

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073405.D
 Acq On : 08 Jul 2022 20:11
 Operator : JC\MD
 Sample : N3642-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jul 09 05:30:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	280046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	470379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	439385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	210848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184058	45.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.060%
35) Dibromofluoromethane	7.951	113	153337	48.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	10.380	98	492819	44.339	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.680%
62) 4-Bromofluorobenzene	12.669	95	217463	50.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.820%

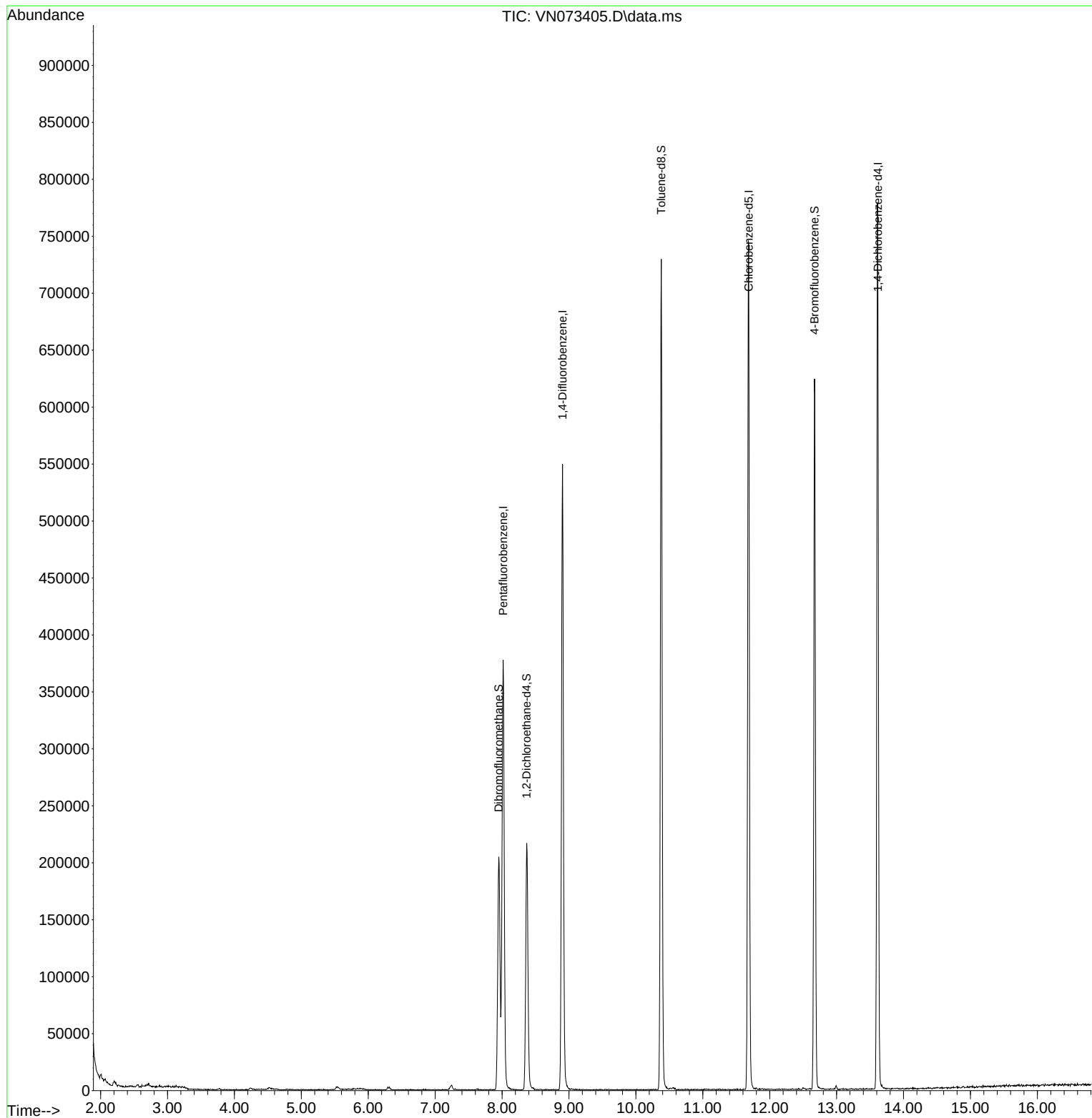
Target Compounds	Qvalue

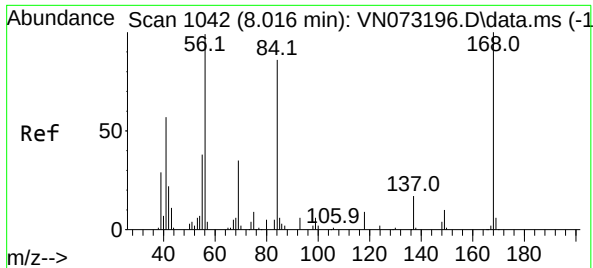
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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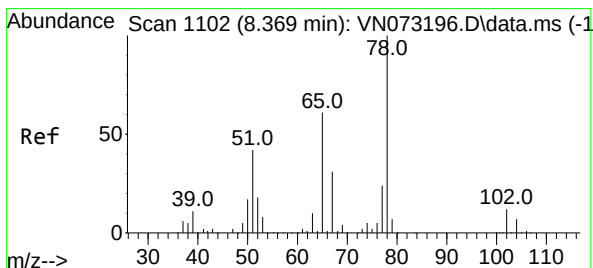
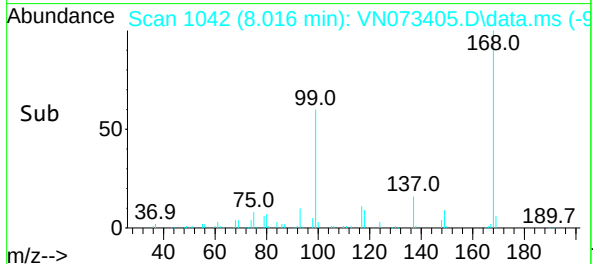
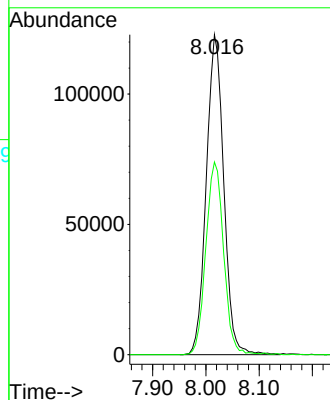
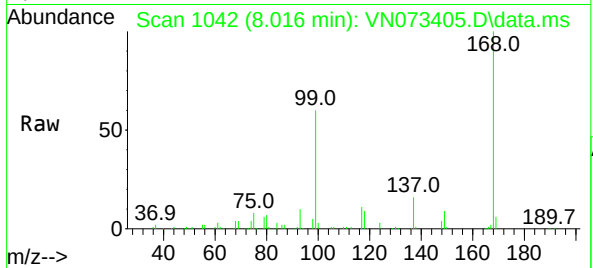




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073405.D
Acq: 08 Jul 2022 20:11

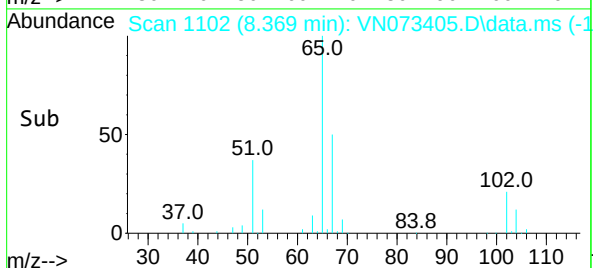
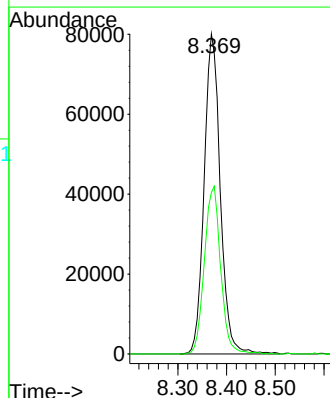
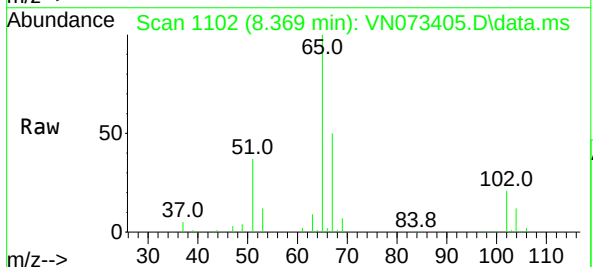
Instrument :
MSVOA_N
ClientSampleId :
MW-3

