

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077232.D
 Acq On : 28 Mar 2023 12:54
 Operator : JC\MD
 Sample : VN0328WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL02

Quant Time: Mar 29 01:12:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	286919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	494244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	425655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	152599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	224725	50.094	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.180%
35) Dibromofluoromethane	8.172	113	163852	48.857	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	10.572	98	624565	49.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.854	95	173181	41.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.980%

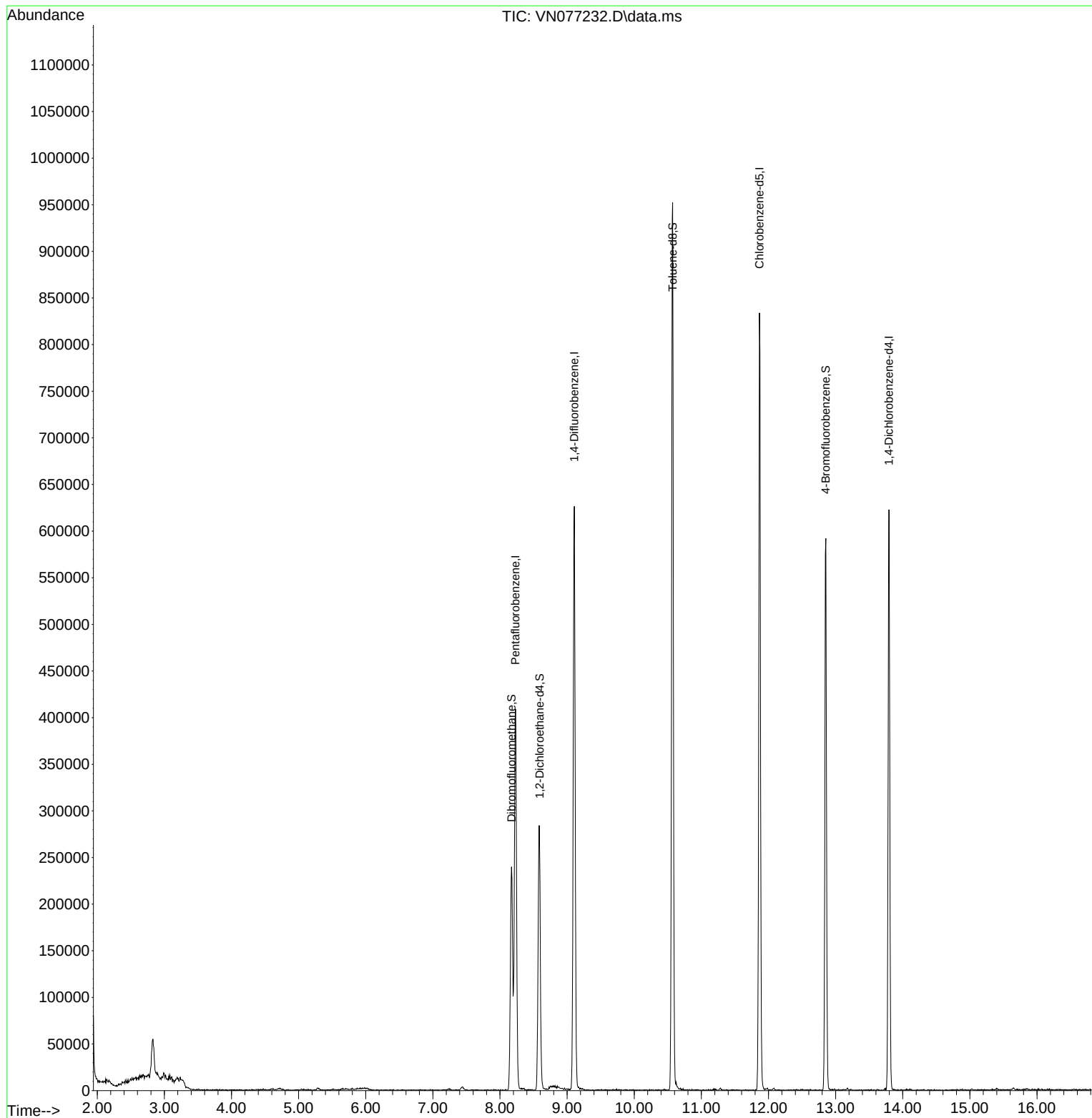
Target Compounds	Qvalue

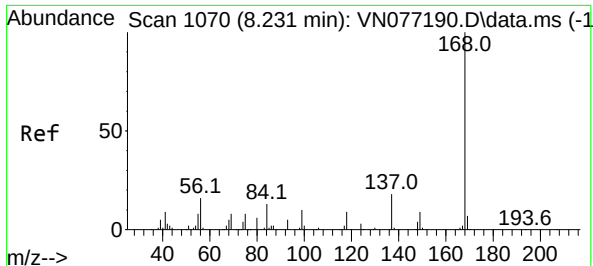
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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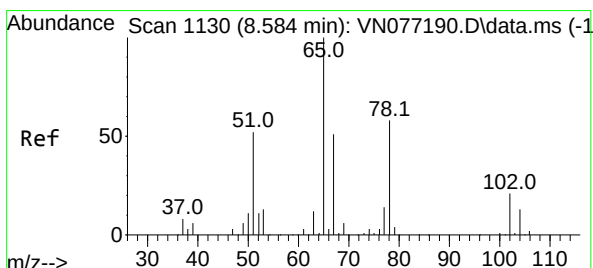
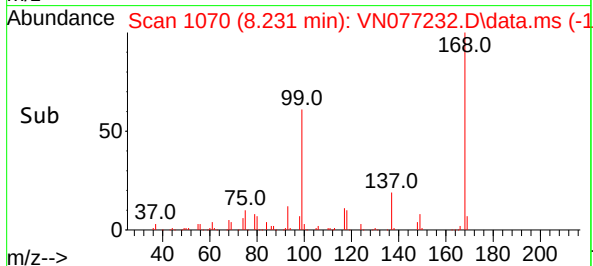
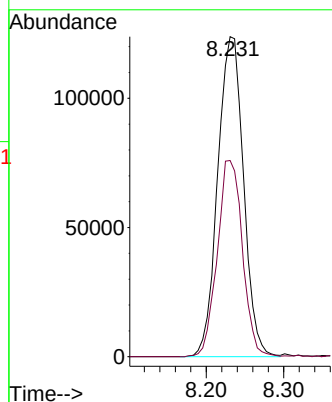
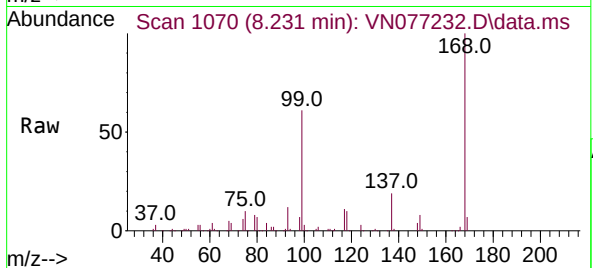




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

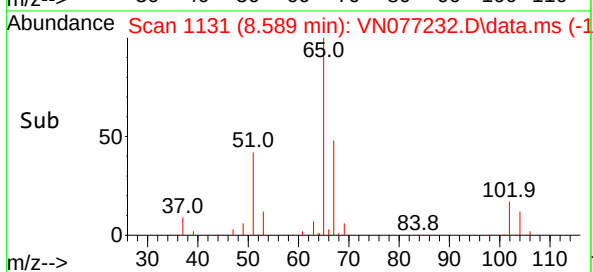
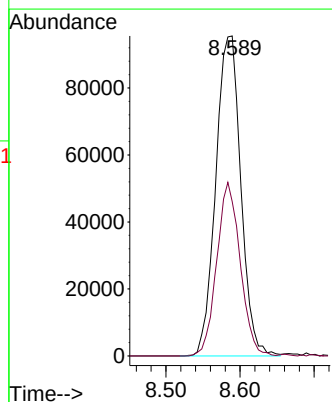
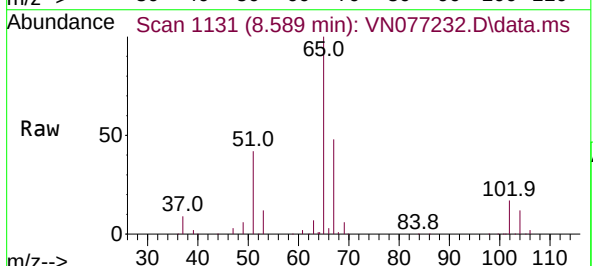
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL02

