

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071597.D
 Acq On : 28 Mar 2022 11:01
 Operator : JC\MD
 Sample : VN0328WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

Quant Time: Mar 29 04:36:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	769522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1286149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1252477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	466700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	435881	45.592	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.180%
35) Dibromofluoromethane	8.016	113	366308	45.318	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.640%
50) Toluene-d8	10.433	98	1562280	47.918	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.727	95	529268	49.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.080%

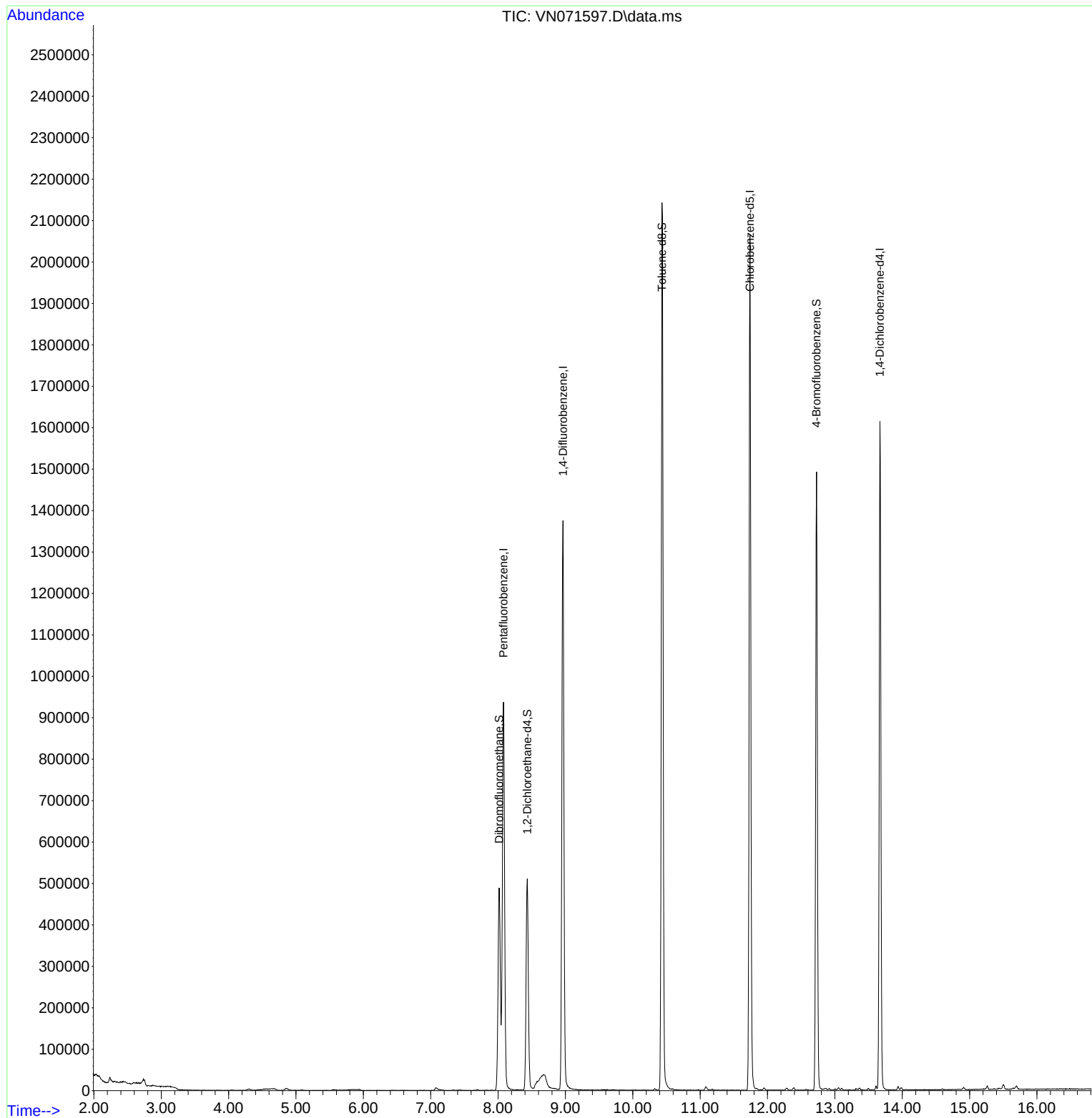
Target Compounds	Qvalue

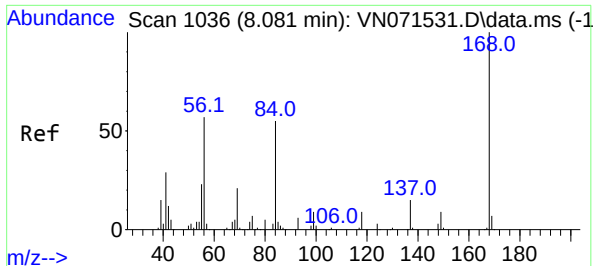
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VN071597.D

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MSVOA_N

ClientSampleId :

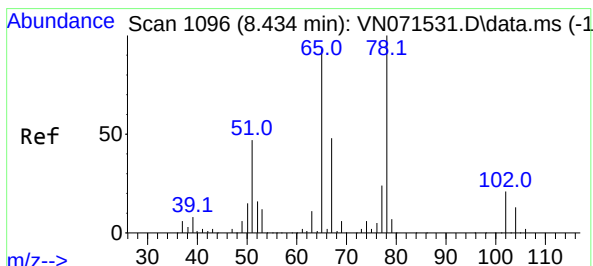
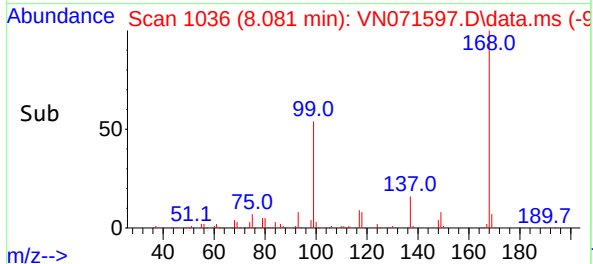
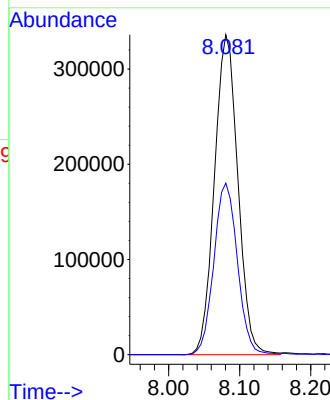
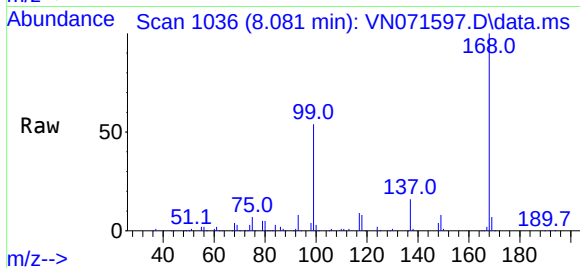
VN0328WBL01

Tgt Ion:168 Resp: 769522

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



1,2-Dichloroethane-d4

Concen: 45.592 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071597.D

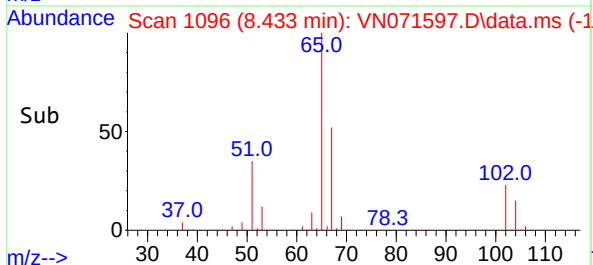
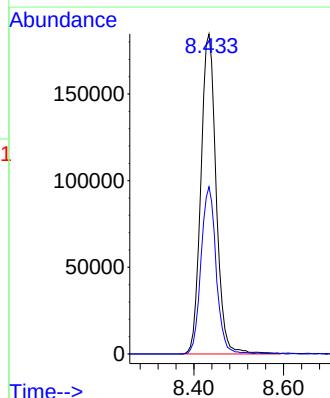
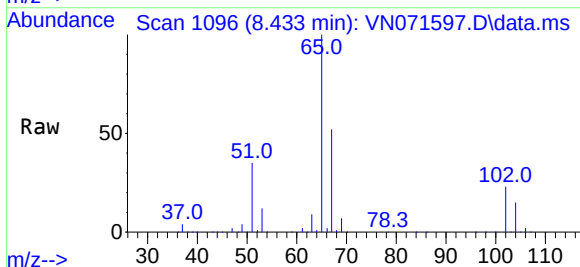
Acq: 28 Mar 2022 11:01

