

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017363.D
 Acq On : 12 Feb 2024 19:05
 Operator : SY/MD
 Sample : P1444-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Feb 13 01:30:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	46499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	86233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	75768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	27474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21510	51.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.560%
35) Dibromofluoromethane	7.722	113	21774	46.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.540%
50) Toluene-d8	10.191	98	73858	43.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.140%
62) 4-Bromofluorobenzene	12.489	95	19317	34.785	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.580%

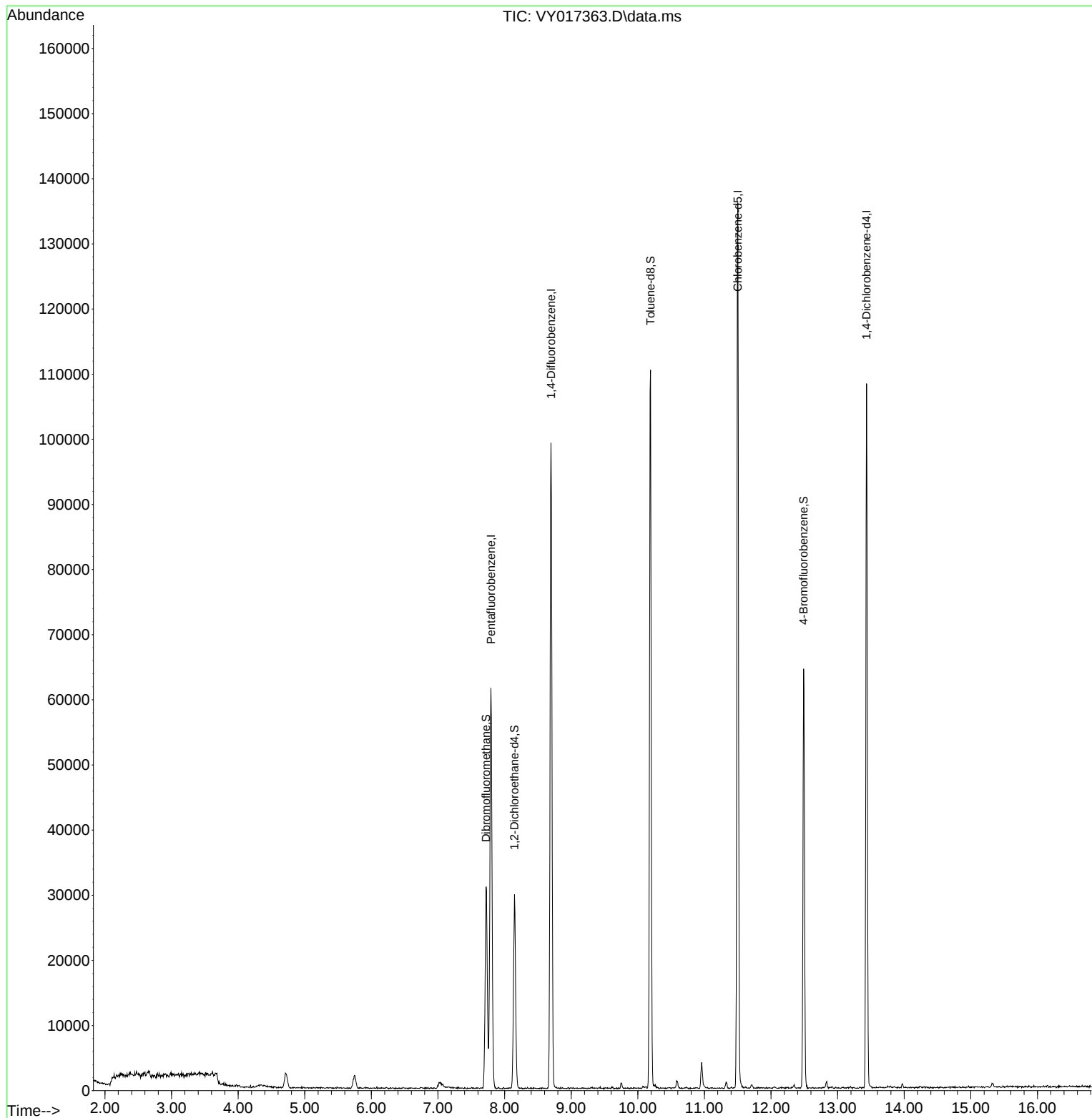
Target Compounds	Qvalue

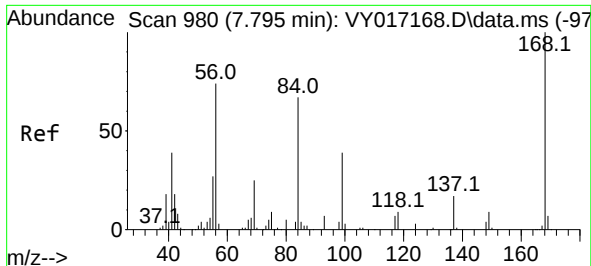
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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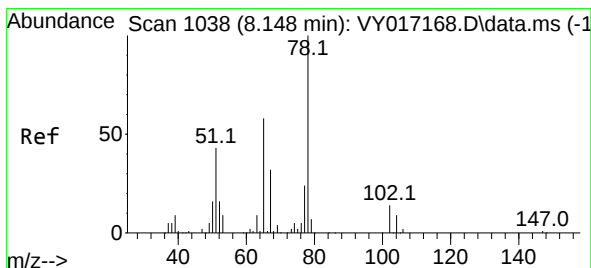
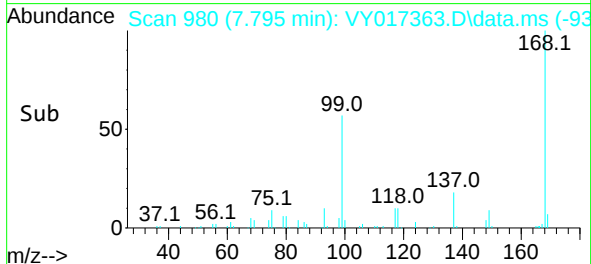
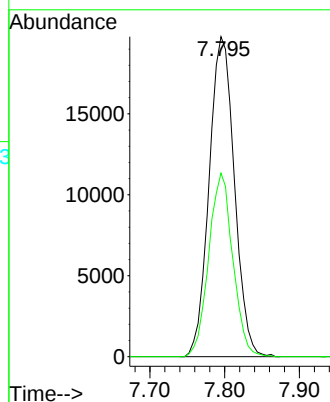
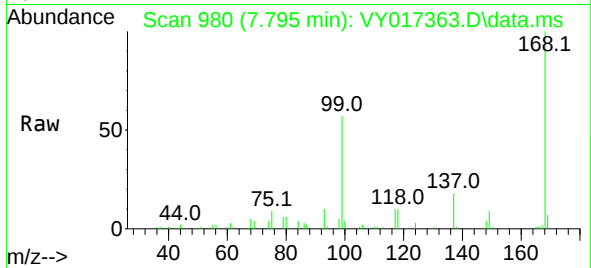




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

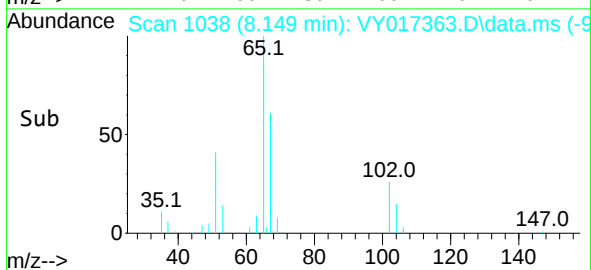
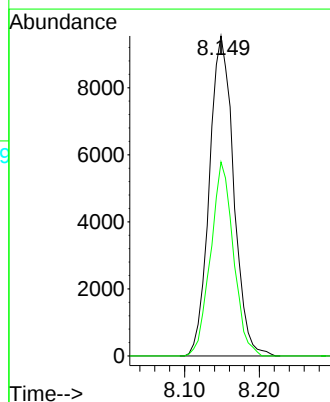
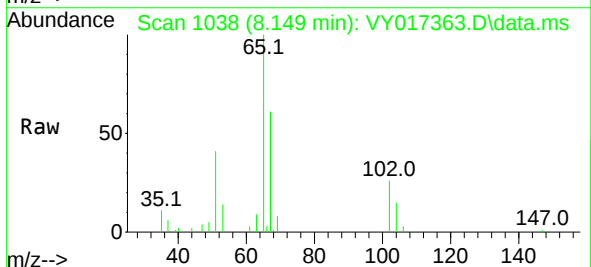
Instrument :
MSVOA_Y
ClientSampleId :
VOC

