

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018731.D
 Acq On : 28 Jun 2024 16:13
 Operator : SY/MD
 Sample : P3135-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-628-VOC-01

Quant Time: Jul 01 01:47:11 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	102835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	185680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	171898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52680	50.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.760%
35) Dibromofluoromethane	7.704	113	58355	51.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.040%
50) Toluene-d8	10.173	98	216895	49.794	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.477	95	67068	48.760	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.520%

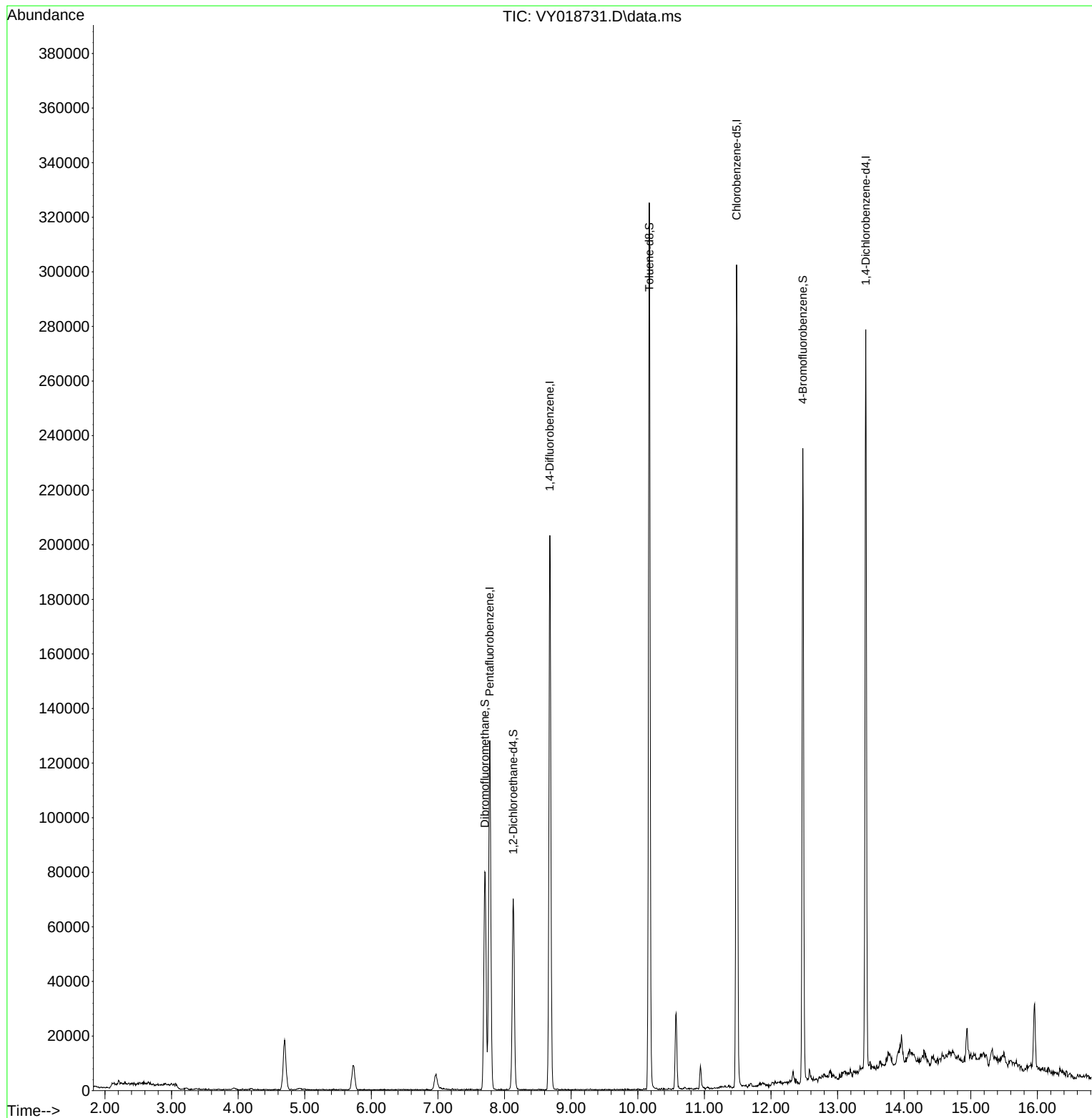
Target Compounds	Qvalue

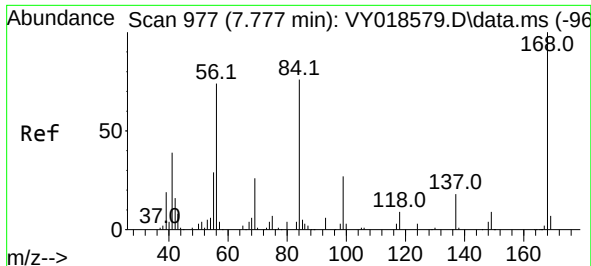
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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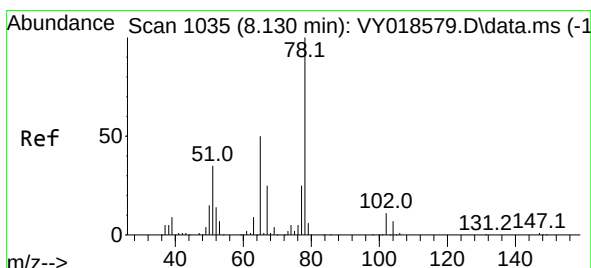
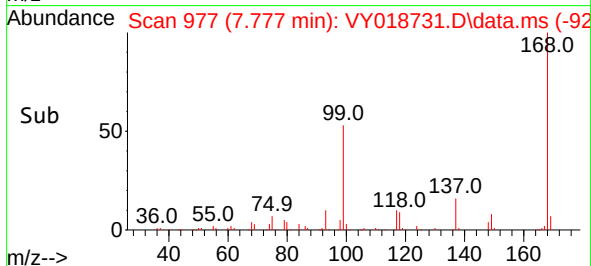
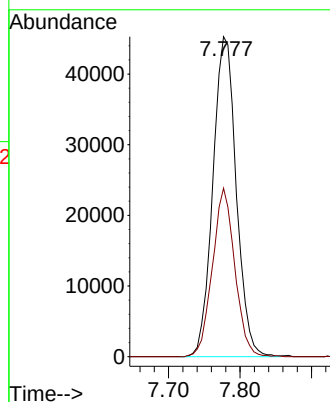
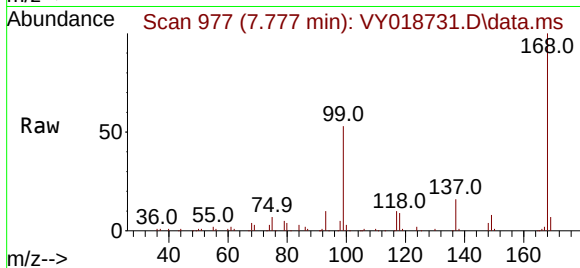




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

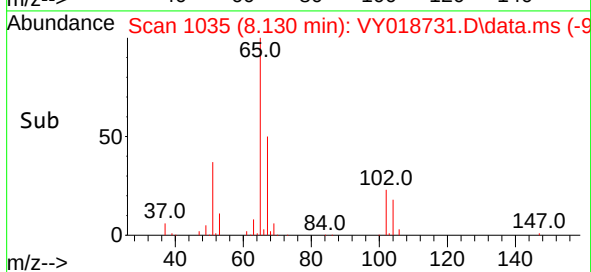
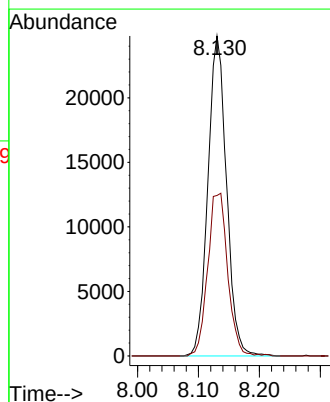
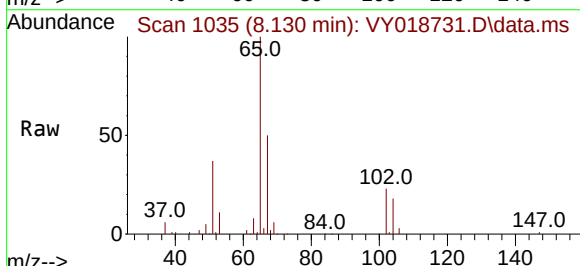
Instrument :
MSVOA_Y
ClientSampleId :
OK-628-VOC-01

