

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018628.D
 Acq On : 18 Jun 2024 13:36
 Operator : SY/MD
 Sample : P2923-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jun 19 02:01:53 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	14442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	23213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3809	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	5849	40.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.460%
35) Dibromofluoromethane	7.703	113	6554	46.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.560%
50) Toluene-d8	10.173	98	24914	45.751	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.477	95	4953	28.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.600%

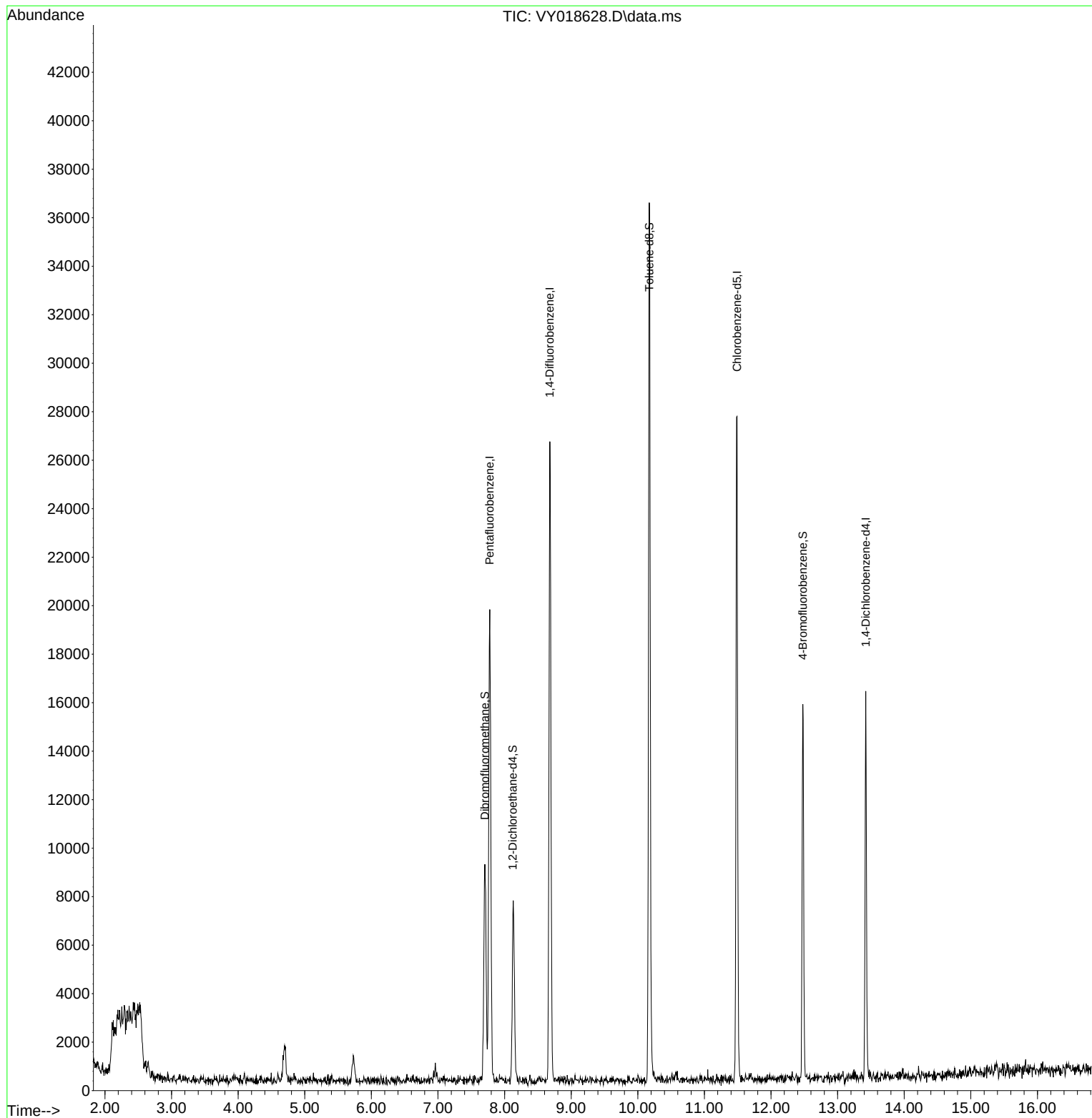
Target Compounds	Qvalue

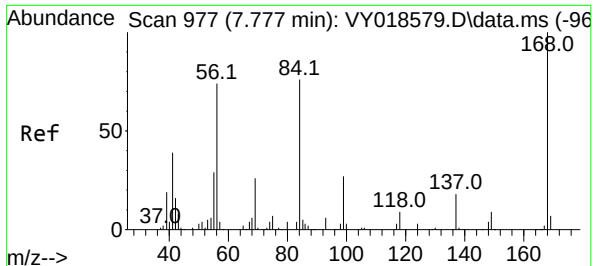
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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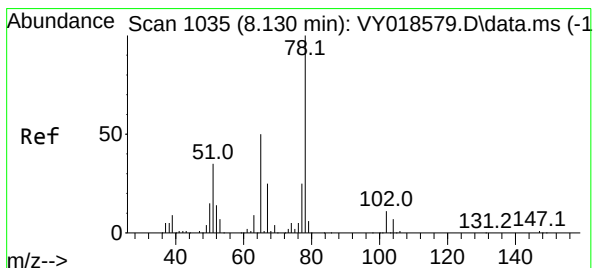
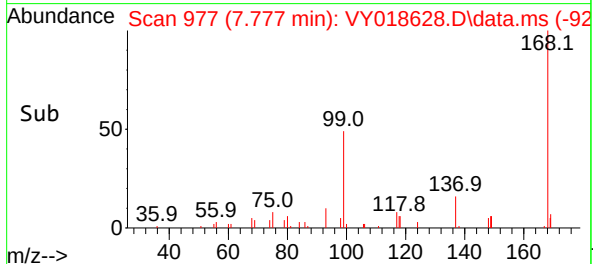
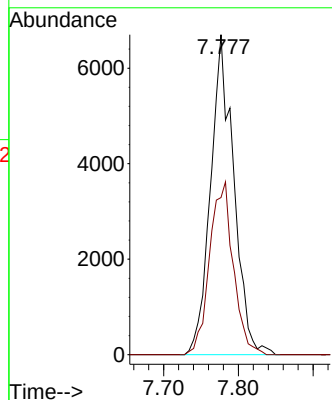
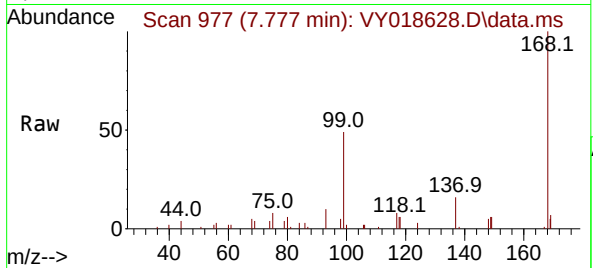




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

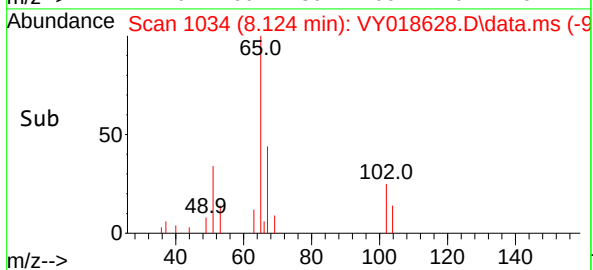
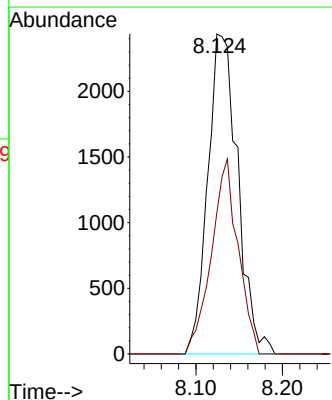
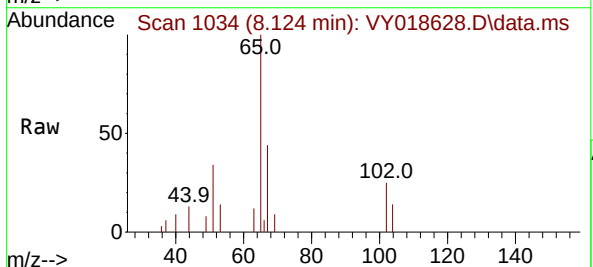
Instrument :
MSVOA_Y
ClientSampleId :
VOC