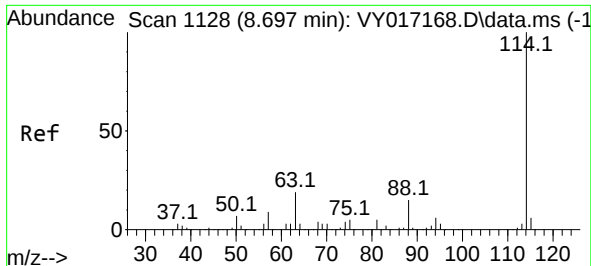
Tgt Ion:168 Resp: 46499
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.782 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

Tgt Ion: 65 Resp: 21510
Ion Ratio Lower Upper
65 100
67 57.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017363.D

Acq: 12 Feb 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

VOC

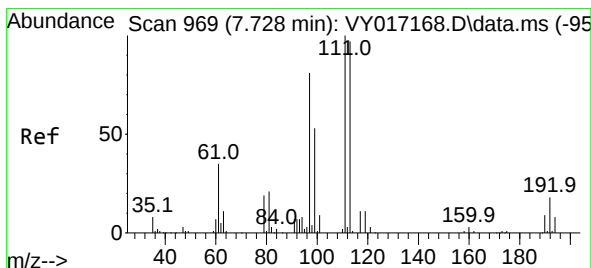
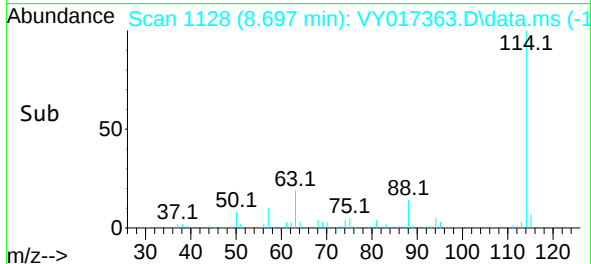
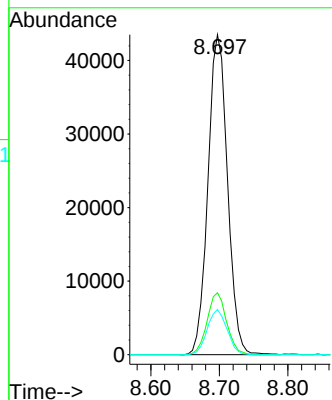
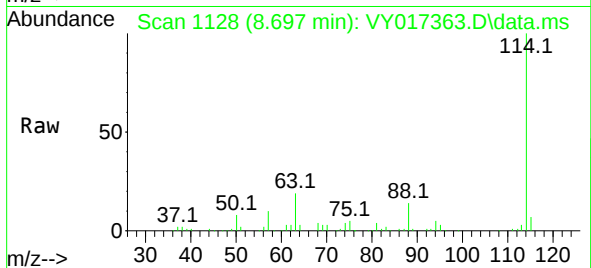
Tgt Ion:114 Resp: 86233

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.765 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017363.D

