

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073852.D
 Acq On : 12 Aug 2022 15:24
 Operator : JC\MD
 Sample : N4194-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Aug 13 05:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	431778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	677066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	641271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	292693	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	254612	48.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.780%
35) Dibromofluoromethane	7.951	113	243612	57.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.600%
50) Toluene-d8	10.380	98	775497	46.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.674	95	280802	47.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.860%

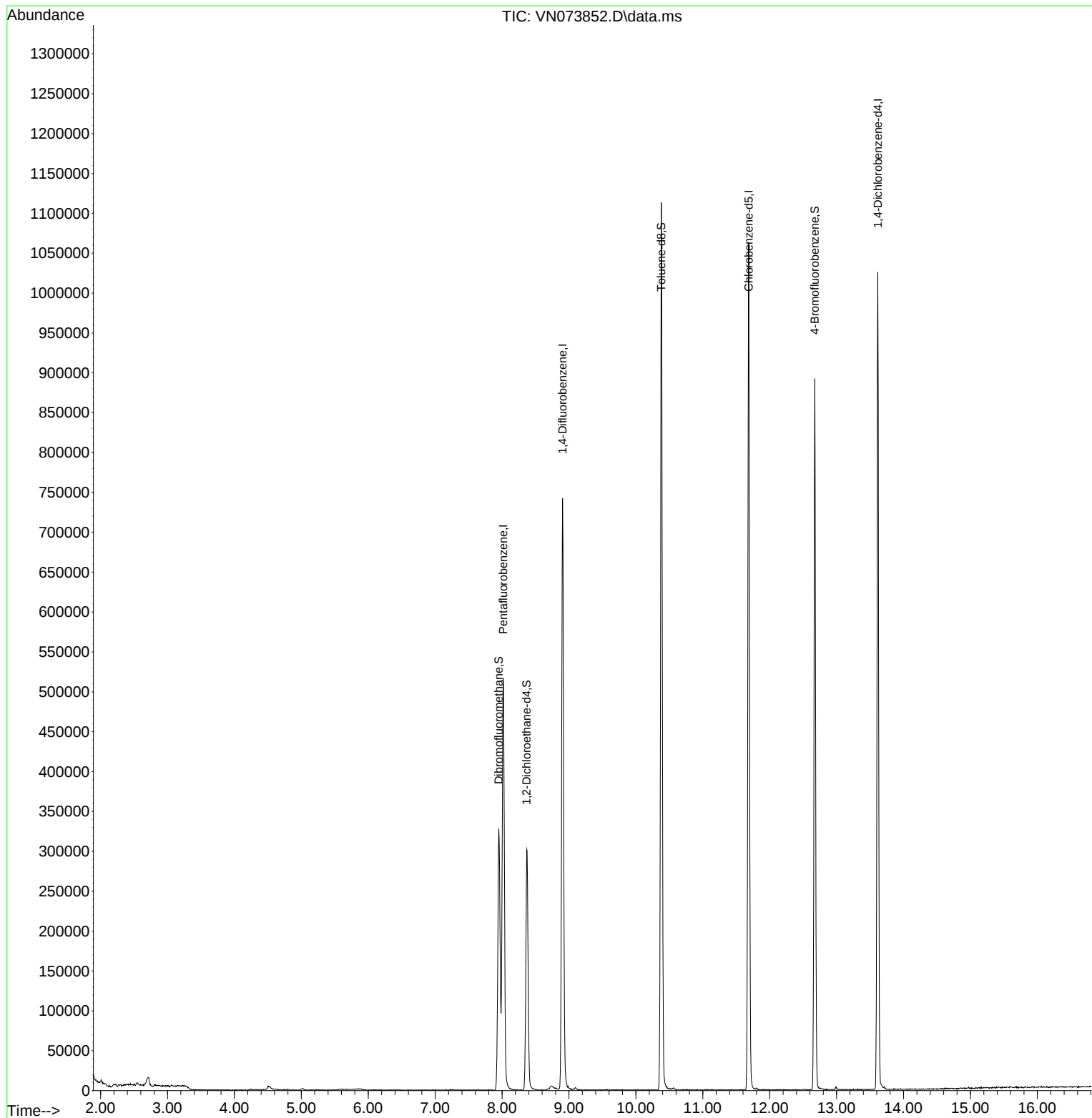
Target Compounds	Qvalue

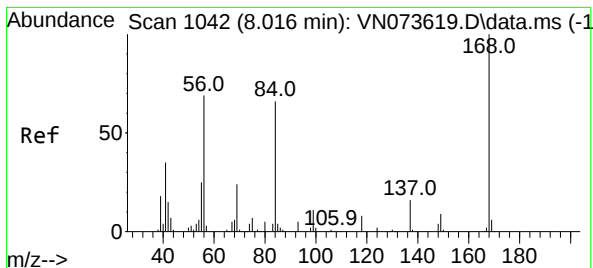
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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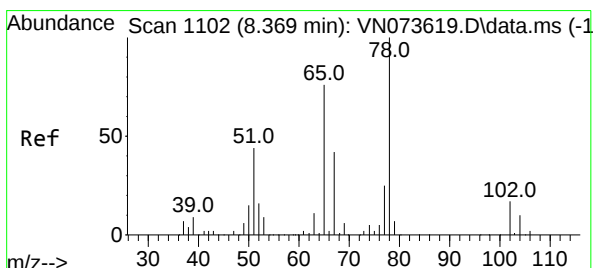
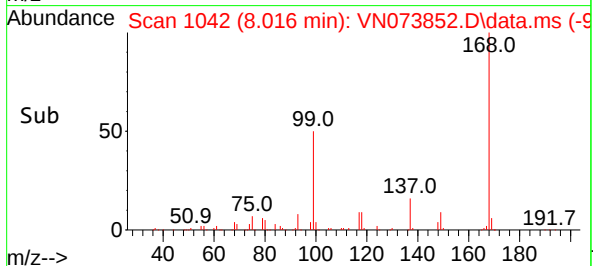
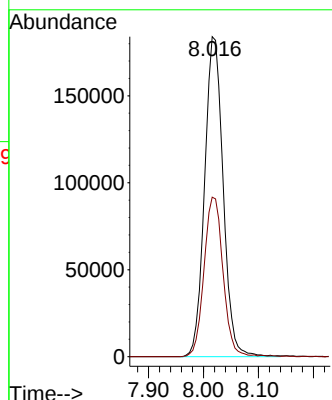
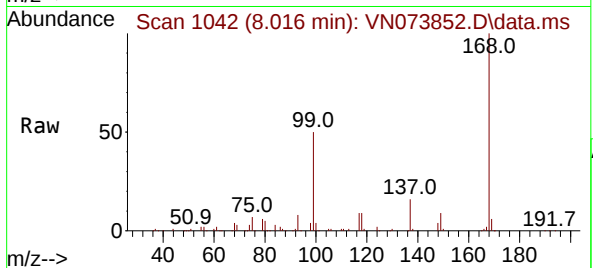




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073852.D
Acq: 12 Aug 2022 15:24

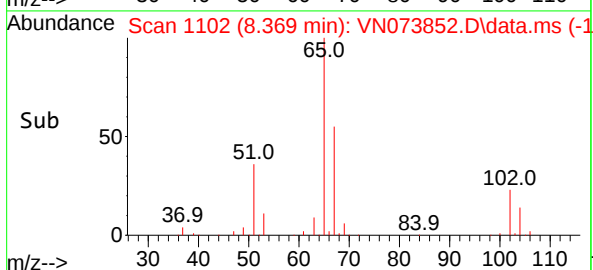
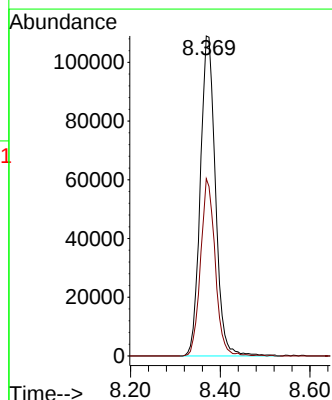
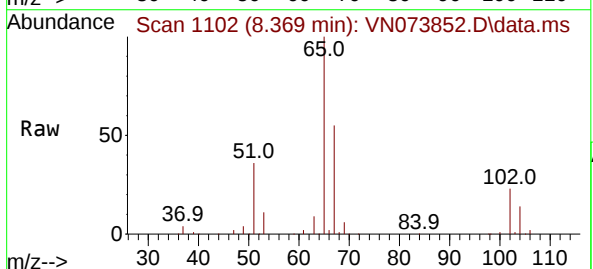
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

