

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077293.D
 Acq On : 11 Apr 2023 10:16
 Operator : JC\MD
 Sample : VN0411WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBL01

Quant Time: Apr 12 04:36:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	510020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	969462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	840544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	289565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	319473	45.831	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.660%
35) Dibromofluoromethane	8.172	113	293252	47.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	10.572	98	1210085	48.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.854	95	346777	41.733	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.460%

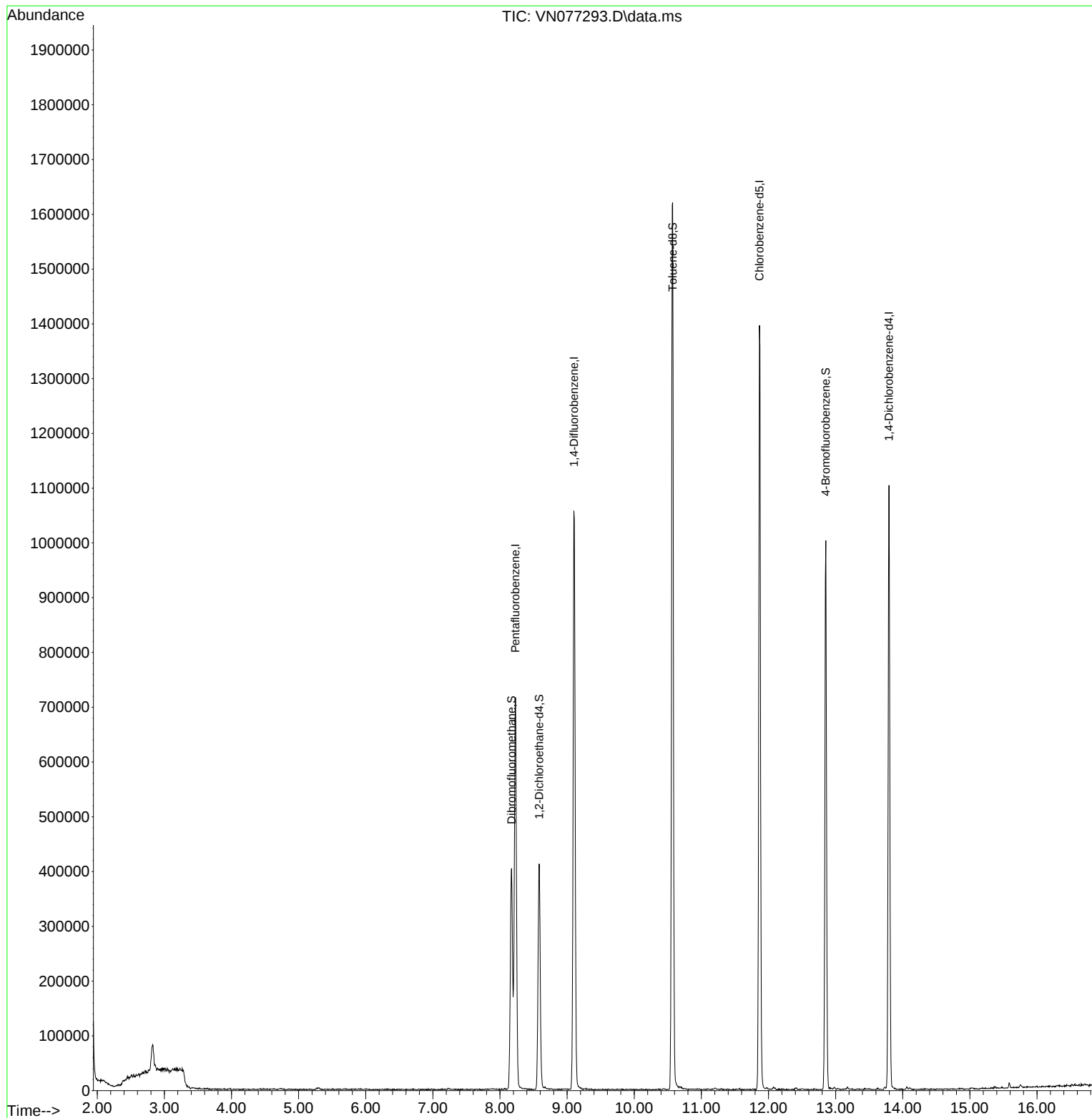
Target Compounds	Qvalue

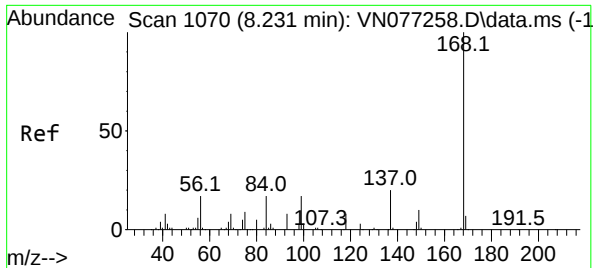
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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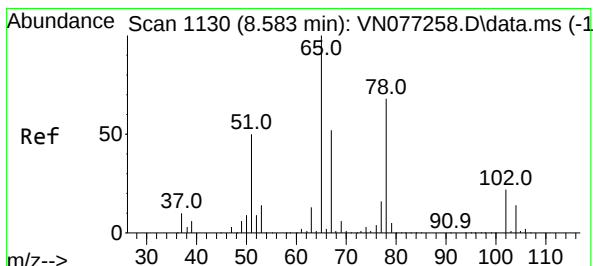
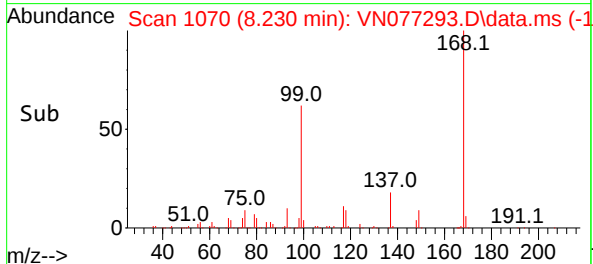
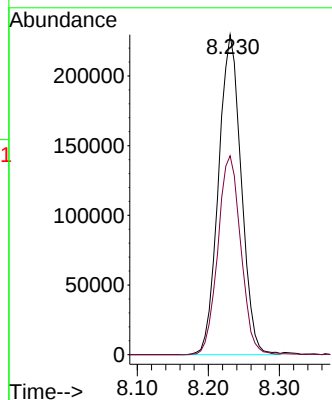
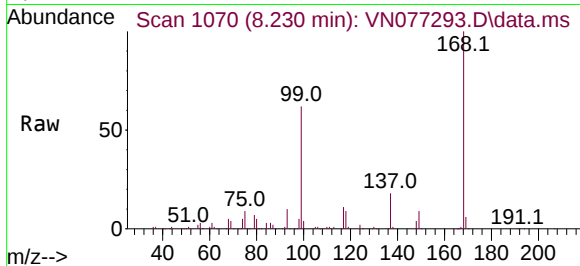




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.001 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

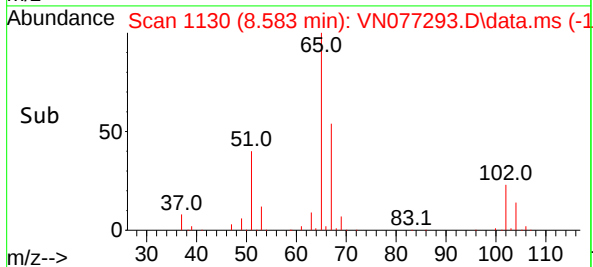
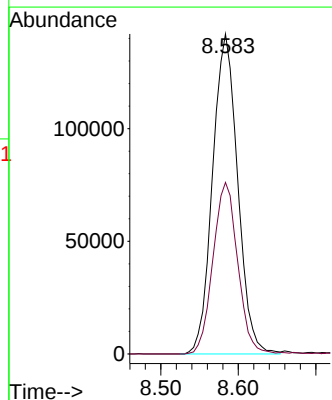
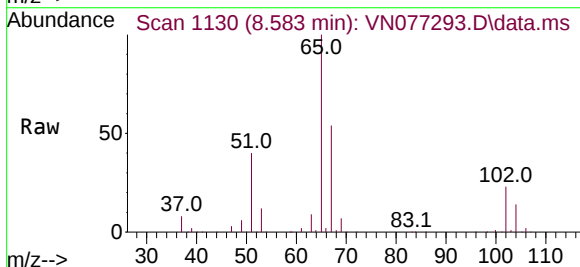
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