Acq: 12 Feb 2024 19:05

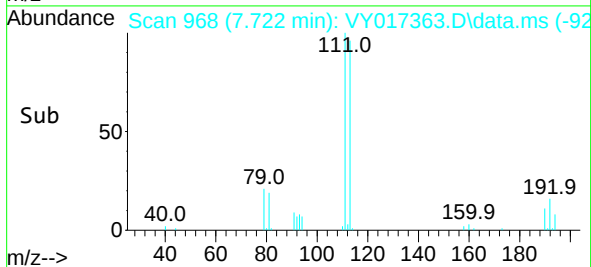
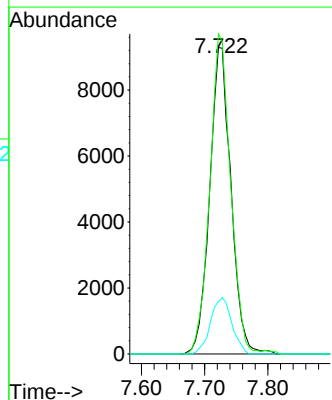
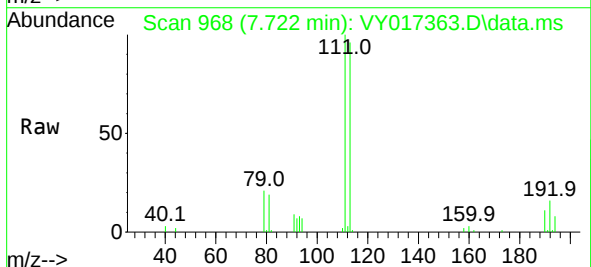
Tgt Ion:113 Resp: 21774

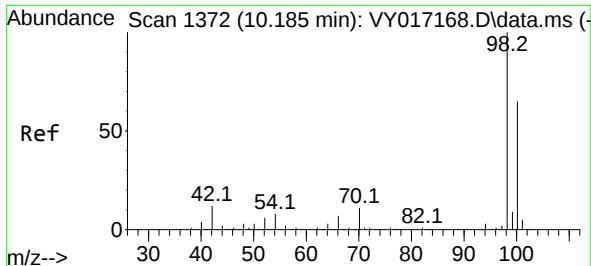
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.4 14.5 21.7

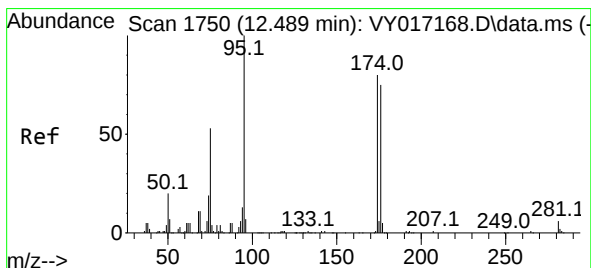
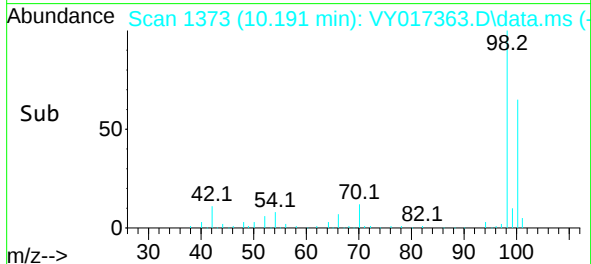
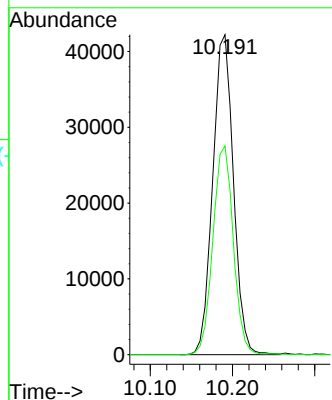
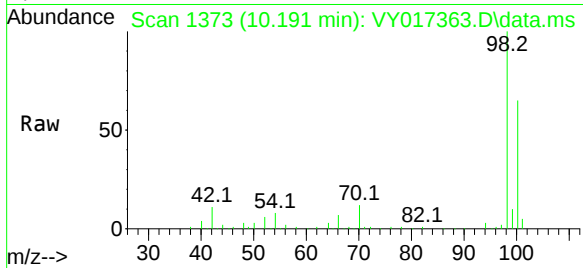




#50
Toluene-d8
Concen: 43.568 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