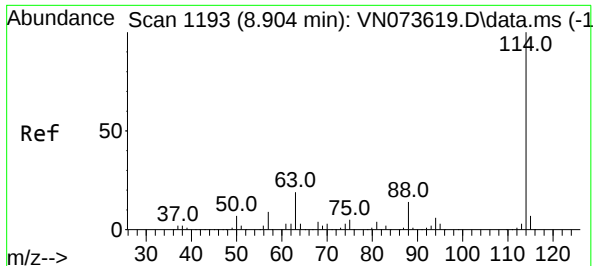
Tgt Ion:168 Resp: 431778
Ion Ratio Lower Upper
168 100
99 49.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 48.388 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073852.D
Acq: 12 Aug 2022 15:24

Tgt Ion: 65 Resp: 254612
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8

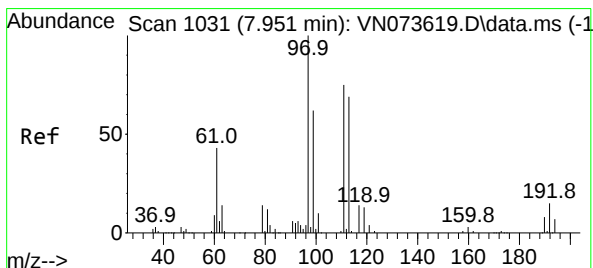
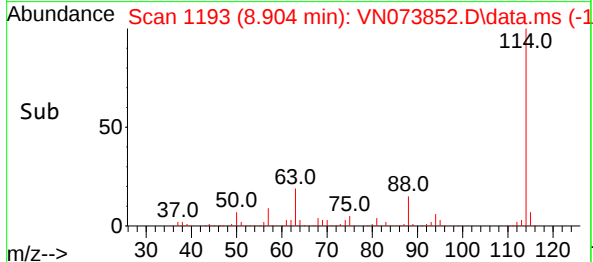
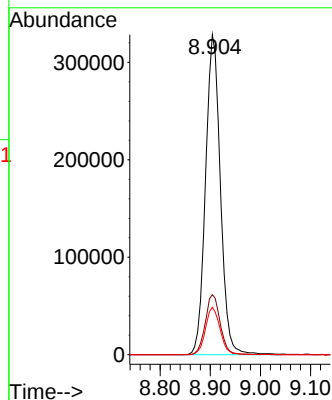
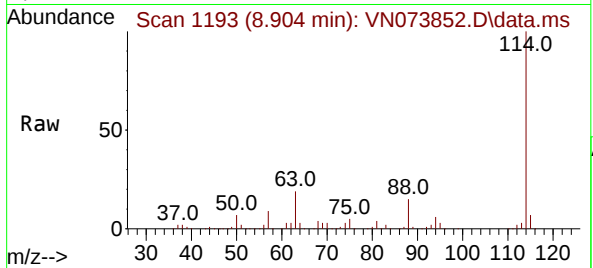




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073852.D
Acq: 12 Aug 2022 15:24