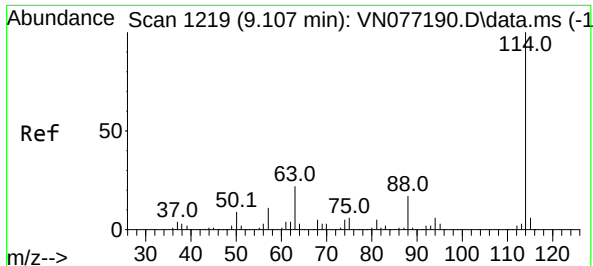
Tgt Ion:168 Resp: 286919
Ion Ratio Lower Upper
168 100
99 61.3 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 50.094 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.005 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Tgt Ion: 65 Resp: 224725
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077232.D

Acq: 28 Mar 2023 12:54

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBL02

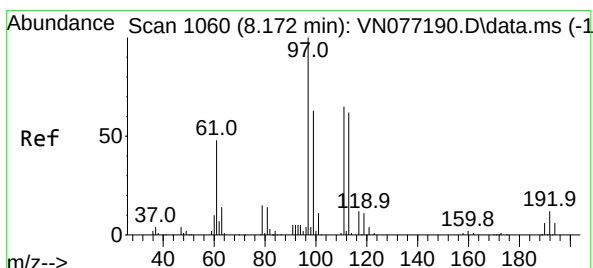
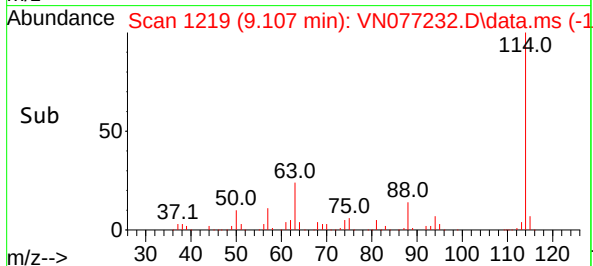
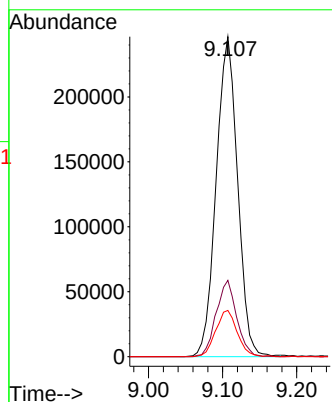
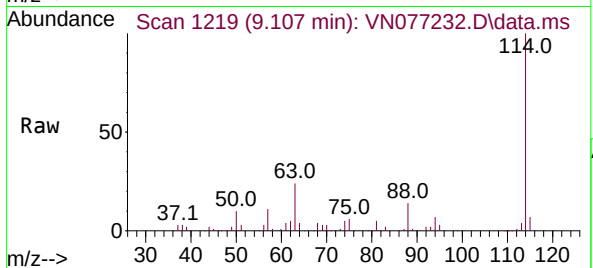
Tgt Ion:114 Resp: 494244

Ion Ratio Lower Upper

114 100

63 23.8 0.0 36.6

88 14.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.857 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077232.D

Acq: 28 Mar 2023 12:54

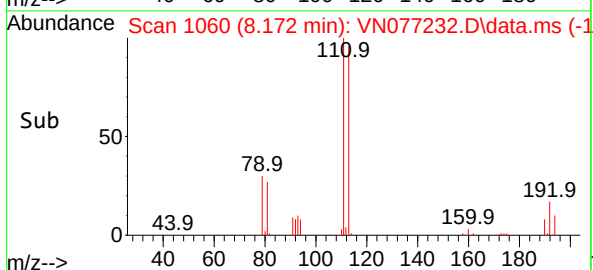
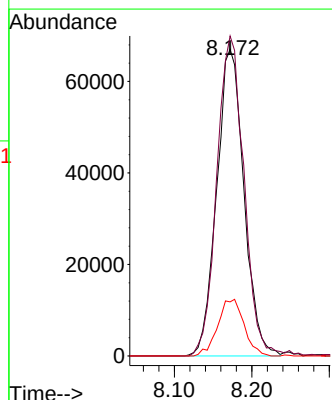
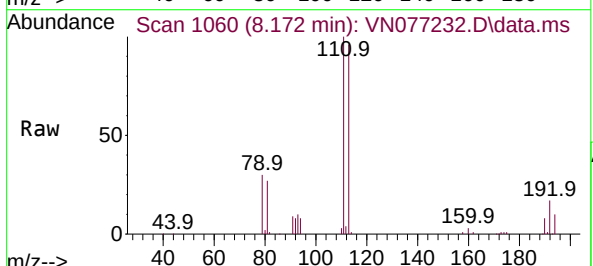
Tgt Ion:113 Resp: 163852

