

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071971.D
 Acq On : 13 Apr 2022 12:08
 Operator : JC\MD
 Sample : VN0413MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413MBL01

Quant Time: Apr 14 02:30:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	530943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	892515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	892926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	302023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	280242	46.234	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.460%
35) Dibromofluoromethane	8.022	113	257674	49.063	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.120%
50) Toluene-d8	10.439	98	1108059	51.575	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.727	95	350803	50.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.980%

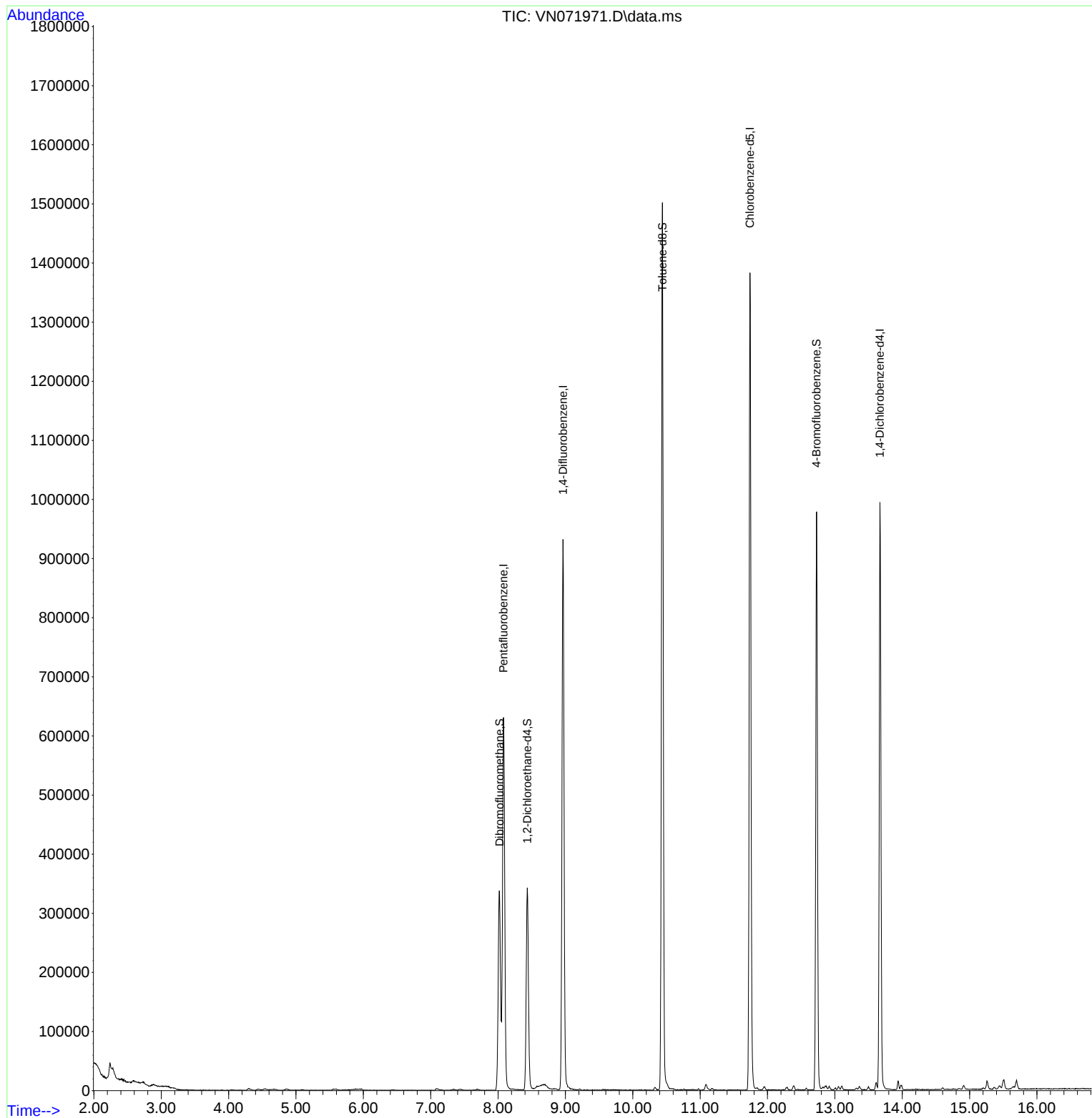
Target Compounds	Qvalue

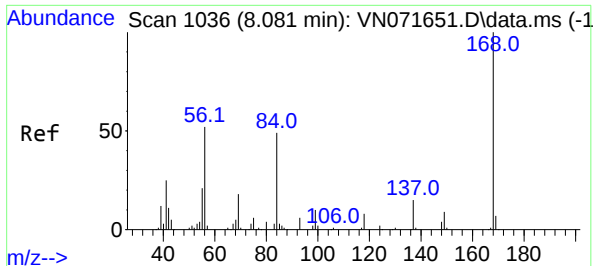
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VN071971.D

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Instrument :

MSVOA_N

ClientSampleId :

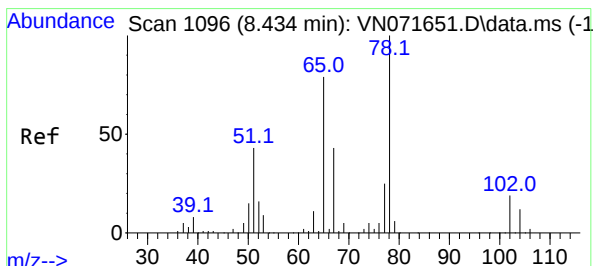
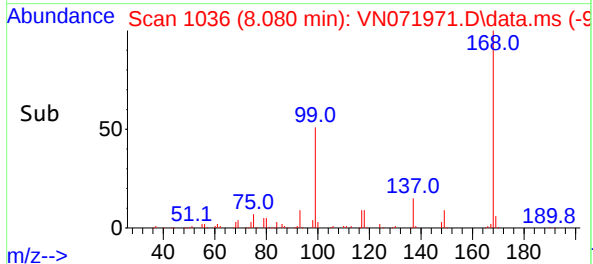
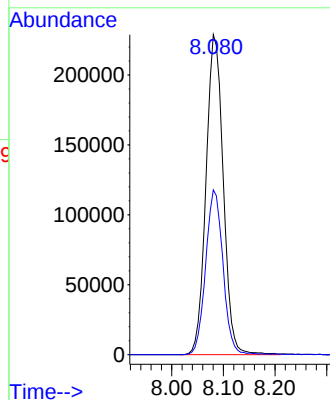
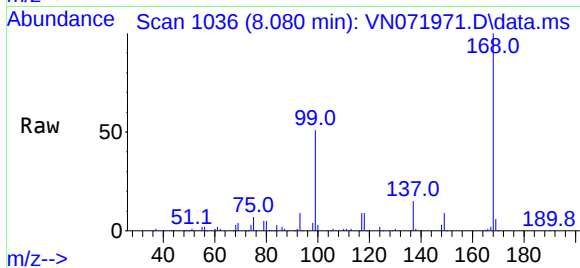
VN0413MBL01

Tgt Ion:168 Resp: 530943

Ion Ratio Lower Upper

168 100

99 51.5 42.3 63.5



1,2-Dichloroethane-d4

Concen: 46.234 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071971.D

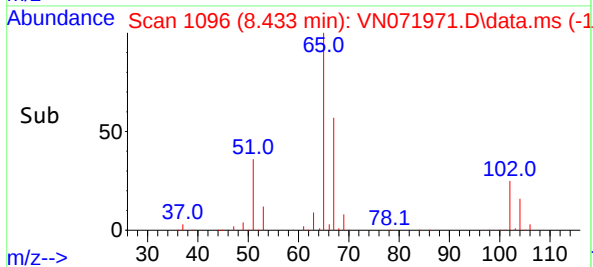
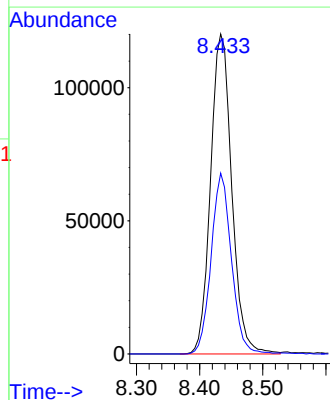
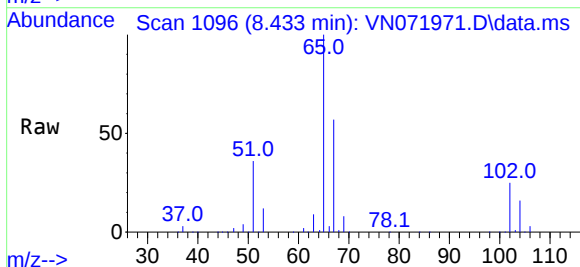
Acq: 13 Apr 2022 12:08