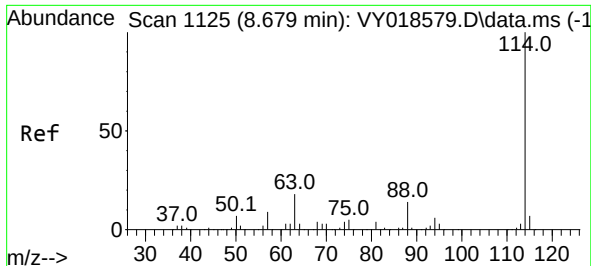
Tgt Ion:168 Resp: 14442
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 40.227 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

Tgt Ion: 65 Resp: 5849
Ion Ratio Lower Upper
65 100
67 54.3 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: VY018628.D

Acq: 18 Jun 2024 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VOC

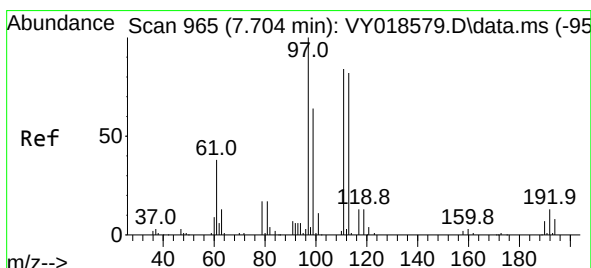
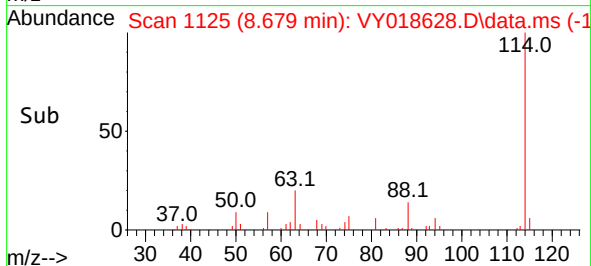
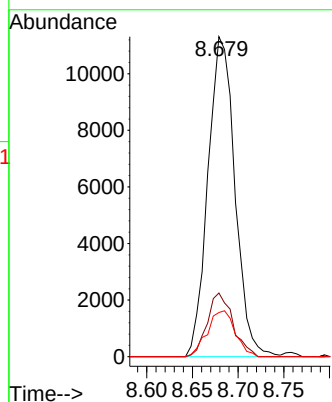
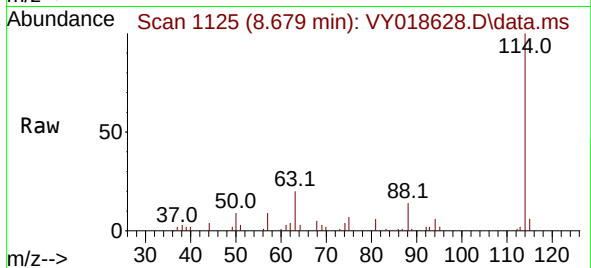
Tgt Ion:114 Resp: 23213

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.284 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018628.D

Acq: 18 Jun 2024 13:36

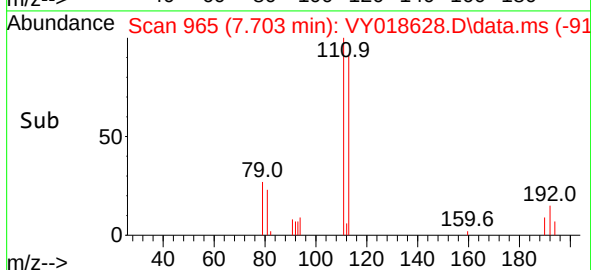
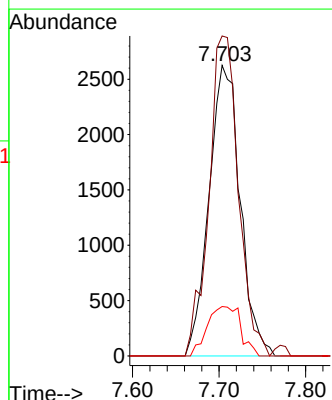
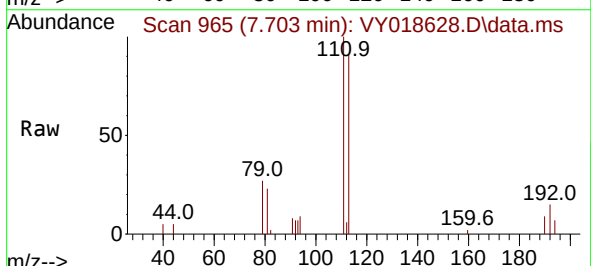
Tgt Ion:113 Resp: 6554