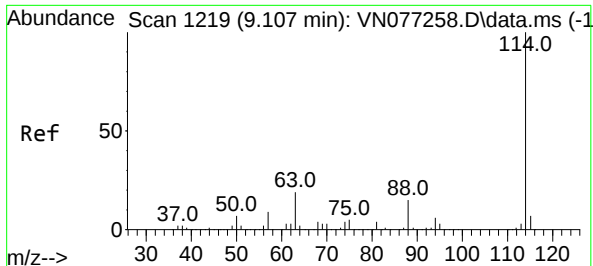
Tgt Ion:168 Resp: 510020
Ion Ratio Lower Upper
168 100
99 62.2 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 45.831 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Tgt Ion: 65 Resp: 319473
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077293.D

Acq: 11 Apr 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBL01

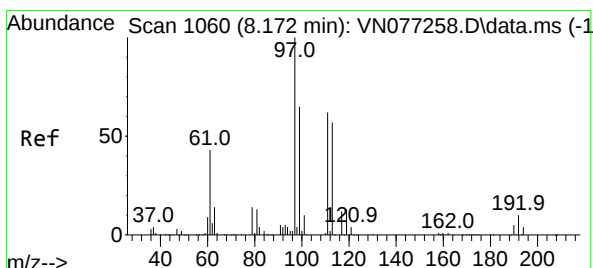
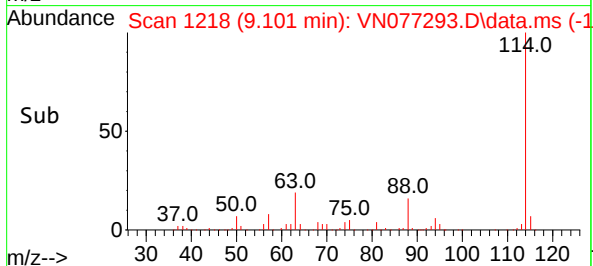
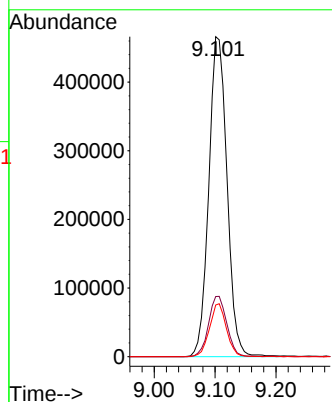
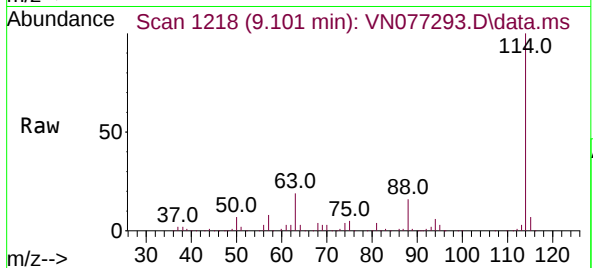
Tgt Ion:114 Resp: 969462

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

88 16.1 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.251 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077293.D

Acq: 11 Apr 2023 10:16

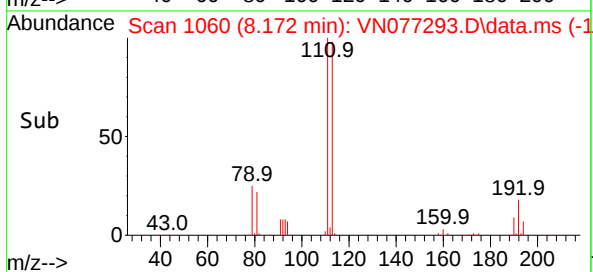
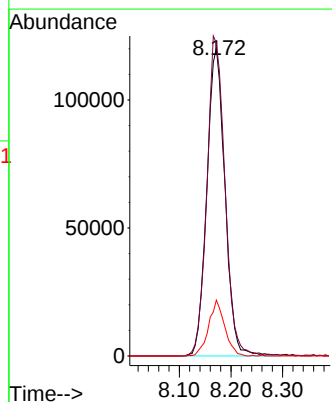
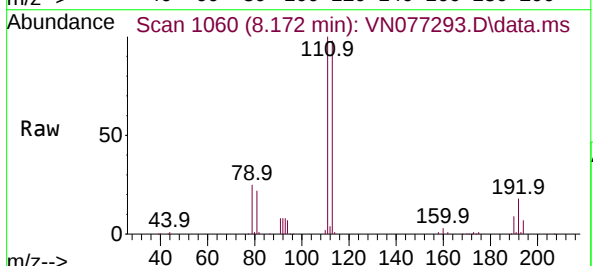
Tgt Ion:113 Resp: 293252