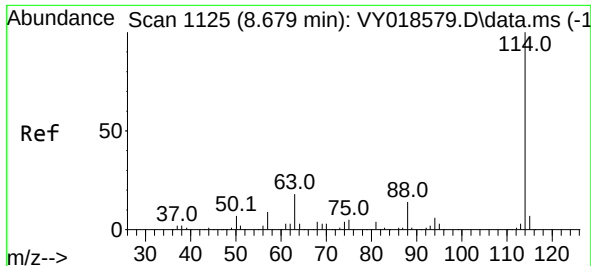
Tgt Ion:168 Resp: 102835
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.882 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

Tgt Ion: 65 Resp: 52680
Ion Ratio Lower Upper
65 100
67 54.7 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: VY018731.D

Acq: 28 Jun 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

OK-628-VOC-01

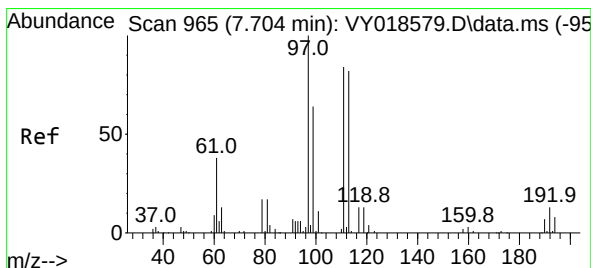
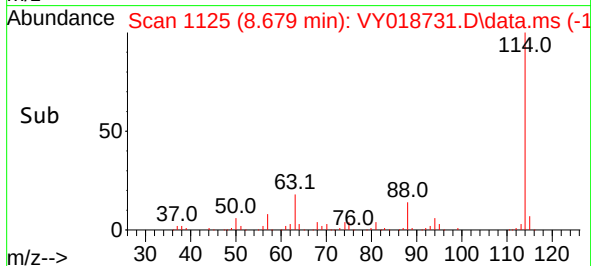
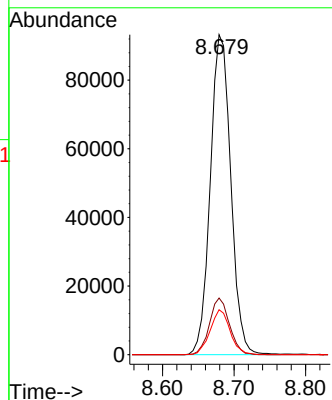
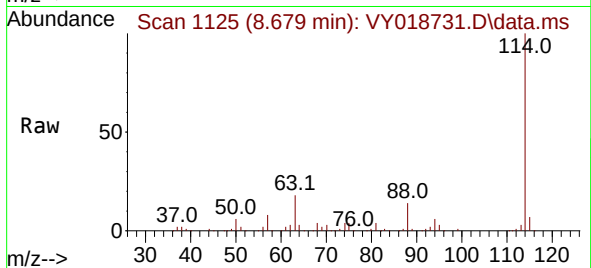
Tgt Ion:114 Resp: 185680

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.519 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018731.D