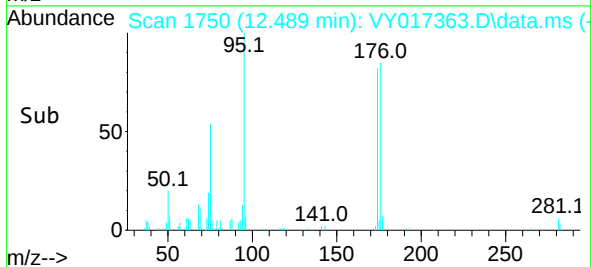
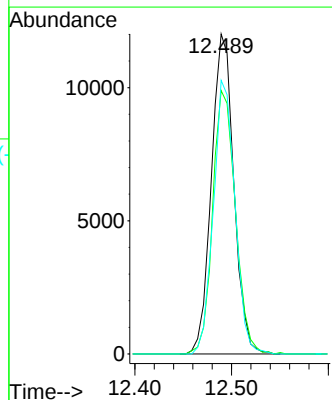
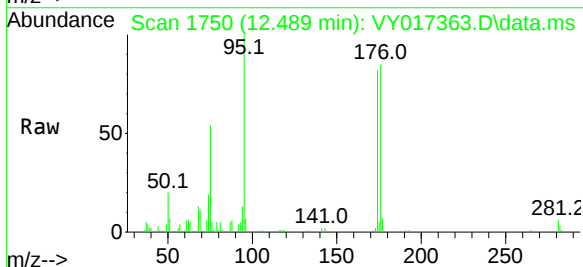
Instrument :
MSVOA_Y
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VOC

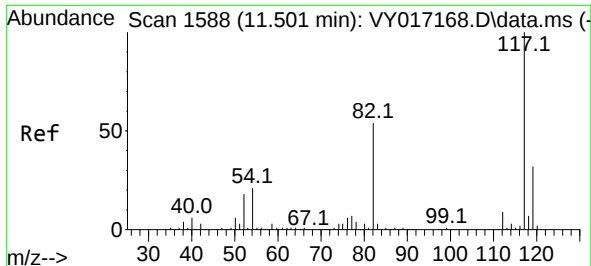
Tgt Ion: 98 Resp: 73858
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 34.785 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

Tgt Ion: 95 Resp: 19317
Ion Ratio Lower Upper
95 100
174 83.6 0.0 160.0
176 82.2 0.0 151.8

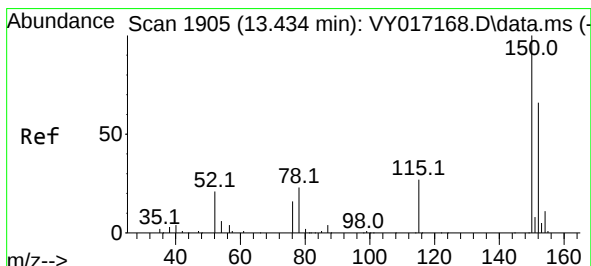
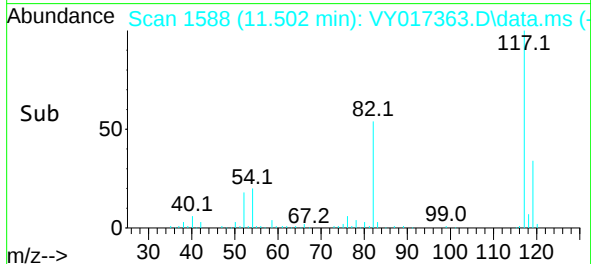
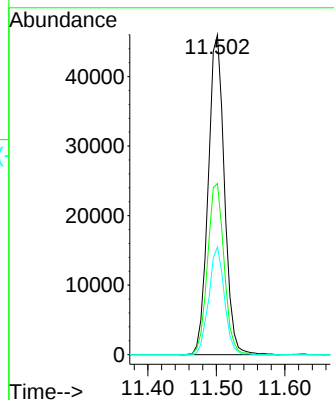
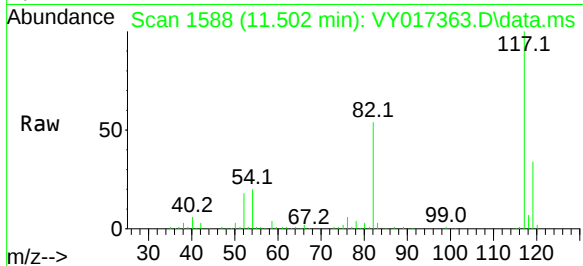




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017363.D
Acq: 12 Feb 2024 19:05

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 75768
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 33.7 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: VY017363.D
Acq: 12 Feb 2024 19:05

Tgt Ion:152 Resp: 27474
Ion Ratio Lower Upper
152 100
115 57.4 30.0 90.0
150 158.6 0.0 344.6