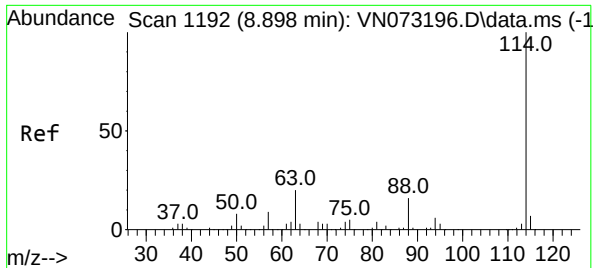
Tgt Ion:168 Resp: 280046
Ion Ratio Lower Upper
168 100
99 60.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.528 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073405.D
Acq: 08 Jul 2022 20:11

Tgt Ion: 65 Resp: 184058
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8

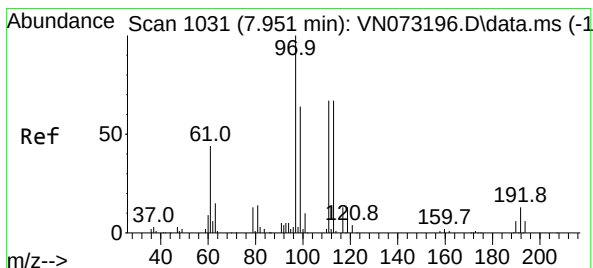
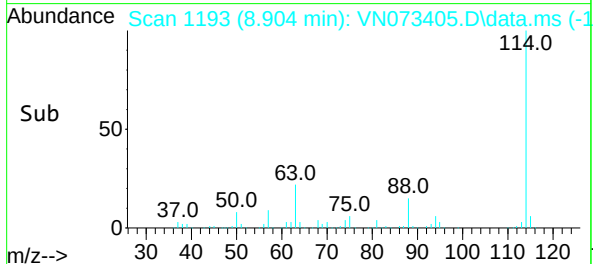
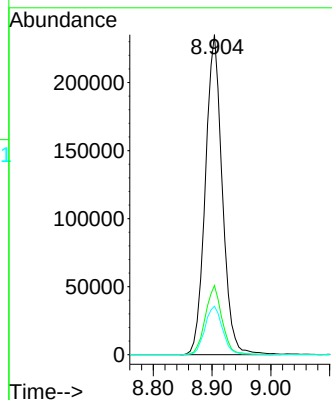
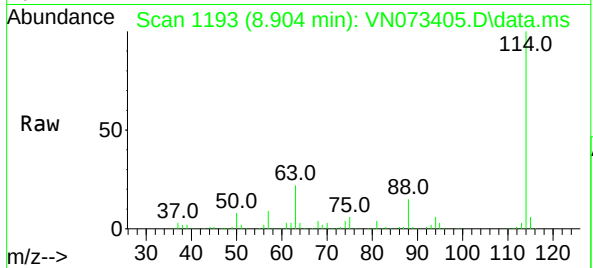




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073405.D
Acq: 08 Jul 2022 20:11

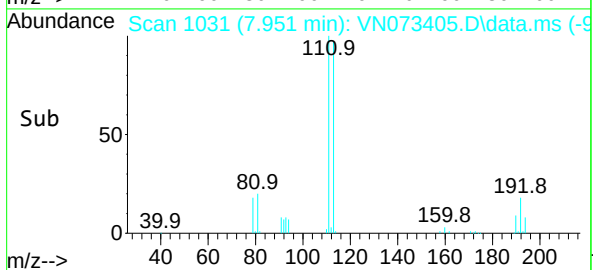
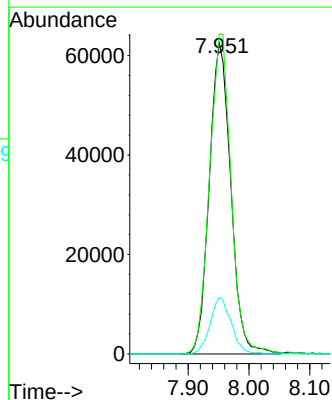
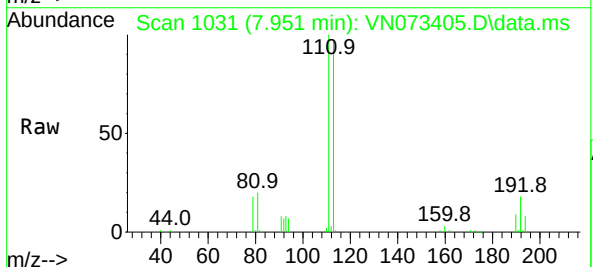
Instrument :
MSVOA_N
ClientSampleId :
MW-3

