

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017603.D
 Acq On : 07 Mar 2024 15:32
 Operator : SY/MD
 Sample : P1701-04
 Misc : 13.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-1-GRAB

Quant Time: Mar 08 03:26:05 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	7.795	168	112491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	176696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	64168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57426	53.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.720%	
35) Dibromofluoromethane	7.722	113	66224	47.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.800%	
50) Toluene-d8	10.185	98	228878	46.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.700%	
62) 4-Bromofluorobenzene	12.489	95	59985	39.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.140%	

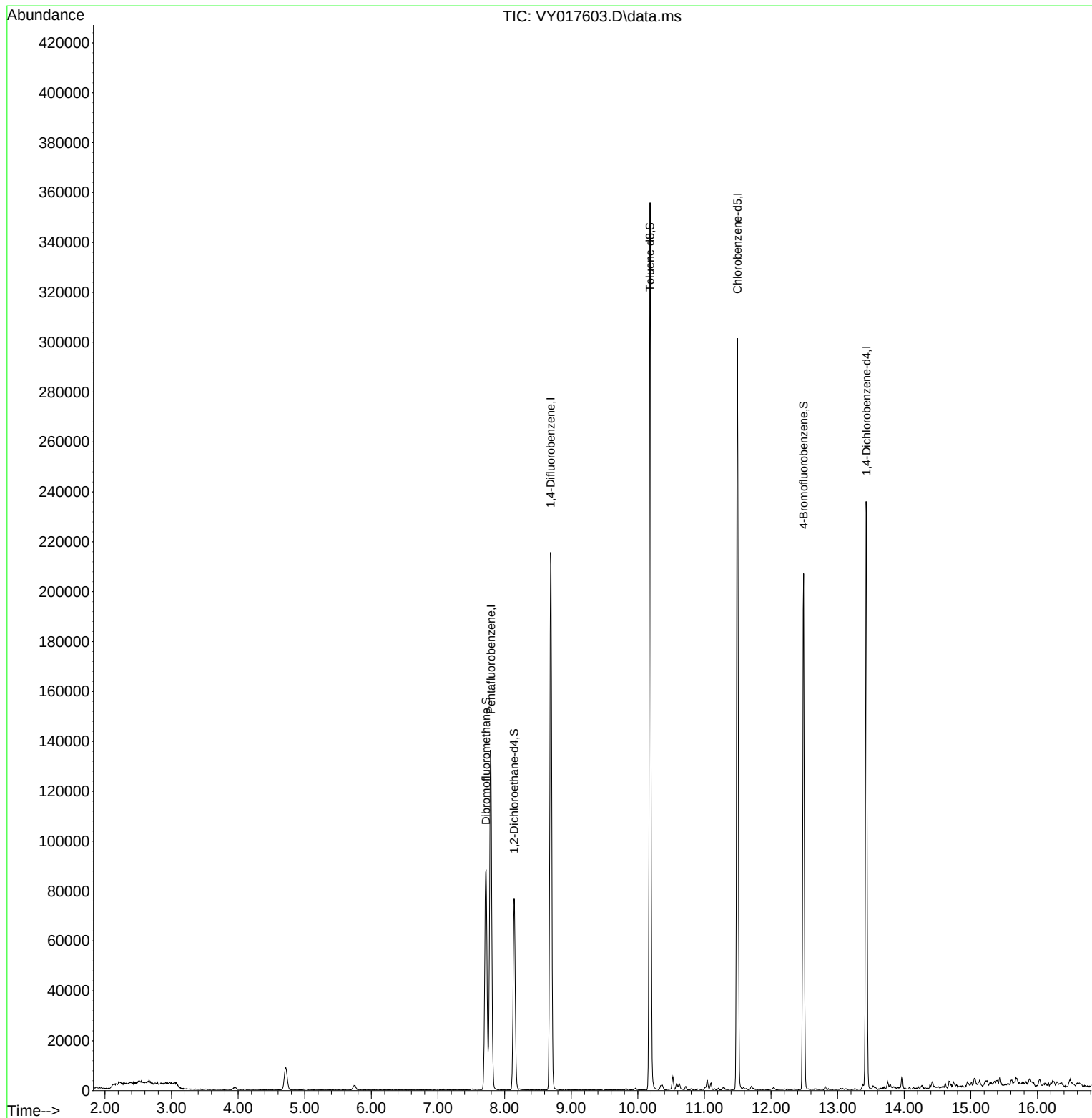
Target Compounds	Qvalue

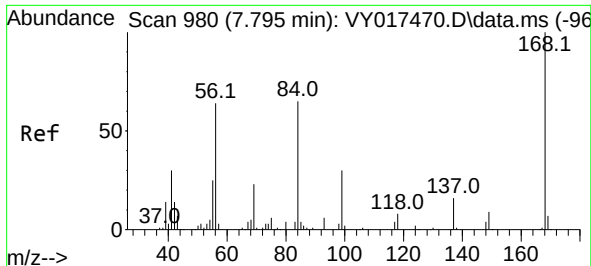
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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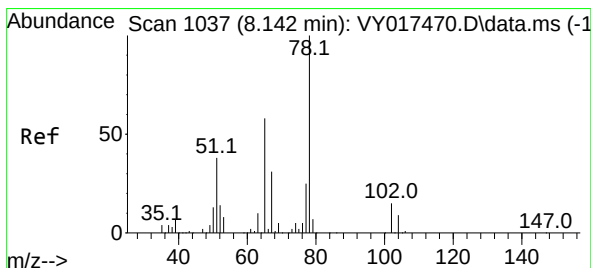
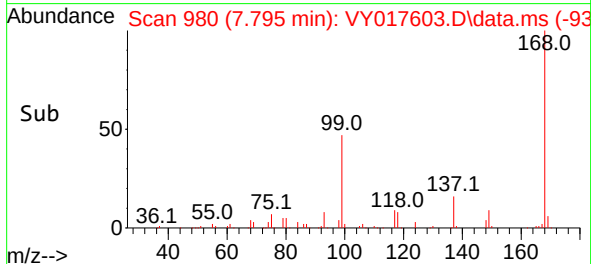
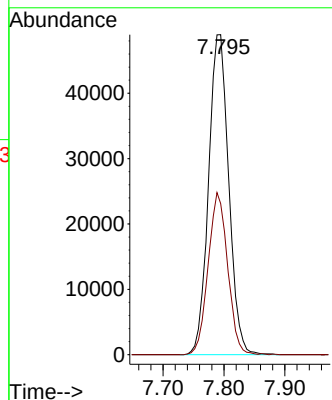
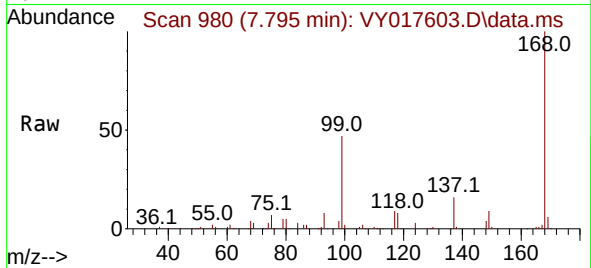




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017603.D
Acq: 07 Mar 2024 15:32

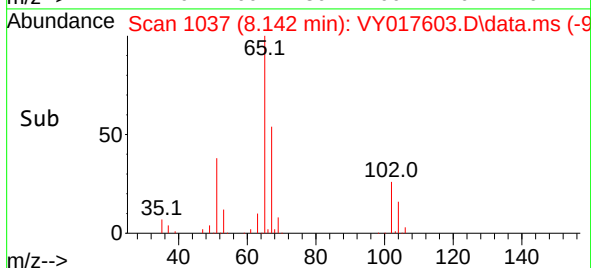
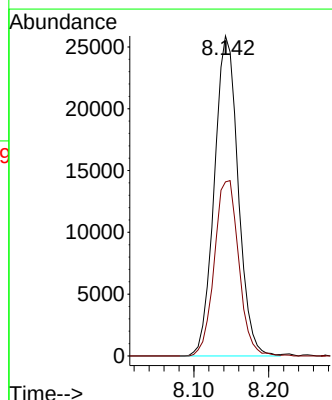
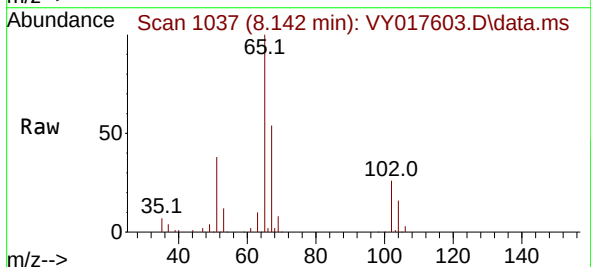
Instrument :
MSVOA_Y
ClientSampleId :
VOC-1-GRAB