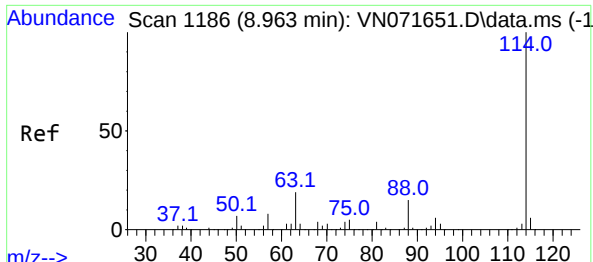
Tgt Ion: 65 Resp: 280242

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.8



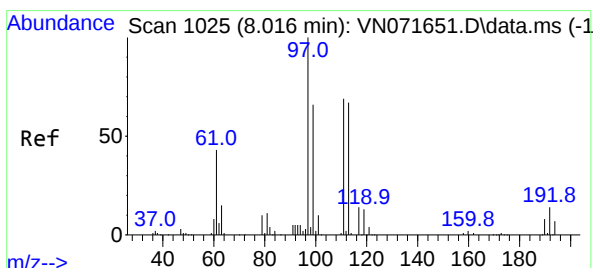
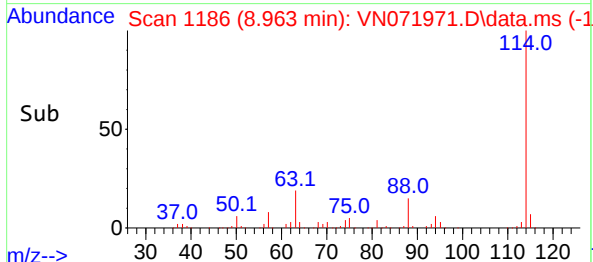
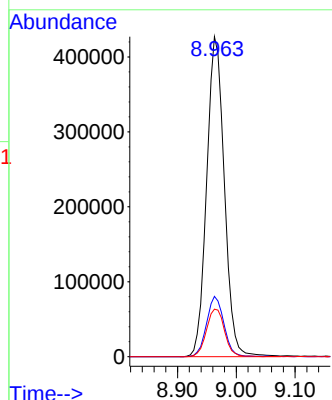
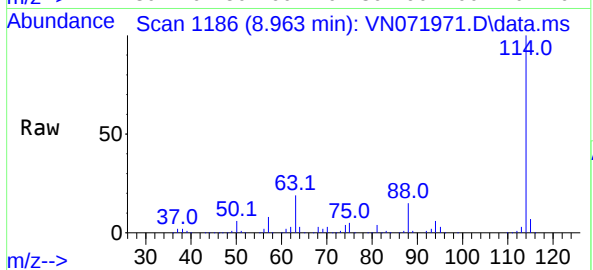


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071971.D
Acq: 13 Apr 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0413MBL01

Tgt Ion:114 Resp: 892515

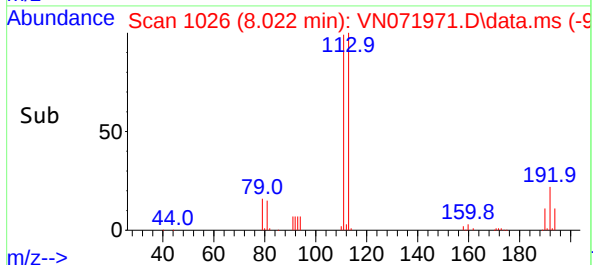
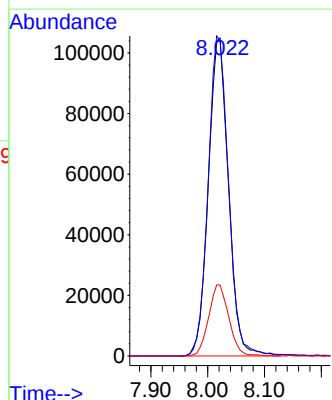
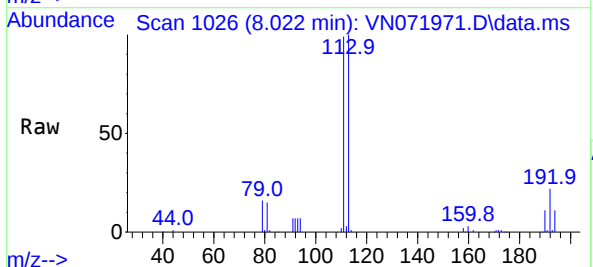
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.0
88	14.8	0.0	32.6

