

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016230.D
 Acq On : 06 Nov 2023 12:34
 Operator : SY/MD
 Sample : 05215-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 600566096RE

Quant Time: Nov 06 23:55:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3579	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.691	114	5629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1660	49.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.716	113	829	24.703	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.400%#
50) Toluene-d8	10.185	98	6302	47.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.489	95	1833	40.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.580%

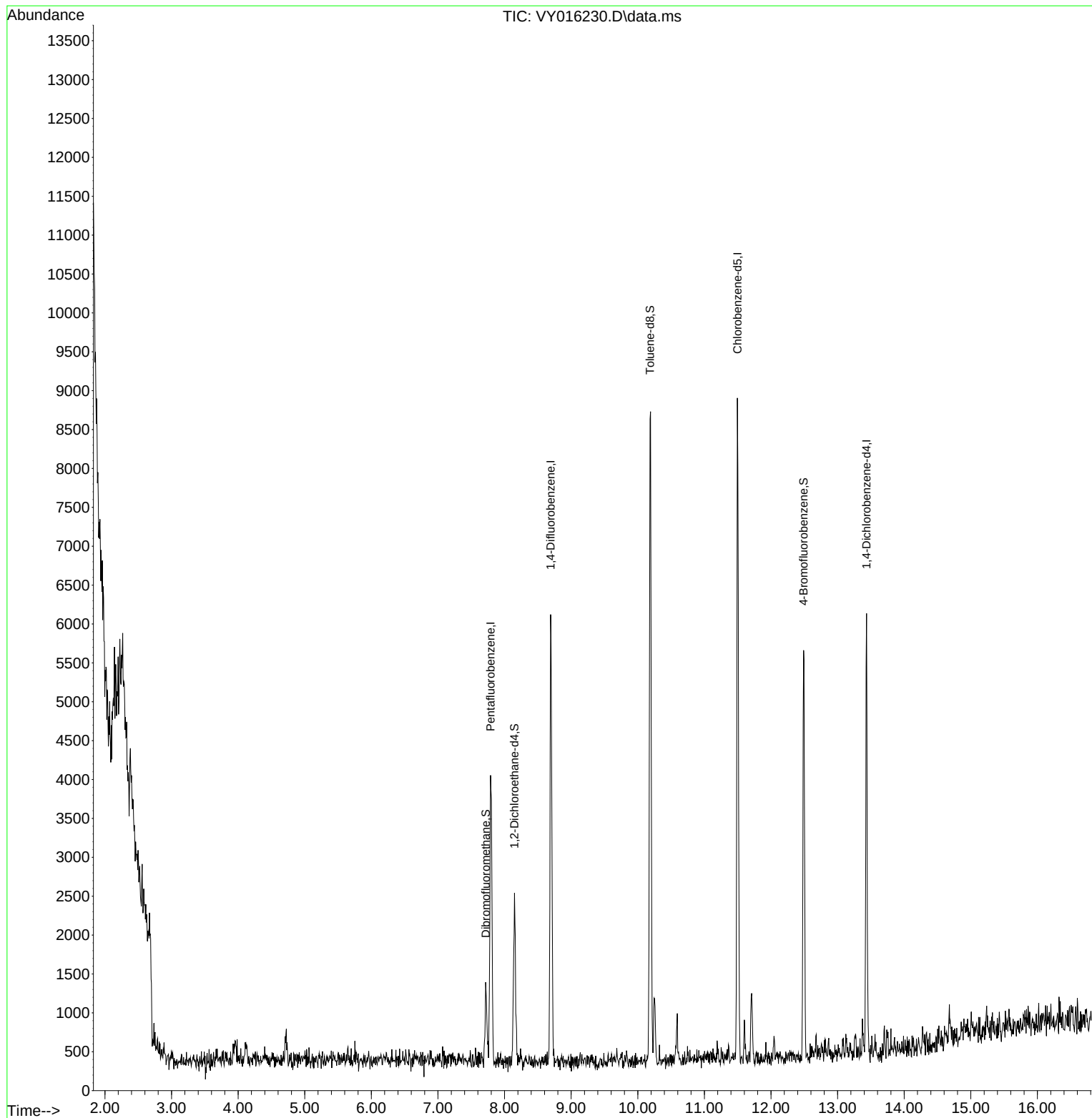
Target Compounds	Qvalue

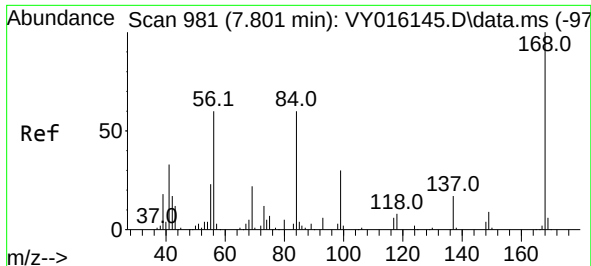
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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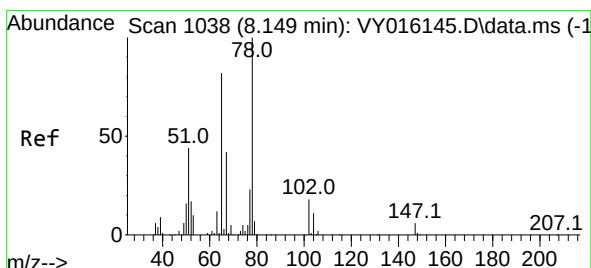
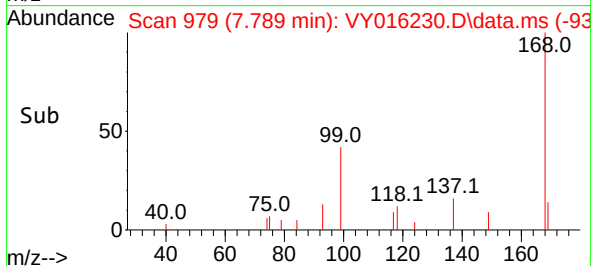
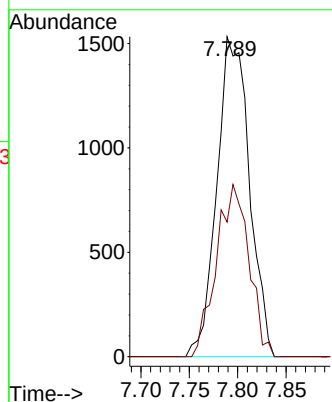
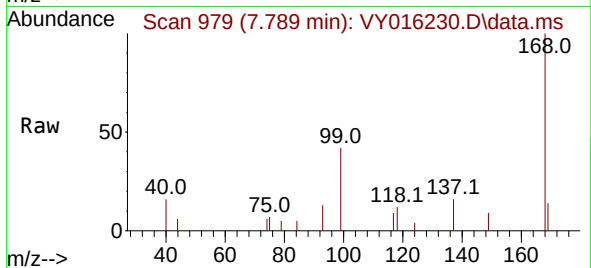




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016230.D
Acq: 06 Nov 2023 12:34

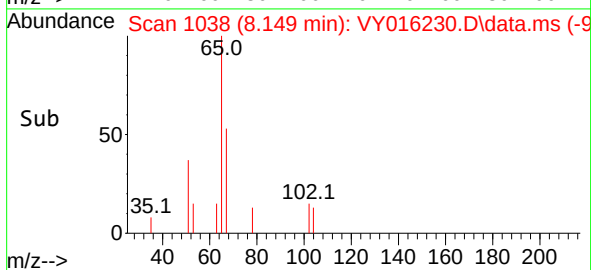
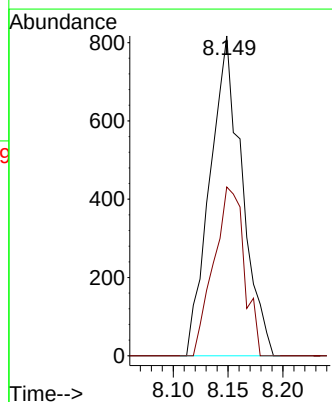
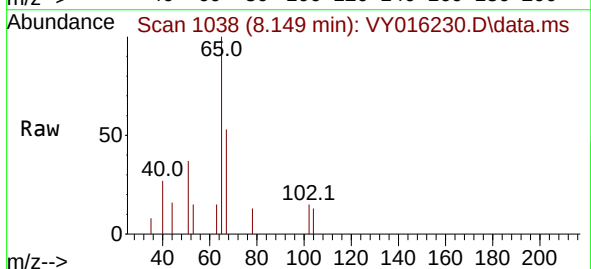
Instrument :
MSVOA_Y
ClientSampleId :
600566096RE