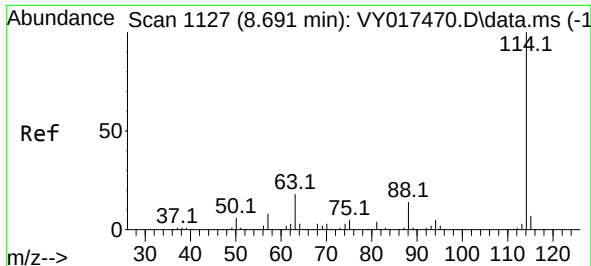
Tgt Ion:168 Resp: 112491
Ion Ratio Lower Upper
168 100
99 47.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.865 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY017603.D
Acq: 07 Mar 2024 15:32

Tgt Ion: 65 Resp: 57426
Ion Ratio Lower Upper
65 100
67 56.2 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: VY017603.D

Acq: 07 Mar 2024 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VOC-1-GRAB

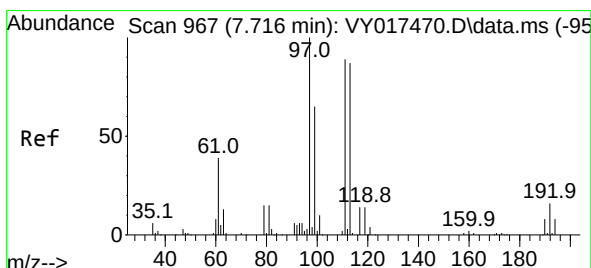
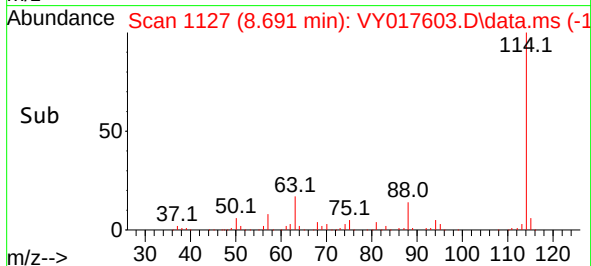
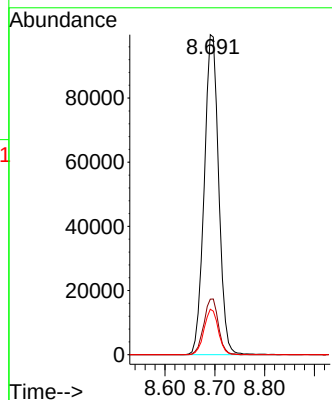
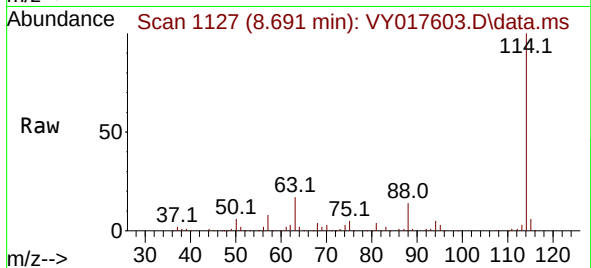
Tgt Ion:114 Resp: 200506

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.398 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017603.D