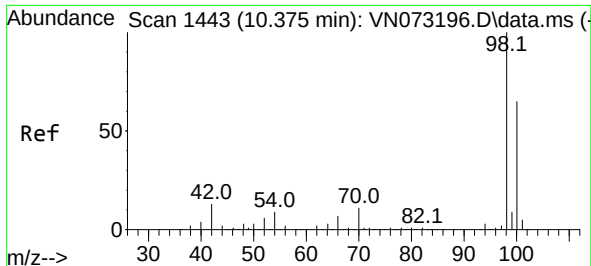
Tgt Ion:114 Resp: 470379
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.997 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073405.D
Acq: 08 Jul 2022 20:11

Tgt Ion:113 Resp: 153337
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 17.8 17.0 25.6

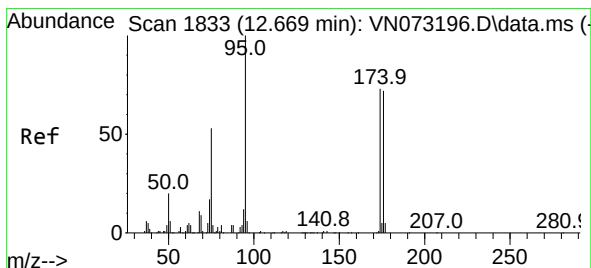
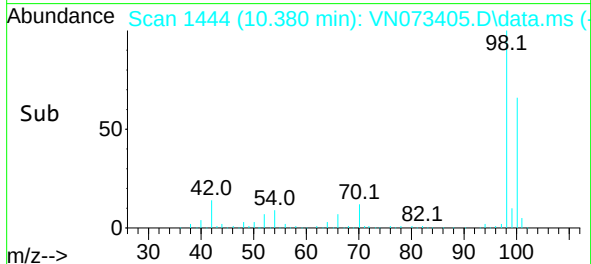
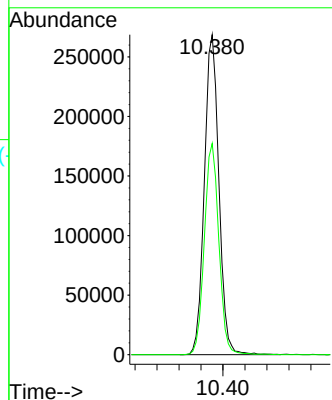
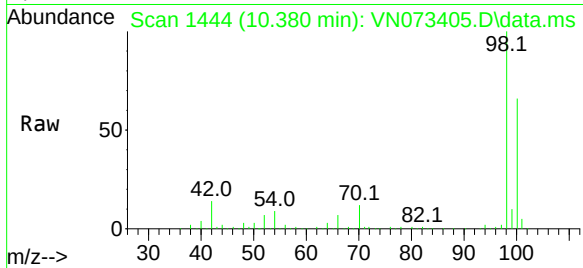




#50
Toluene-d8
Concen: 44.339 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073405.D
Acq: 08 Jul 2022 20:11