Acq: 28 Jun 2024 16:13

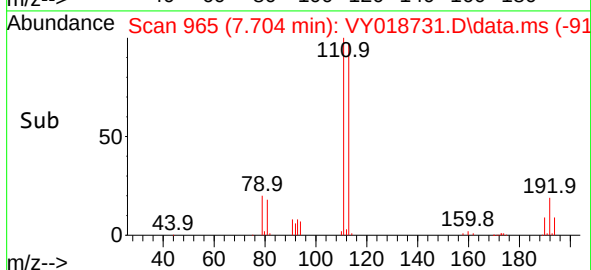
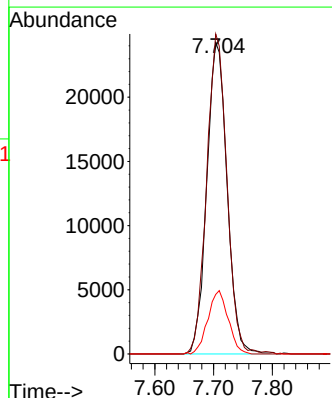
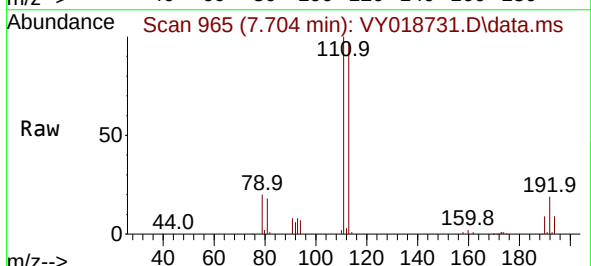
Tgt Ion:113 Resp: 58355

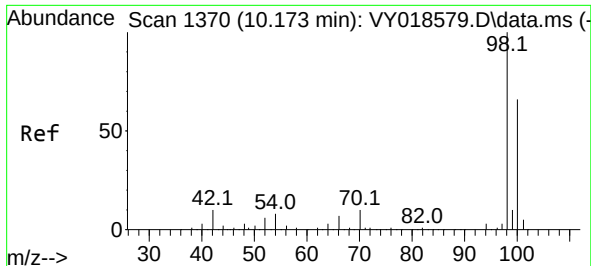
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 20.3 15.9 23.9

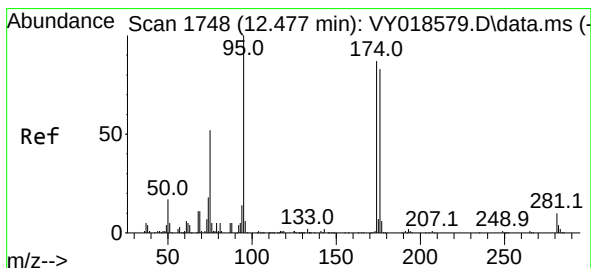
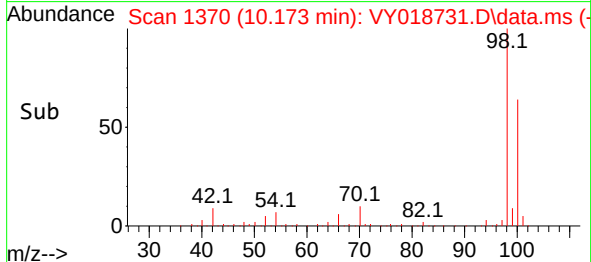
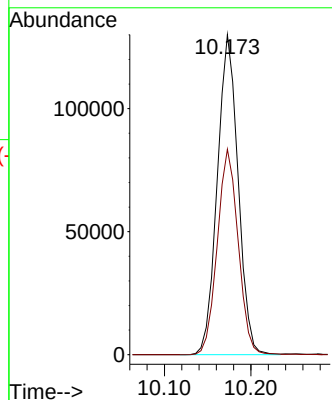
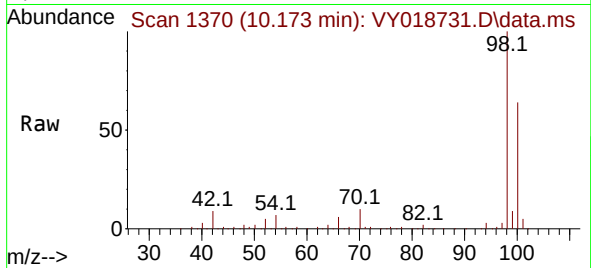




#50
Toluene-d8
Concen: 49.794 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