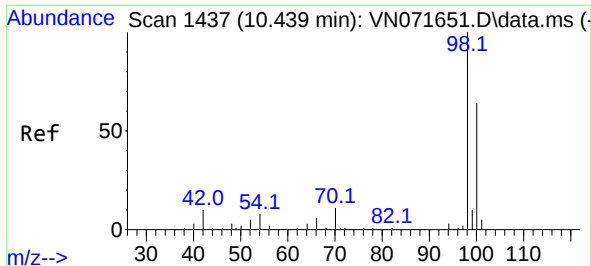


#35
Dibromofluoromethane
Concen: 49.063 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071971.D
Acq: 13 Apr 2022 12:08

Tgt Ion:113 Resp: 257674

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	22.4	17.0	25.6

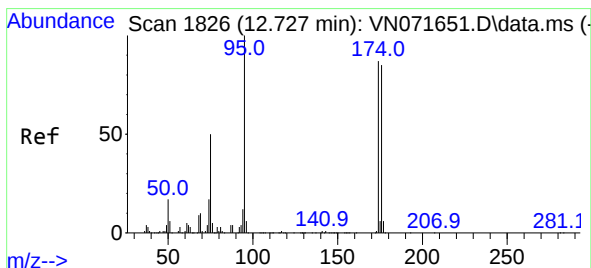
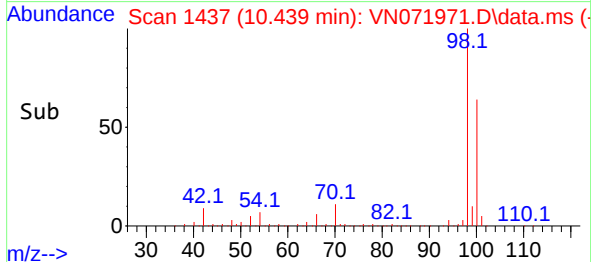
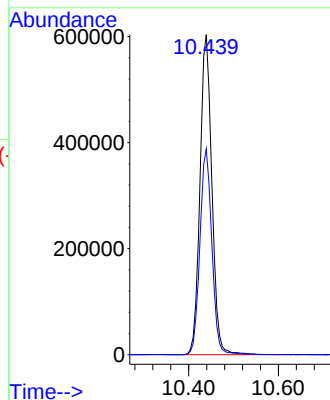
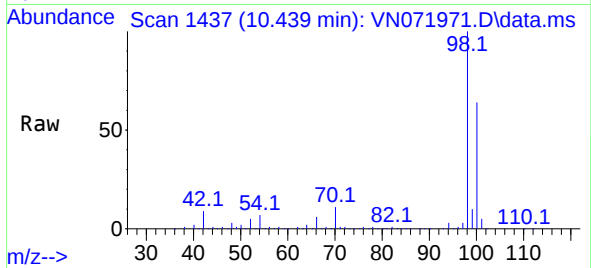




#50
Toluene-d8
Concen: 51.575 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071971.D
Acq: 13 Apr 2022 12:08