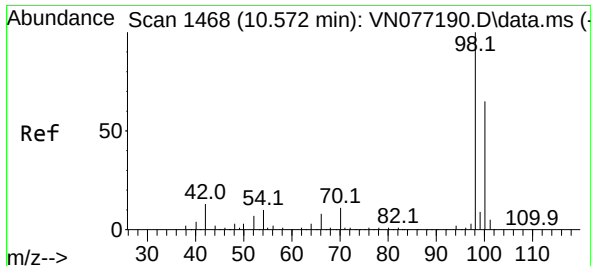
Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

192 17.8 13.9 20.9

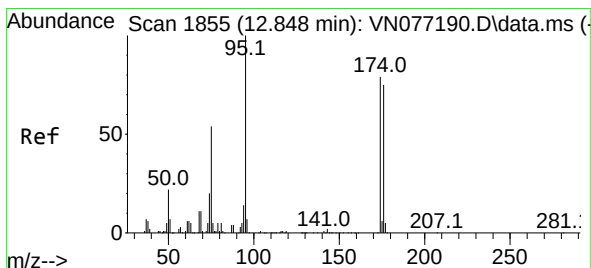
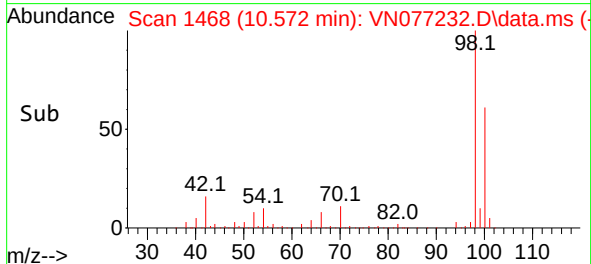
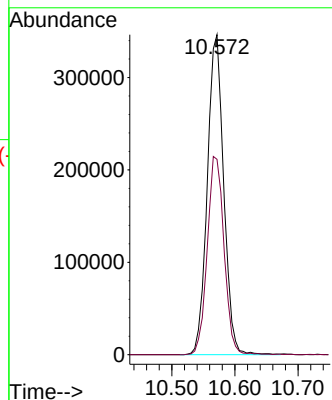
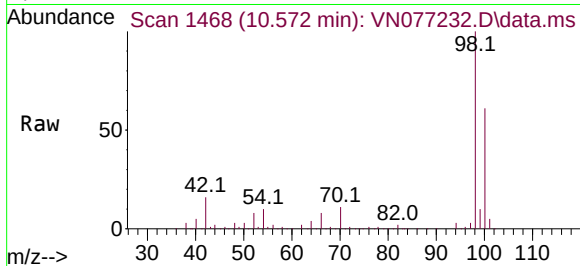