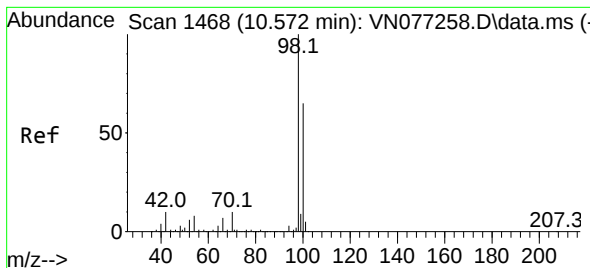
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

192 16.1 13.5 20.3

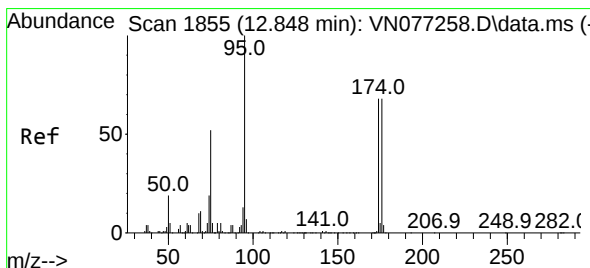
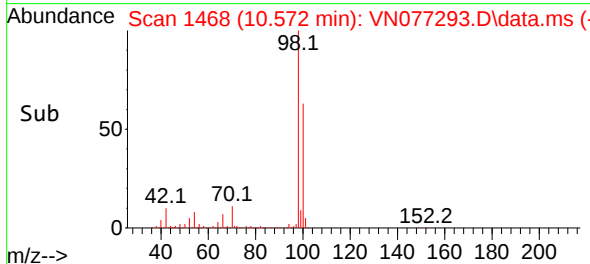
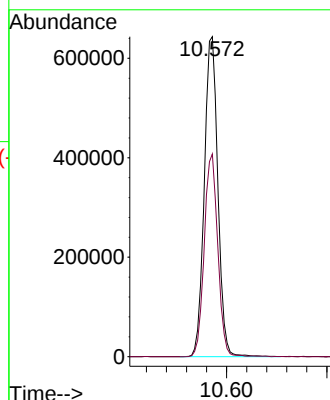
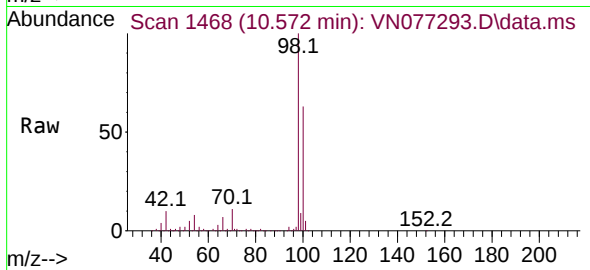




#50
Toluene-d8
Concen: 48.434 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

