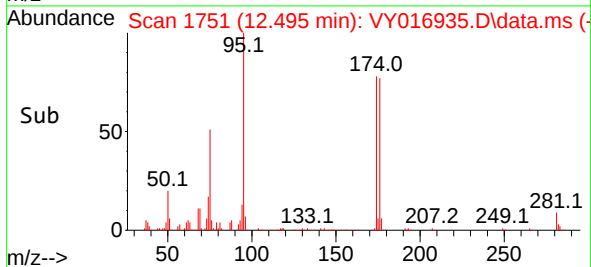
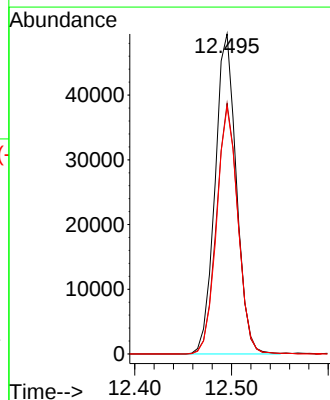
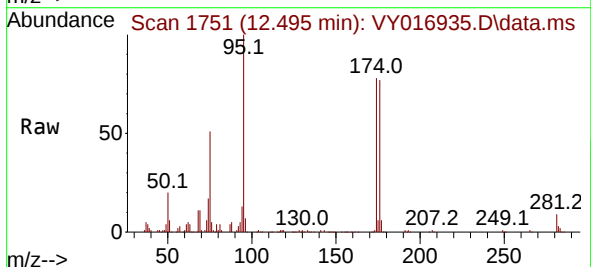
Instrument :
MSVOA_Y
ClientSampleId :
BLK

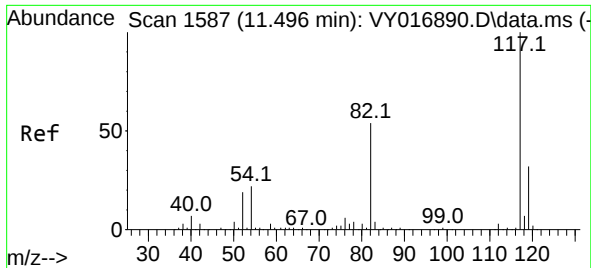
Tgt Ion: 98 Resp: 229158
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 40.904 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Tgt Ion: 95 Resp: 75564
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.0
176 77.0 0.0 151.8

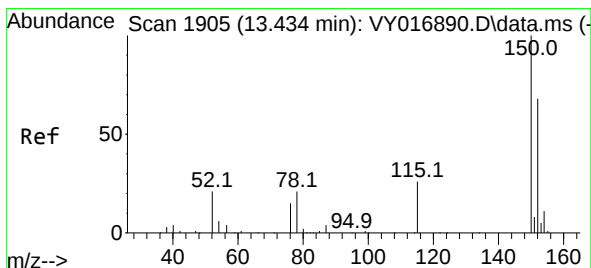
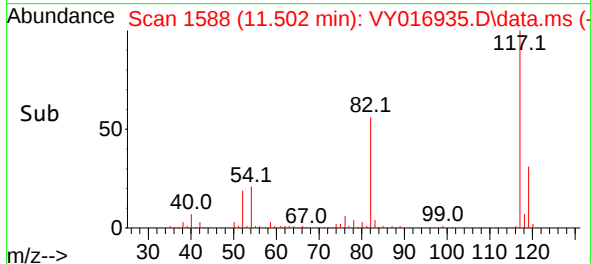
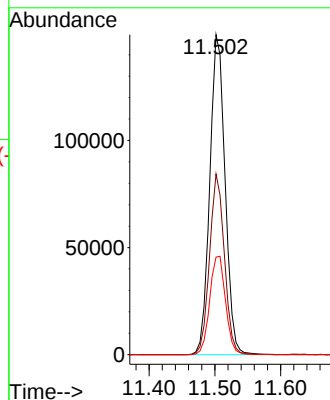
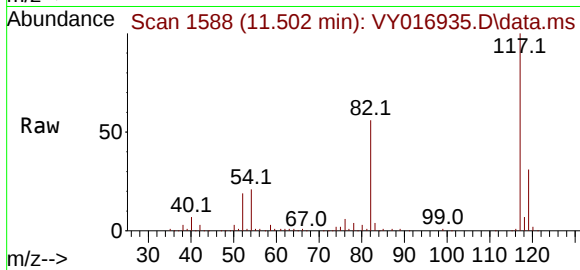




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Instrument :
MSVOA_Y
ClientSampleId :
BLK

Tgt Ion:117 Resp: 242177
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 30.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016935.D
Acq: 08 Jan 2024 14:28

Tgt Ion:152 Resp: 94676
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 158.8 0.0 344.6