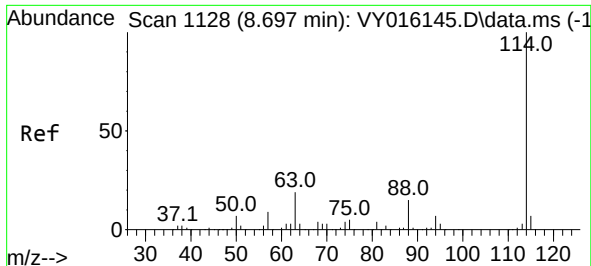
Tgt Ion:168 Resp: 3579
Ion Ratio Lower Upper
168 100
99 42.1 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 49.567 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY016230.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 65 Resp: 1660
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016230.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

600566096RE

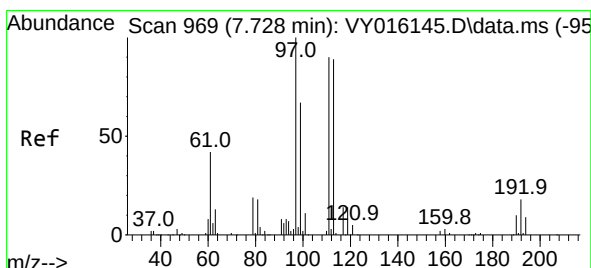
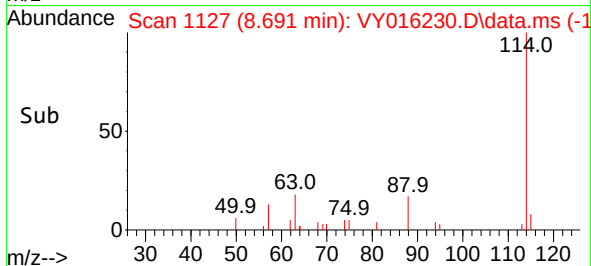
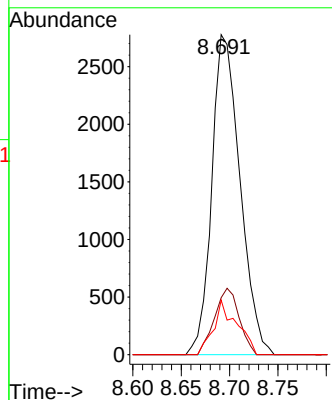
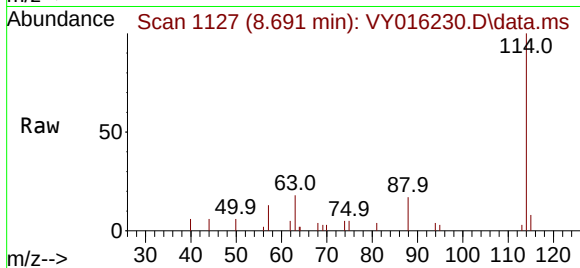
Tgt Ion:114 Resp: 5629

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 24.703 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY016230.D

Acq: 06 Nov 2023 12:34

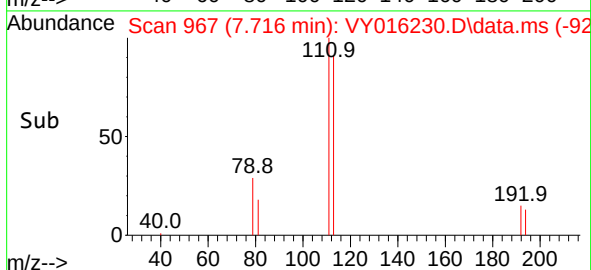
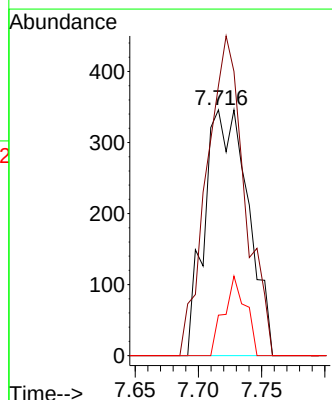
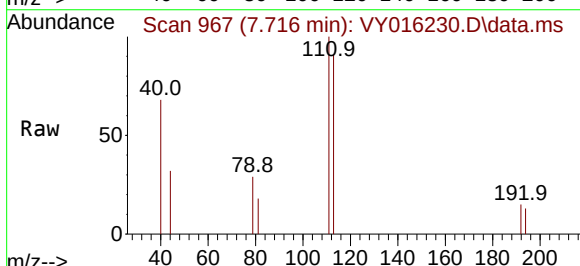
Tgt Ion:113 Resp: 829