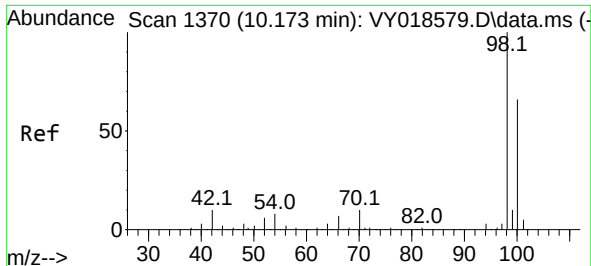
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 18.3 15.9 23.9

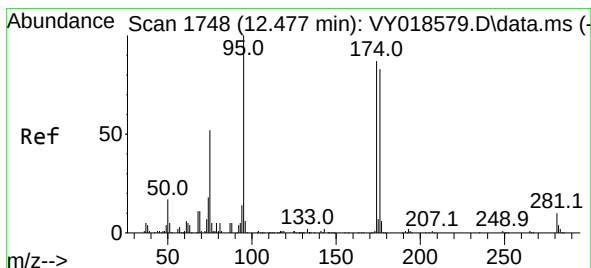
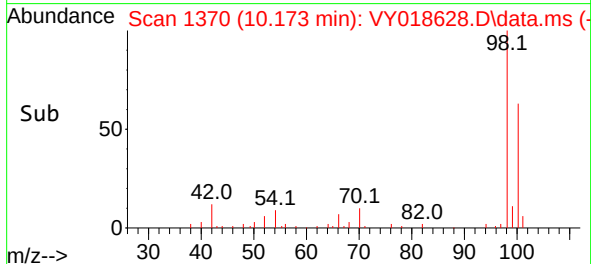
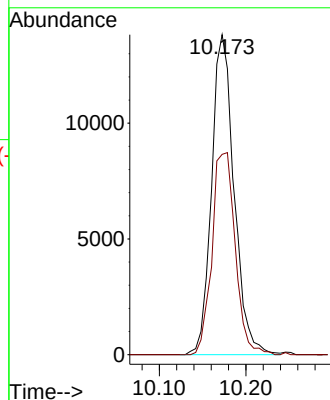
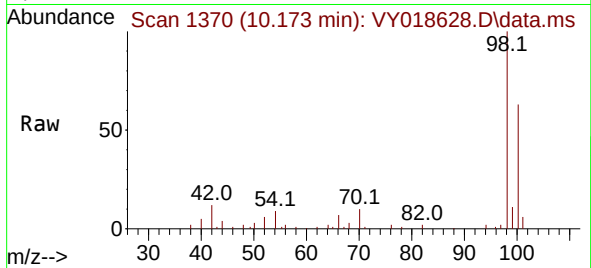




#50
Toluene-d8
Concen: 45.751 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