Acq: 07 Mar 2024 15:32

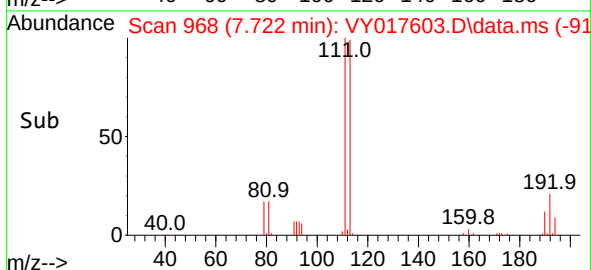
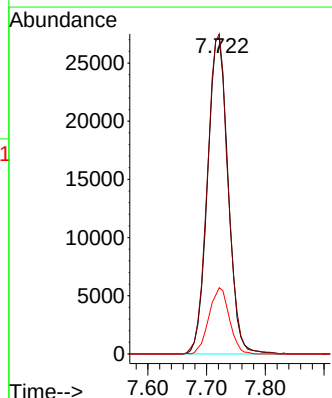
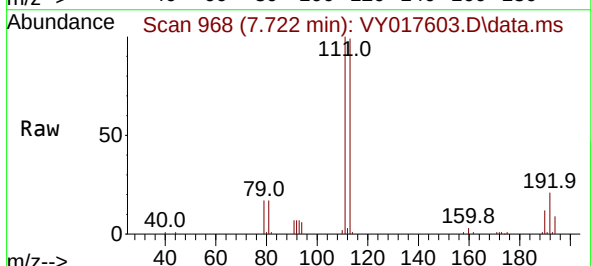
Tgt Ion:113 Resp: 66224

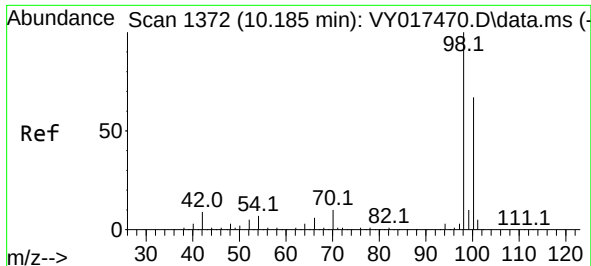
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 20.6 15.9 23.9

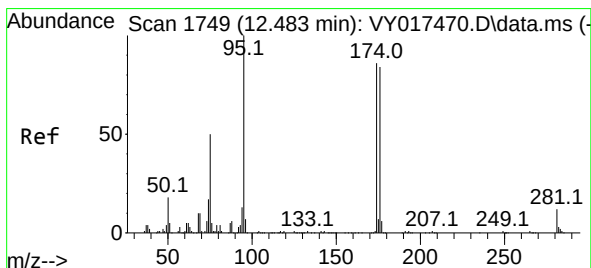
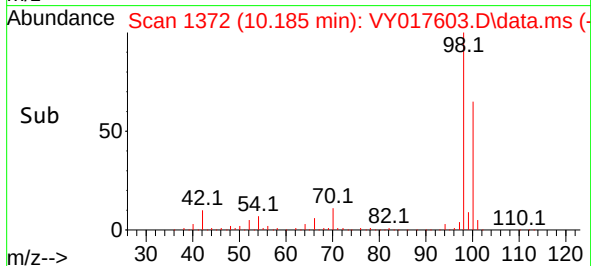
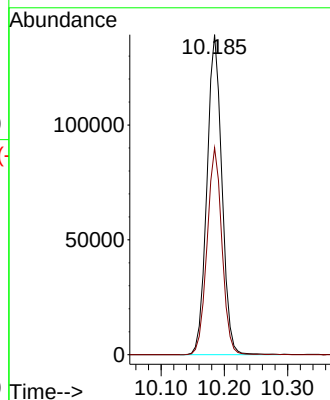
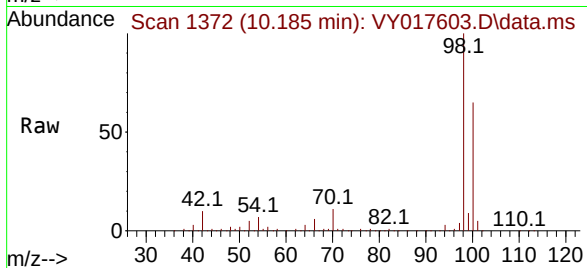




#50
Toluene-d8
Concen: 46.852 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017603.D
Acq: 07 Mar 2024 15:32