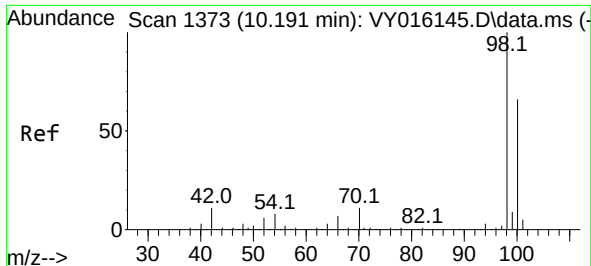
Ion Ratio Lower Upper

113 100

111 113.4 81.3 121.9

192 16.3 16.9 25.3#

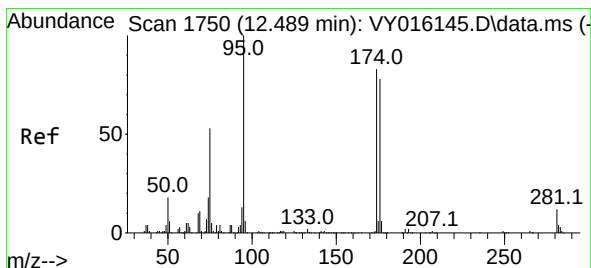
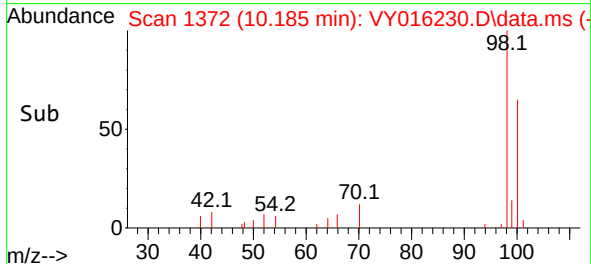
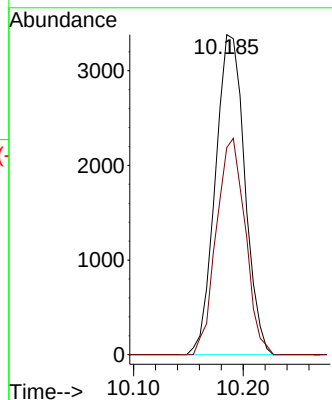
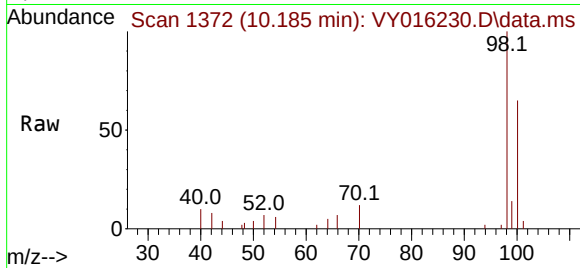




#50
Toluene-d8
Concen: 47.365 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016230.D
Acq: 06 Nov 2023 12:34