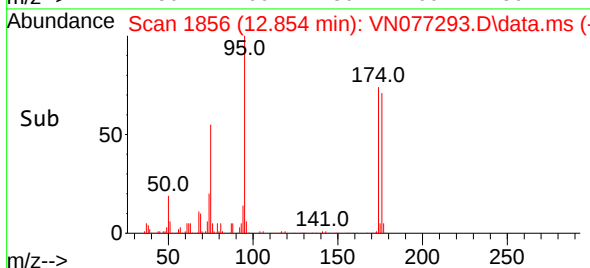
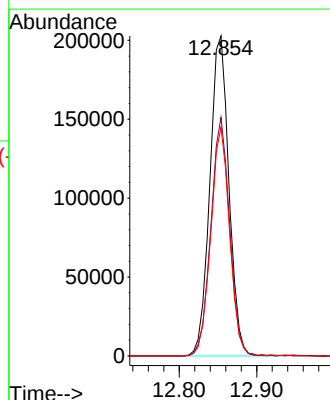
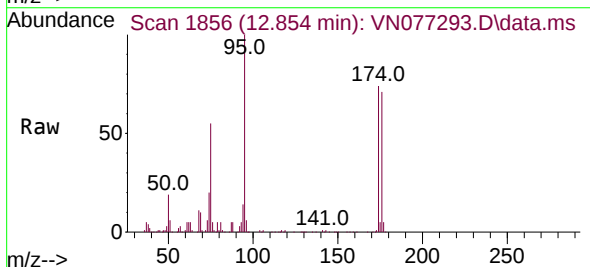
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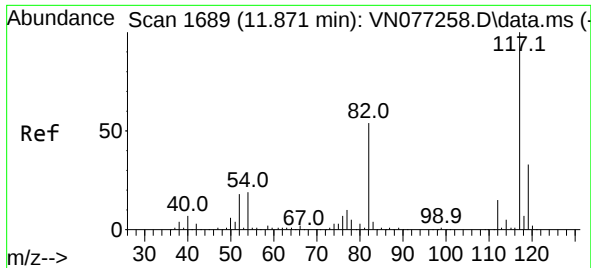
Tgt Ion: 98 Resp: 1210085
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 41.733 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Tgt Ion: 95 Resp: 346777
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.8
176 70.1 0.0 139.6

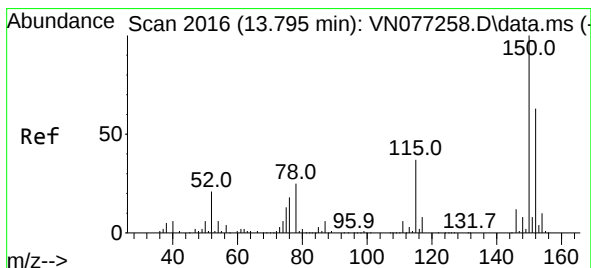
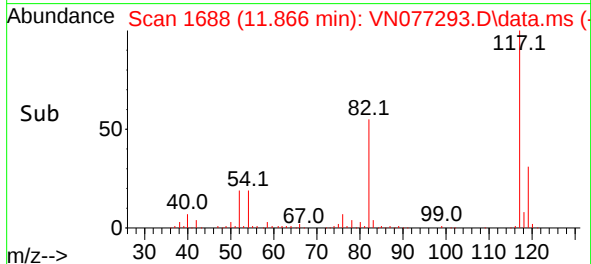
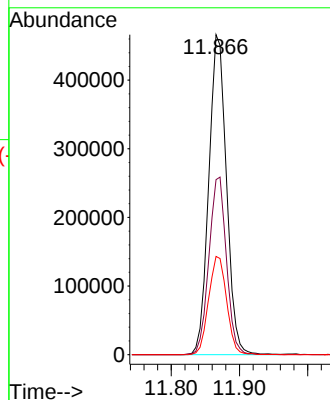
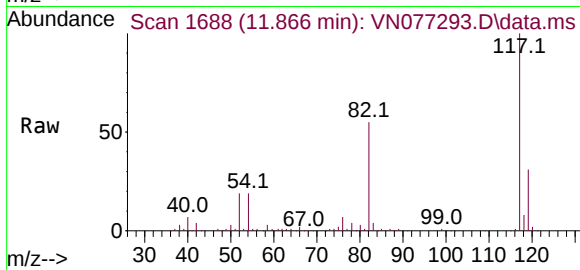




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

Tgt Ion:117 Resp: 840544
Ion Ratio Lower Upper
117 100
82 54.7 42.9 64.3
119 30.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077293.D
Acq: 11 Apr 2023 10:16

Tgt Ion:152 Resp: 289565
Ion Ratio Lower Upper
152 100
115 62.9 32.1 96.3
150 158.6 0.0 354.8