#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

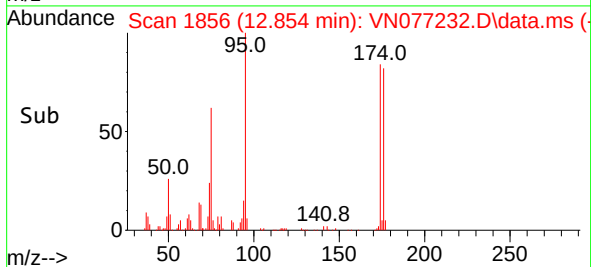
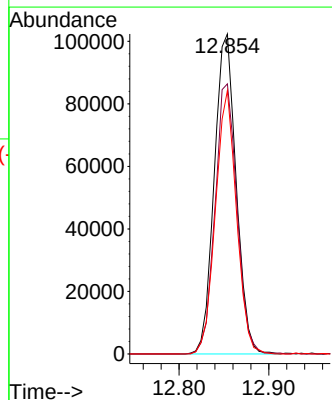
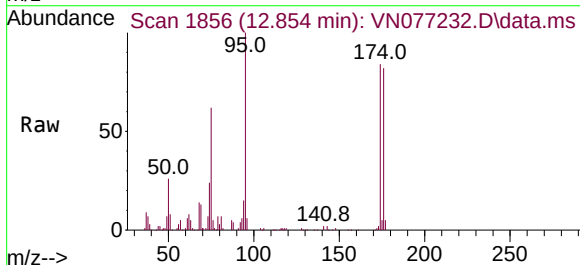
Instrument :
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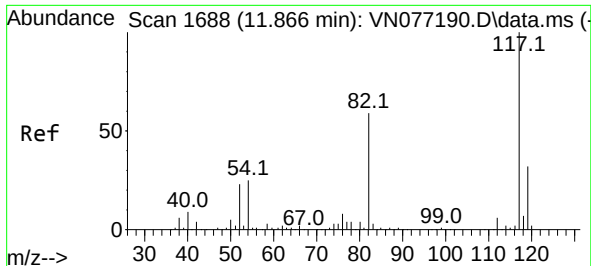
Tgt Ion: 98 Resp: 624565
Ion Ratio Lower Upper
98 100
100 63.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 41.991 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Tgt Ion: 95 Resp: 173181
Ion Ratio Lower Upper
95 100
174 84.9 0.0 162.4
176 79.0 0.0 157.4

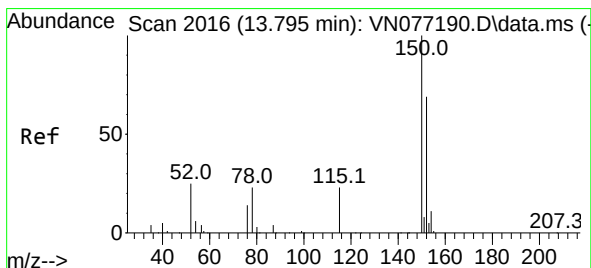
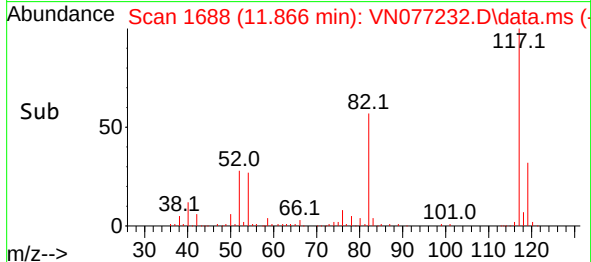
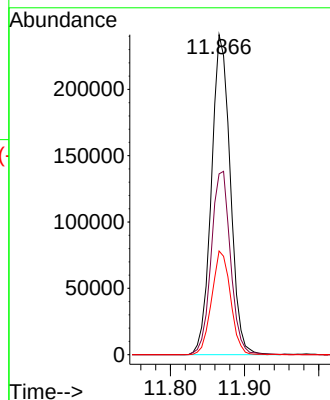
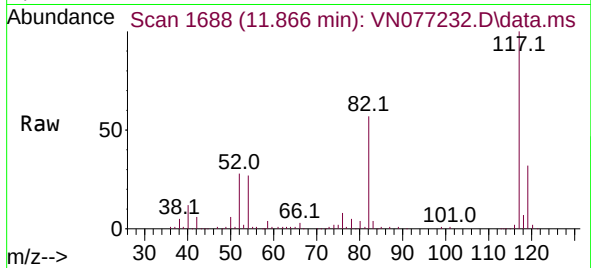




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL02

Tgt Ion:117 Resp: 425655
Ion Ratio Lower Upper
117 100
82 56.5 43.5 65.3
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077232.D
Acq: 28 Mar 2023 12:54

Tgt Ion:152 Resp: 152599
Ion Ratio Lower Upper
152 100
115 59.3 30.3 90.9
150 157.2 0.0 353.6