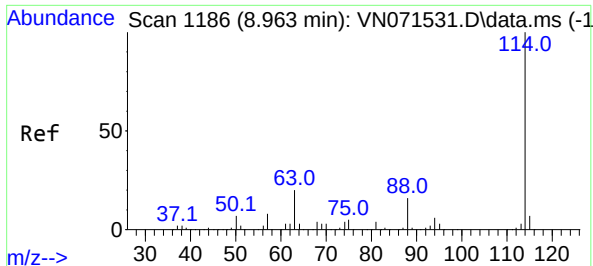
Tgt Ion: 65 Resp: 435881

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8

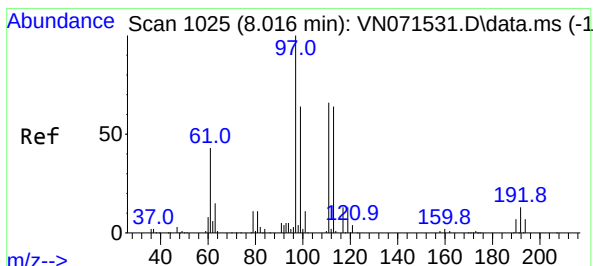
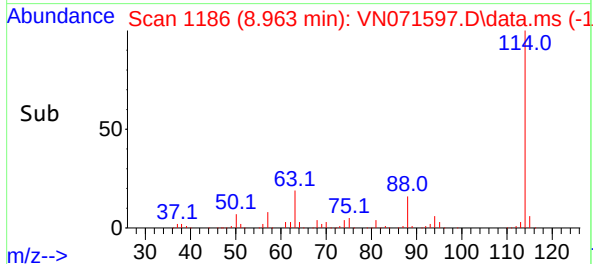
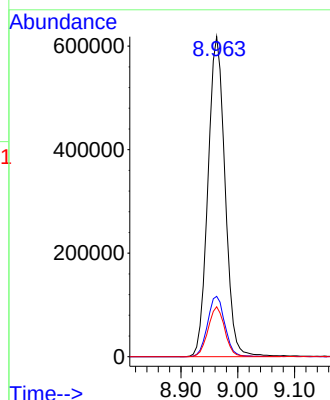
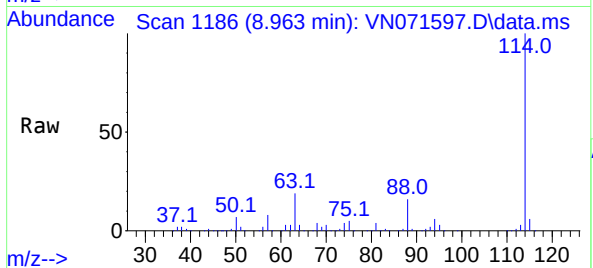




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071597.D
Acq: 28 Mar 2022 11:01