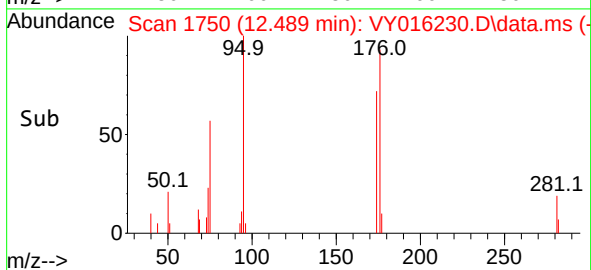
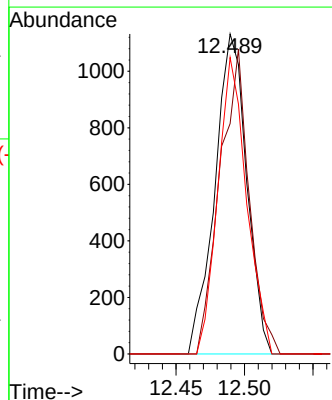
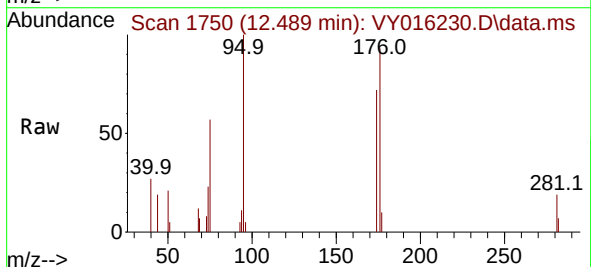
Instrument :
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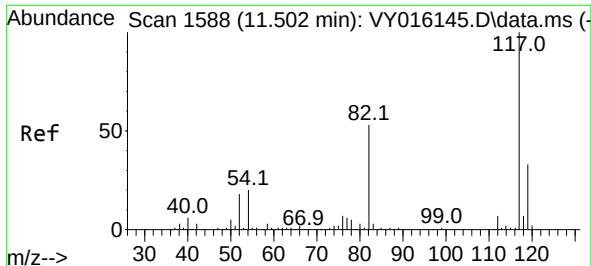
Tgt Ion: 98 Resp: 6302
Ion Ratio Lower Upper
98 100
100 66.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.288 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016230.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 95 Resp: 1833
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 83.5 0.0 173.8

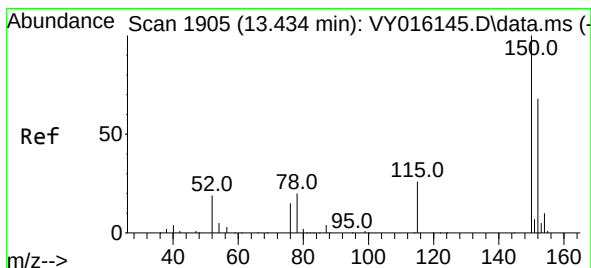
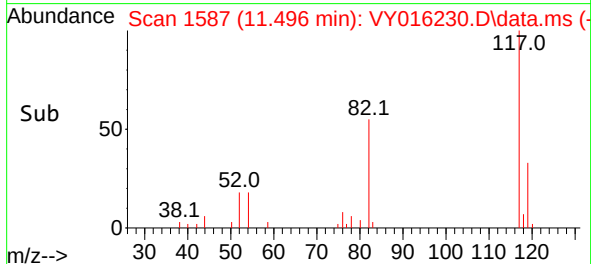
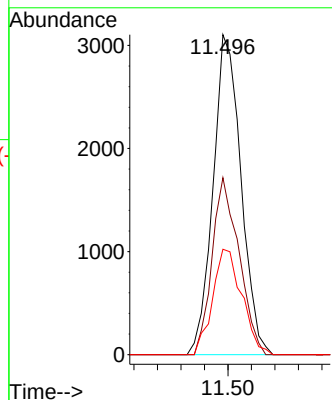
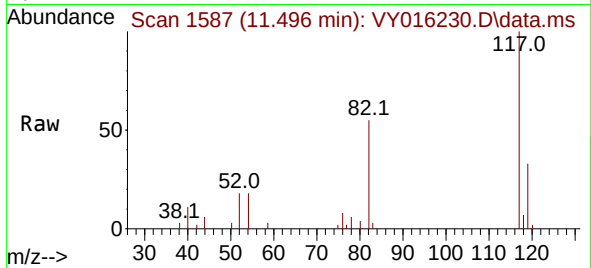




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016230.D
Acq: 06 Nov 2023 12:34

Instrument :
MSVOA_Y
ClientSampleId :
600566096RE

Tgt Ion:117 Resp: 5114
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 33.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016230.D
Acq: 06 Nov 2023 12:34

Tgt Ion:152 Resp: 1547
Ion Ratio Lower Upper
152 100
115 65.5 28.8 86.5
150 158.6 0.0 348.8