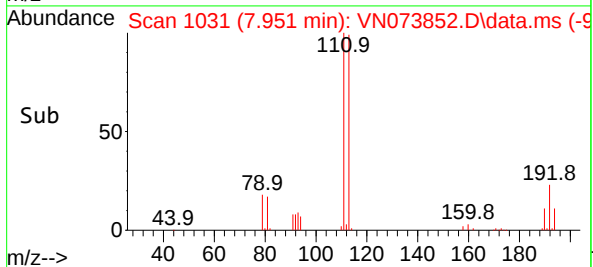
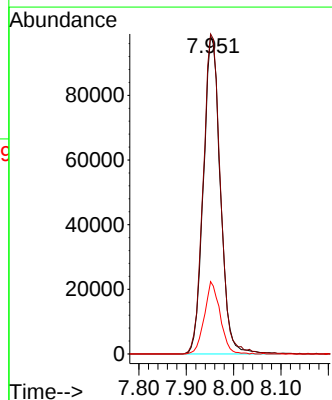
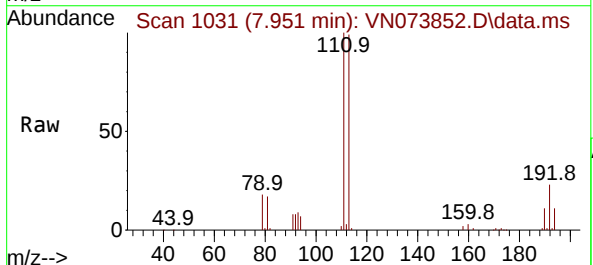
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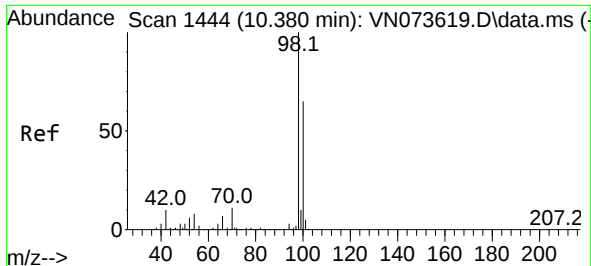
Tgt Ion:114 Resp: 677066
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 14.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 57.300 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073852.D
Acq: 12 Aug 2022 15:24

Tgt Ion:113 Resp: 243612
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 21.2 17.0 25.6

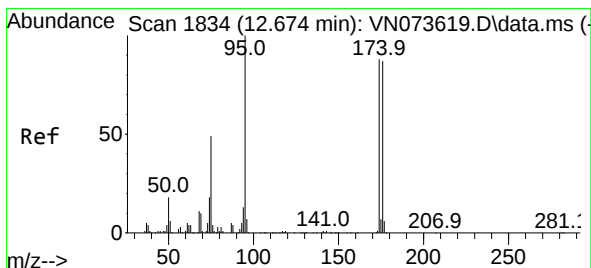
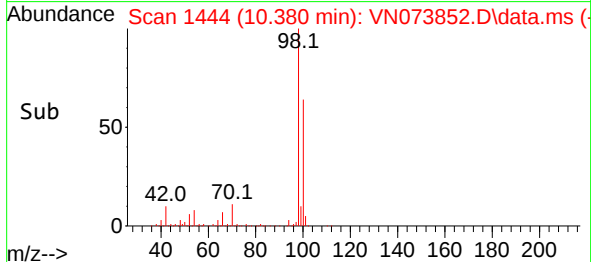
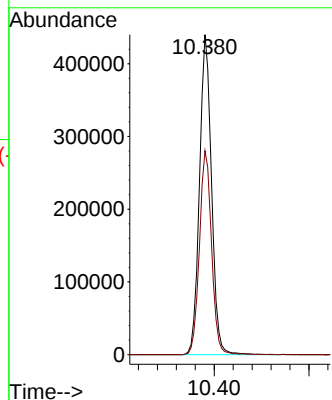
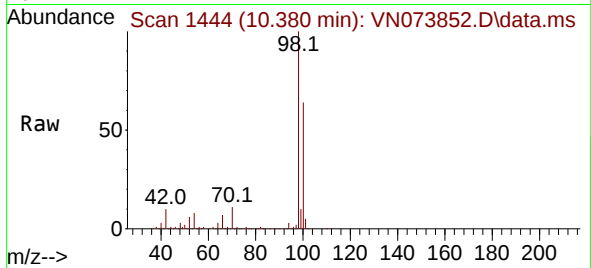




#50
Toluene-d8
Concen: 46.353 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073852.D
Acq: 12 Aug 2022 15:24