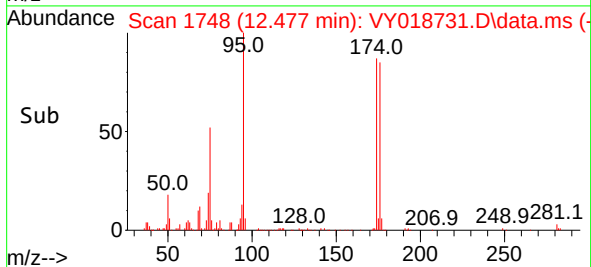
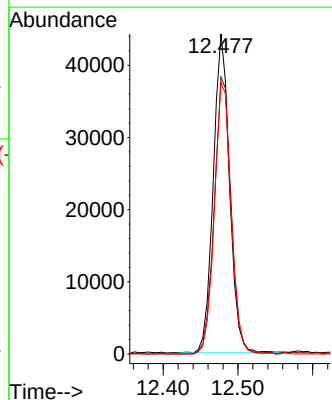
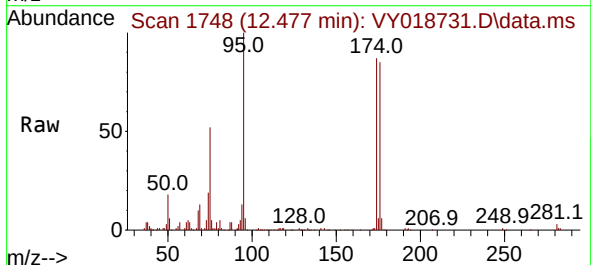
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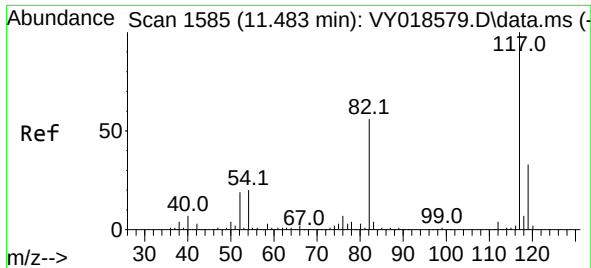
Tgt Ion: 98 Resp: 216895
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.760 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

Tgt Ion: 95 Resp: 67068
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 87.4 0.0 171.4

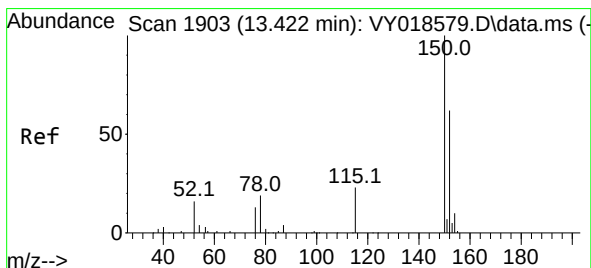
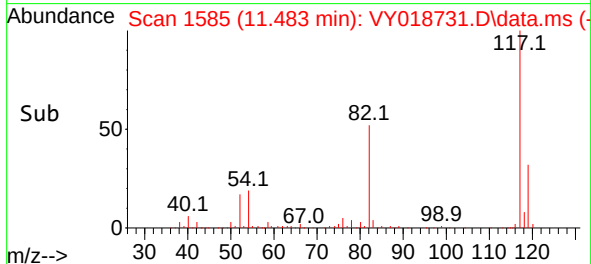
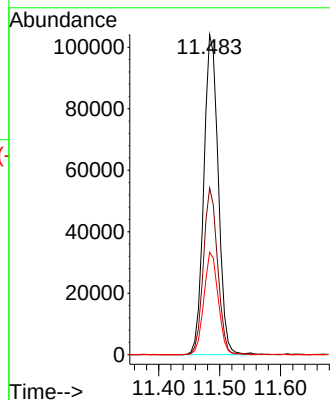
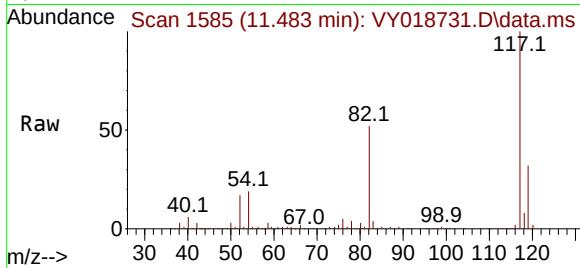




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018731.D
Acq: 28 Jun 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :
OK-628-VOC-01

Tgt Ion:117 Resp: 171898
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.0 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: VY018731.D
Acq: 28 Jun 2024 16:13

Tgt Ion:152 Resp: 72401
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 155.7 0.0 345.6