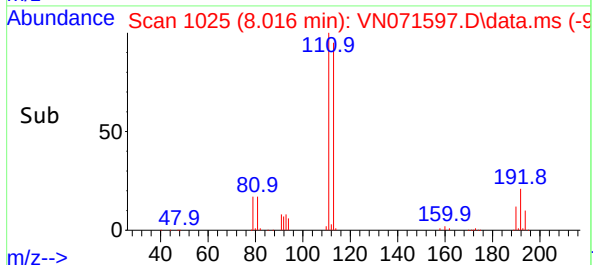
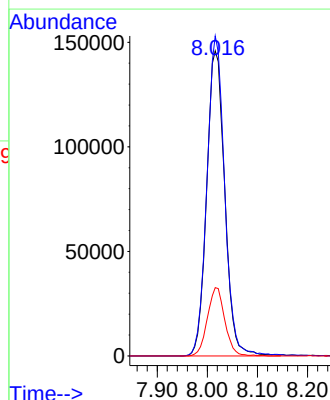
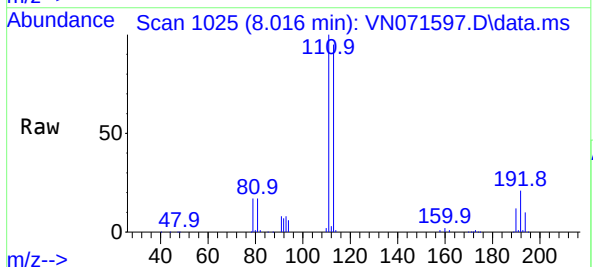
Instrument :
MSVOA_N
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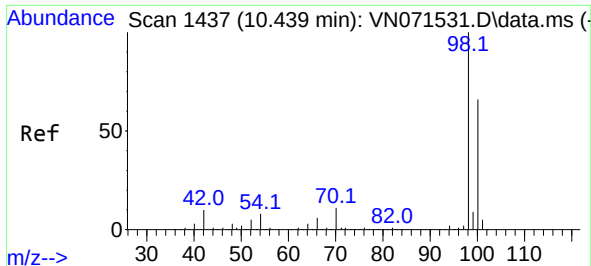
Tgt Ion:114 Resp: 1286149
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.318 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071597.D
Acq: 28 Mar 2022 11:01

Tgt Ion:113 Resp: 366308
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 21.5 17.0 25.6

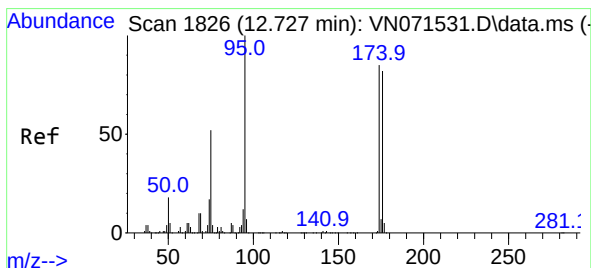
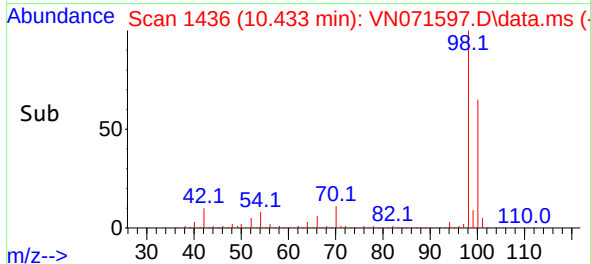
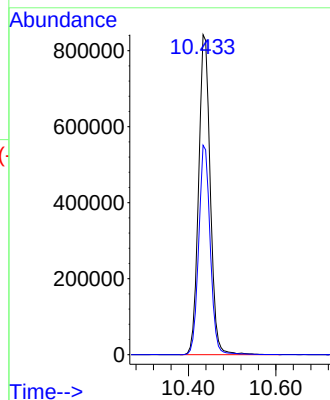
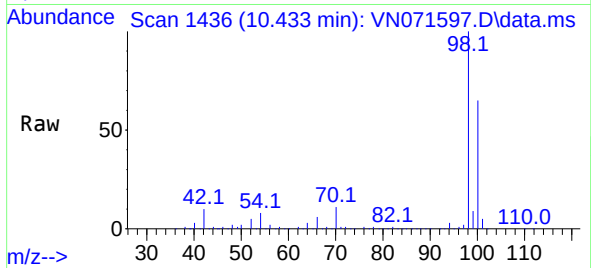




#50
Toluene-d8
Concen: 47.918 ug/l
RT: 10.433 min Scan# 1437
Delta R.T. -0.006 min
Lab File: VN071597.D
Acq: 28 Mar 2022 11:01