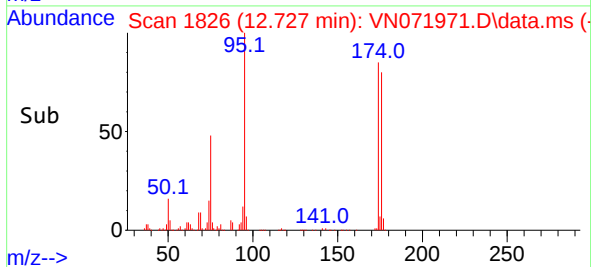
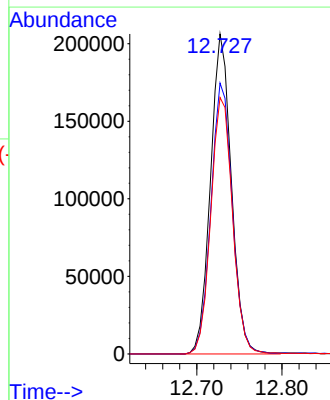
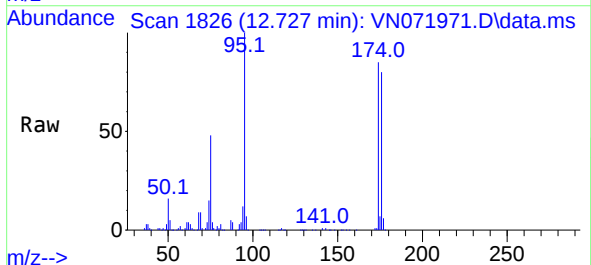
Instrument :
MSVOA_N
ClientSampleId :
VN0413MBL01

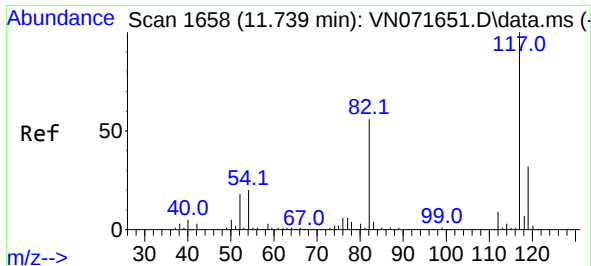
Tgt Ion: 98 Resp: 1108059
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.487 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071971.D
Acq: 13 Apr 2022 12:08

Tgt Ion: 95 Resp: 350803
Ion Ratio Lower Upper
95 100
174 86.9 0.0 167.6
176 83.4 0.0 163.4

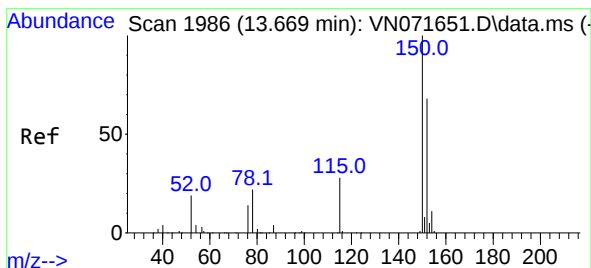
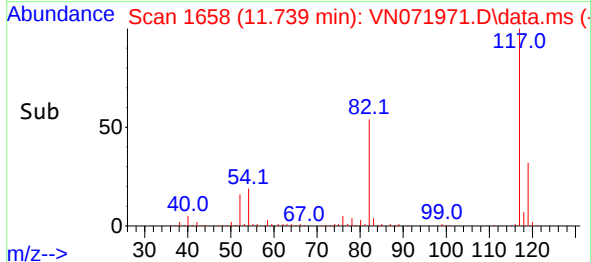
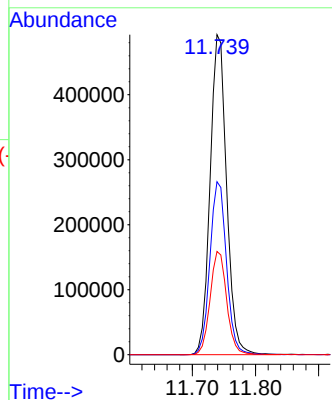
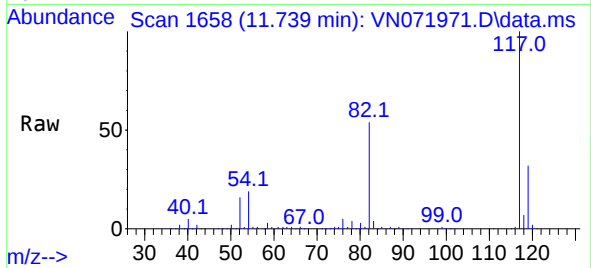




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071971.D
Acq: 13 Apr 2022 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0413MBL01

Tgt Ion:117 Resp: 892926
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071971.D
Acq: 13 Apr 2022 12:08

Tgt Ion:152 Resp: 302023
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 155.2 0.0 356.2