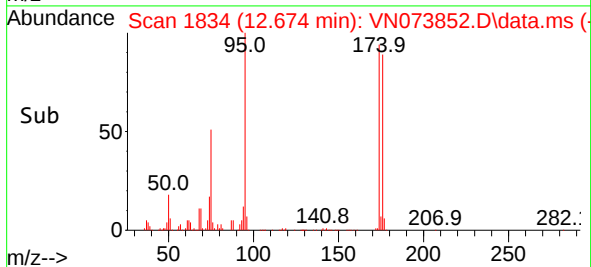
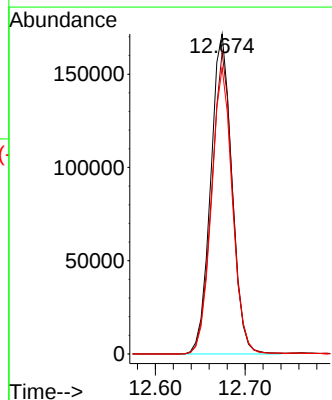
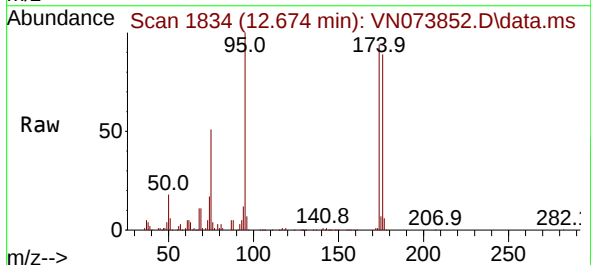
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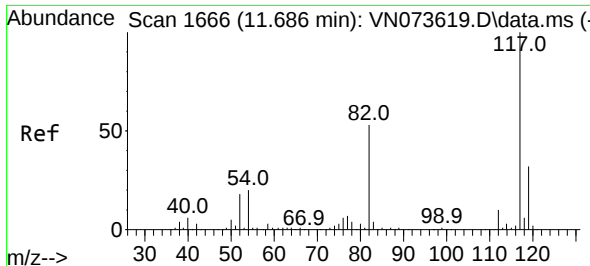
Tgt Ion: 98 Resp: 775497
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.931 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073852.D
Acq: 12 Aug 2022 15:24

Tgt Ion: 95 Resp: 280802
Ion Ratio Lower Upper
95 100
174 93.0 0.0 167.6
176 88.3 0.0 163.4

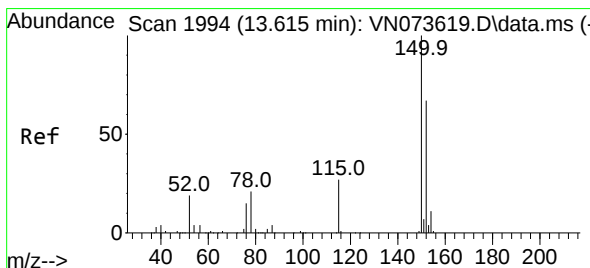
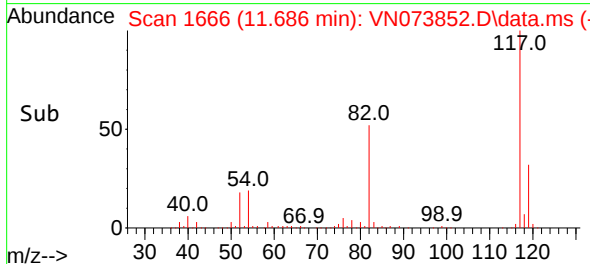
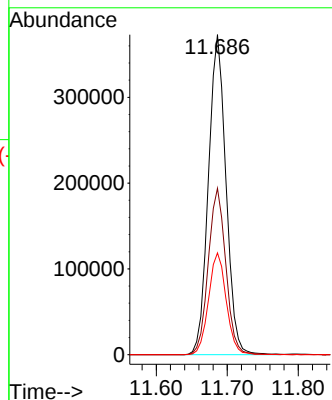
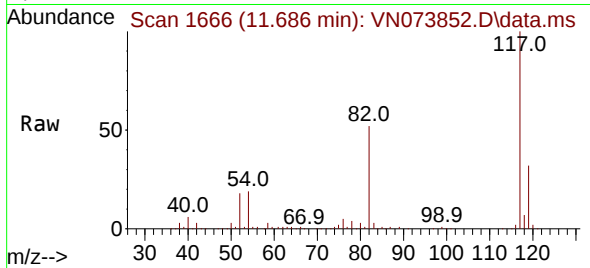




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073852.D
Acq: 12 Aug 2022 15:24

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 641271
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073852.D
Acq: 12 Aug 2022 15:24

Tgt Ion:152 Resp: 292693
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 155.0 0.0 356.2