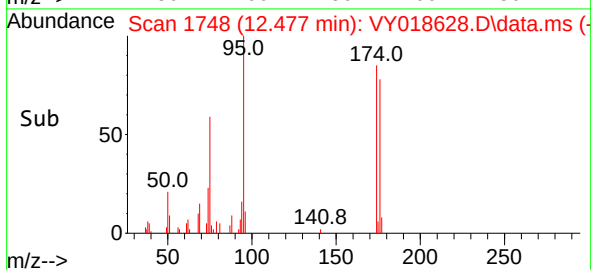
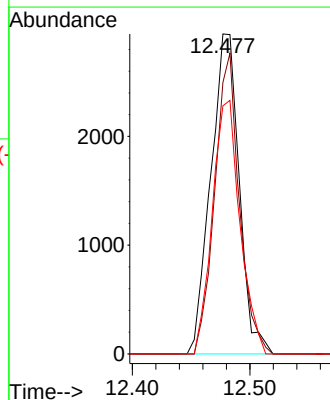
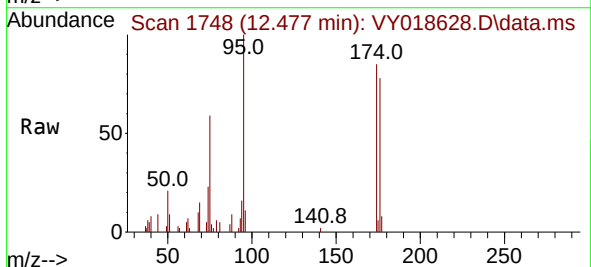
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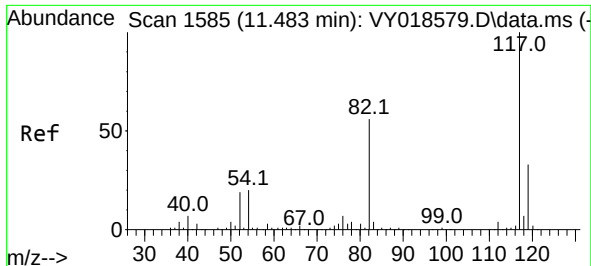
Tgt Ion: 98 Resp: 24914
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.804 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

Tgt Ion: 95 Resp: 4953
Ion Ratio Lower Upper
95 100
174 81.3 0.0 175.6
176 77.0 0.0 171.4

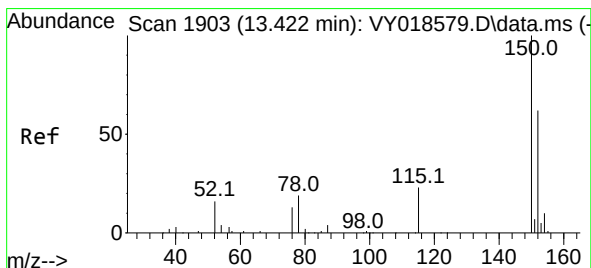
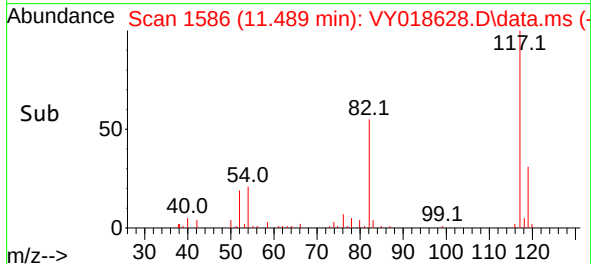
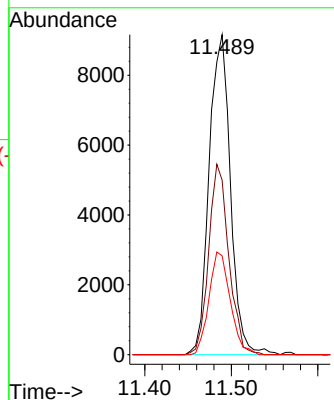
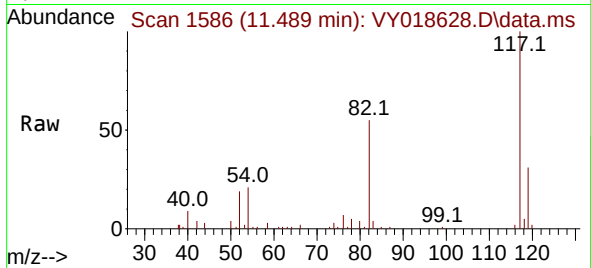




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018628.D
Acq: 18 Jun 2024 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 15649
Ion Ratio Lower Upper
117 100
82 54.5 42.4 63.6
119 30.9 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: VY018628.D
Acq: 18 Jun 2024 13:36

Tgt Ion:152 Resp: 3809
Ion Ratio Lower Upper
152 100
115 61.1 28.2 84.7
150 169.3 0.0 345.6