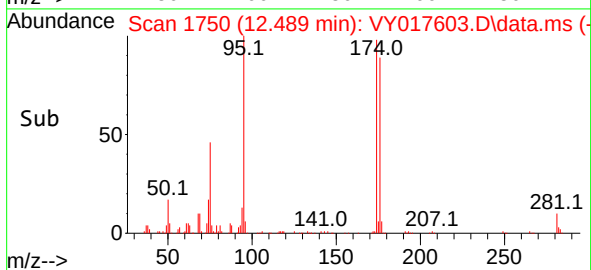
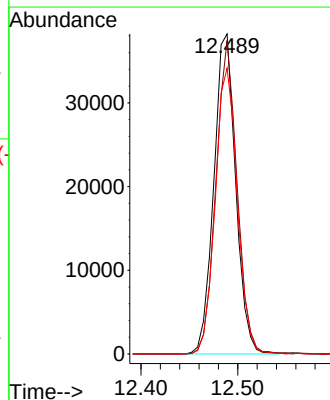
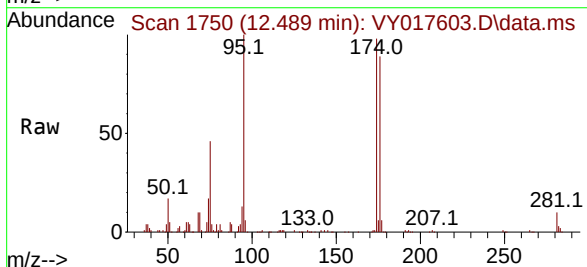
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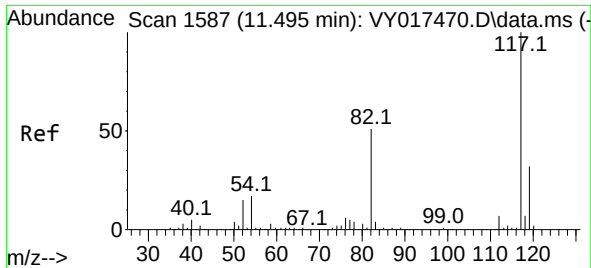
Tgt Ion: 98 Resp: 228878
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.072 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017603.D
Acq: 07 Mar 2024 15:32

Tgt Ion: 95 Resp: 59985
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 90.4 0.0 171.4

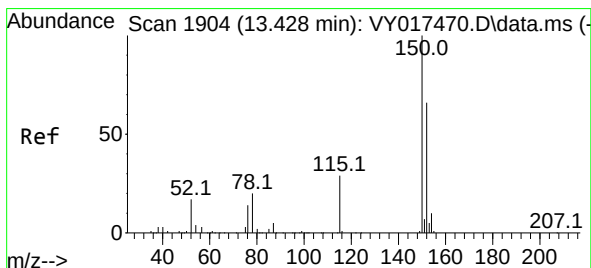
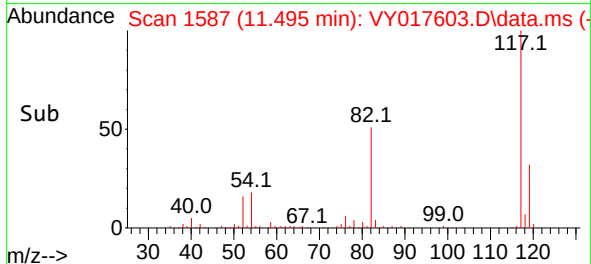
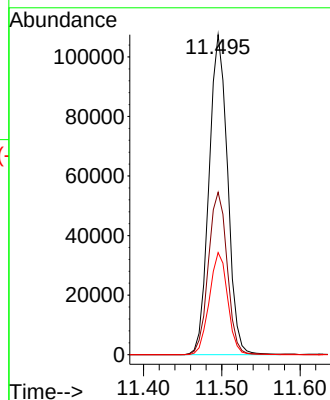
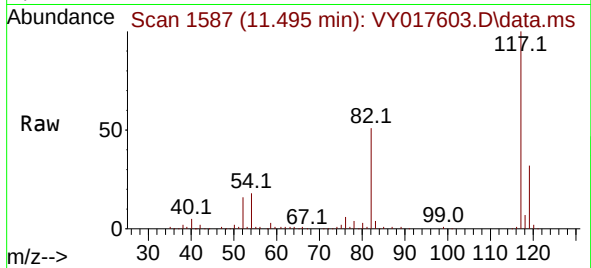




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017603.D
Acq: 07 Mar 2024 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VOC-1-GRAB

Tgt Ion:117 Resp: 176696
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017603.D
Acq: 07 Mar 2024 15:32

Tgt Ion:152 Resp: 64168
Ion Ratio Lower Upper
152 100
115 53.2 28.2 84.7
150 156.1 0.0 345.6