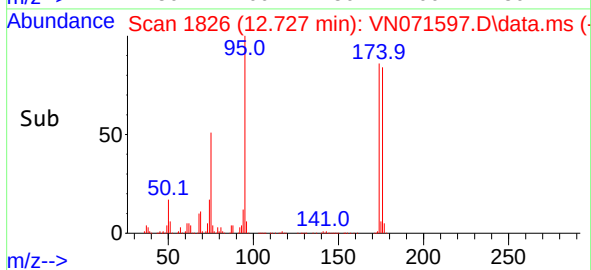
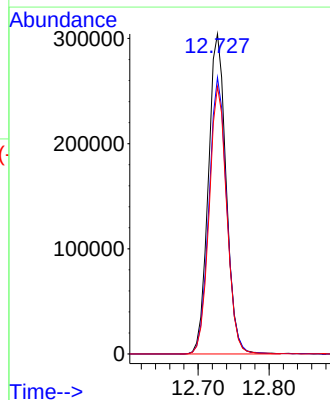
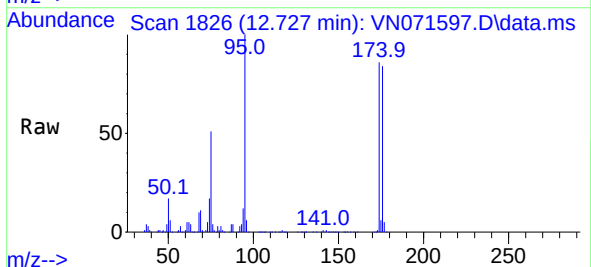
Instrument :
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VN0328WBL01

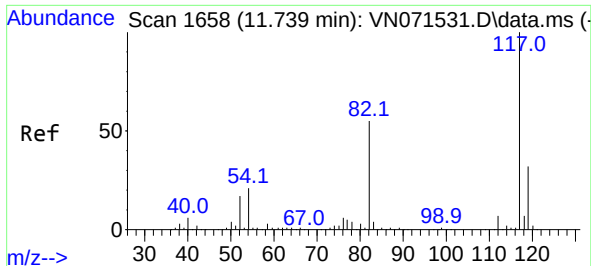
Tgt Ion: 98 Resp: 1562280
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.544 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071597.D
Acq: 28 Mar 2022 11:01

Tgt Ion: 95 Resp: 529268
Ion Ratio Lower Upper
95 100
174 86.5 0.0 167.6
176 82.8 0.0 163.4

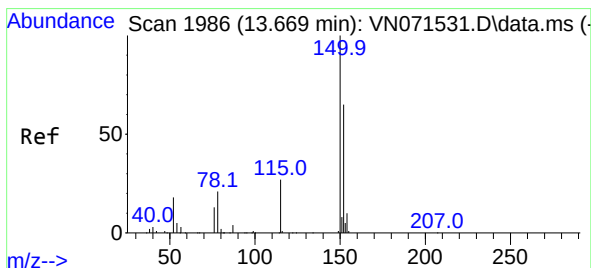
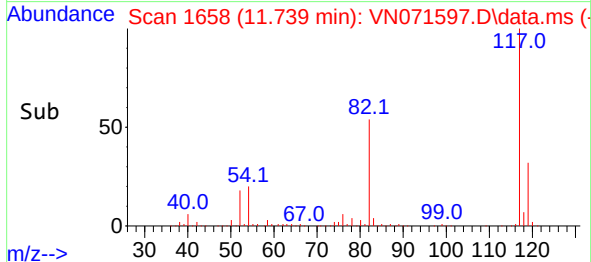
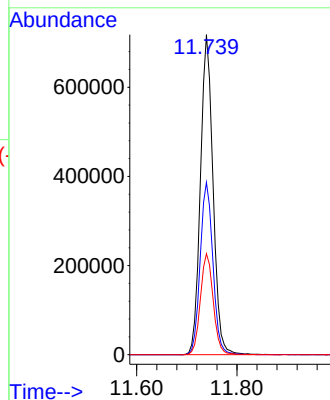
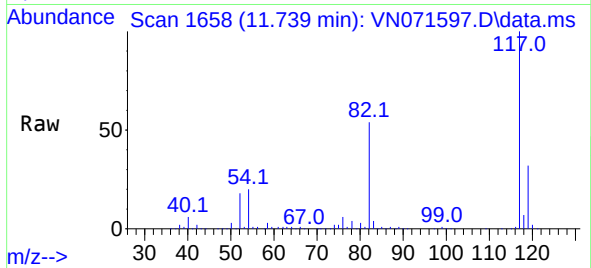




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071597.D
Acq: 28 Mar 2022 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

Tgt Ion:117 Resp: 1252477
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071597.D
Acq: 28 Mar 2022 11:01

Tgt Ion:152 Resp: 466700
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 158.1 0.0 356.2