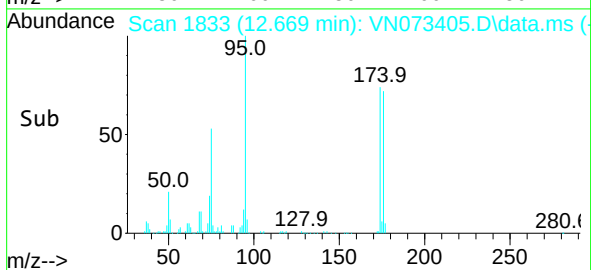
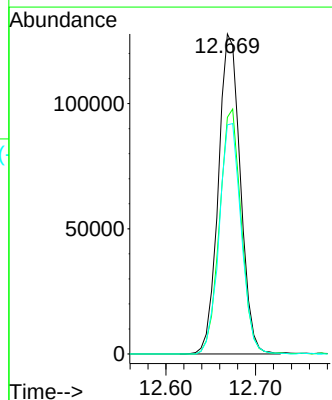
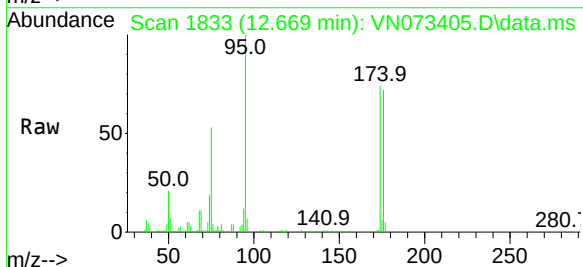
Instrument :
MSVOA_N
ClientSampleId :
MW-3

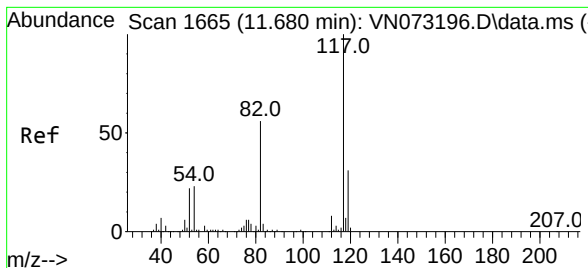
Tgt Ion: 98 Resp: 492819
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.911 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073405.D
Acq: 08 Jul 2022 20:11

Tgt Ion: 95 Resp: 217463
Ion Ratio Lower Upper
95 100
174 75.2 0.0 167.6
176 72.2 0.0 163.4

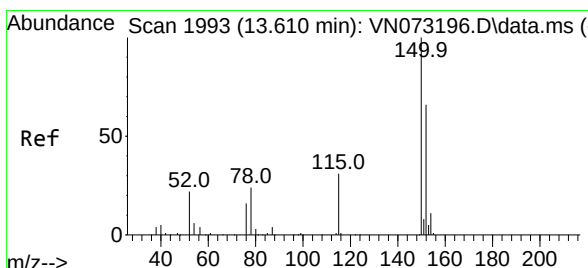
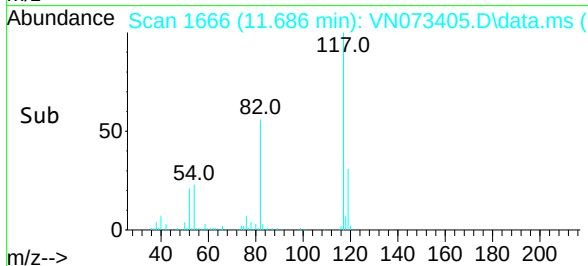
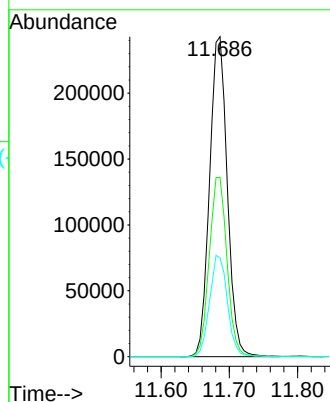
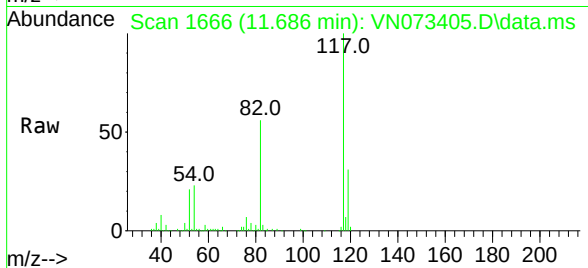




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073405.D
Acq: 08 Jul 2022 20:11

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:117 Resp: 439385
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073405.D
Acq: 08 Jul 2022 20:11

Tgt Ion:152 Resp: 210848
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 157.1 0.0 356.2

