

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072485.D
 Acq On : 13 May 2022 18:26
 Operator : JC\MD
 Sample : N2800-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-1

Quant Time: May 14 02:37:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

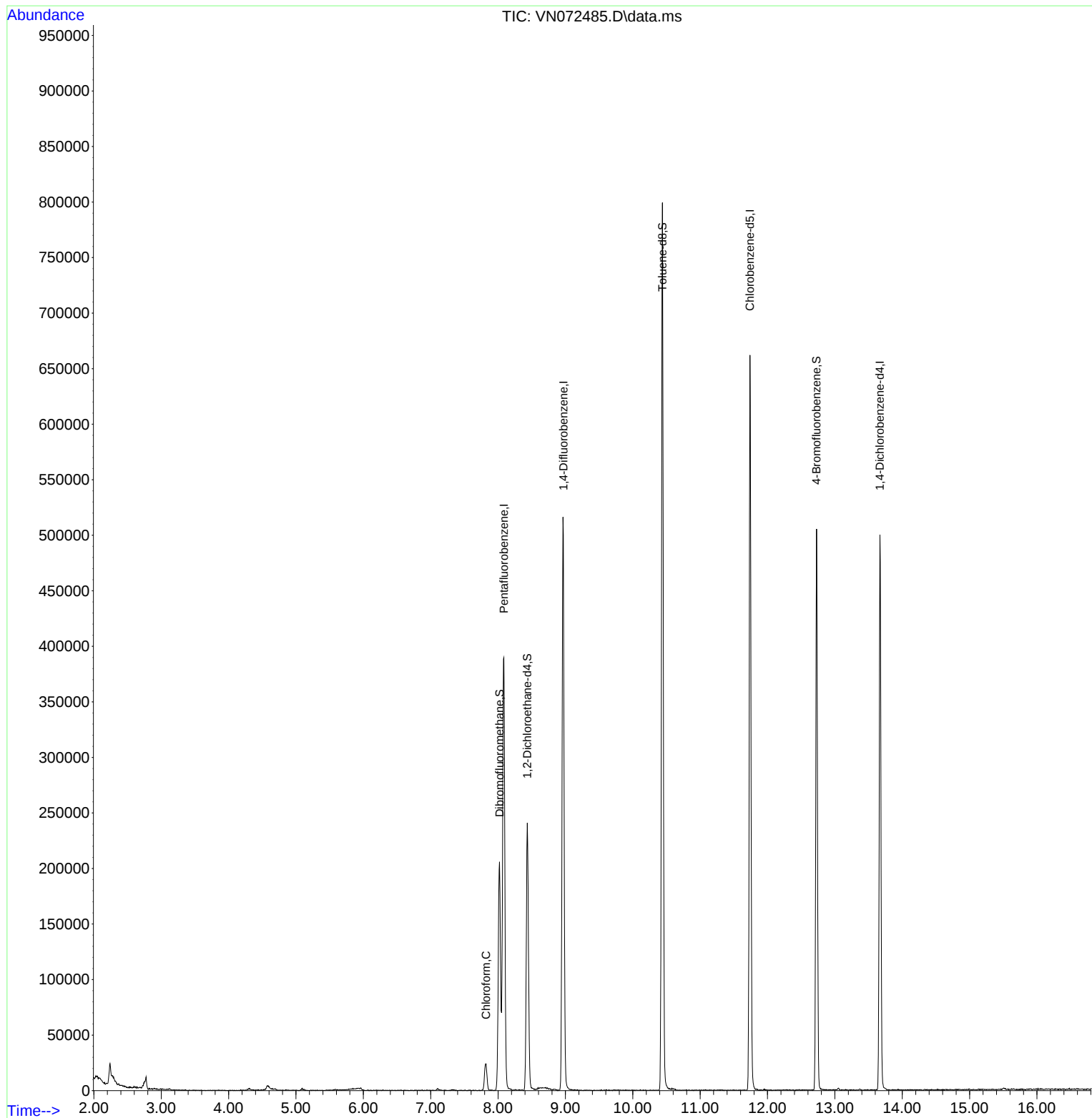
Internal Standards						
1) Pentafluorobenzene	8.086	168	288945	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	432208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	372103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	134419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	215676	48.733	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.460%
35) Dibromofluoromethane	8.022	113	148251	51.557	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.120%
50) Toluene-d8	10.439	98	537992	49.126	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.727	95	167893	46.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.320%
Target Compounds						
					Qvalue	
30) Chloroform	7.822	83	24971	3.954	ug/l	88

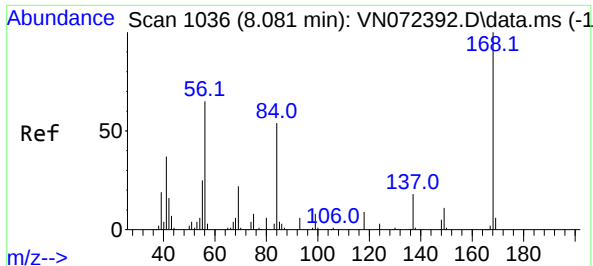
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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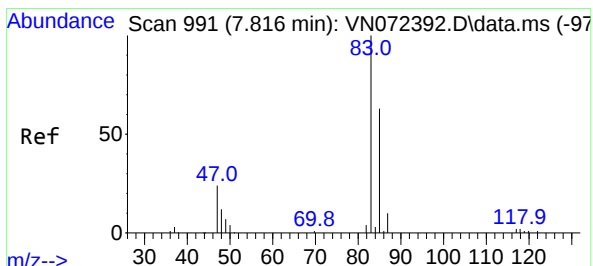
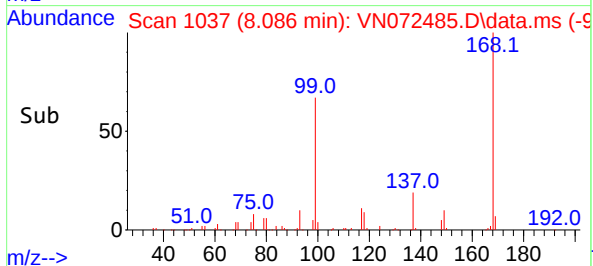
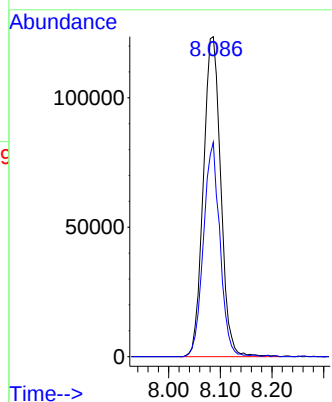
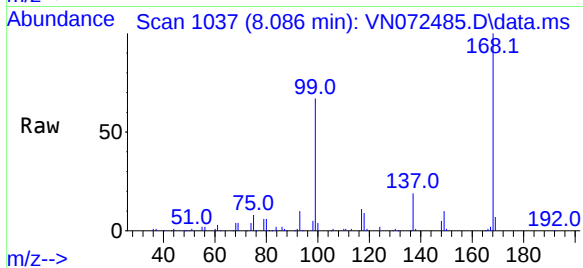




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072485.D
Acq: 13 May 2022 18:26

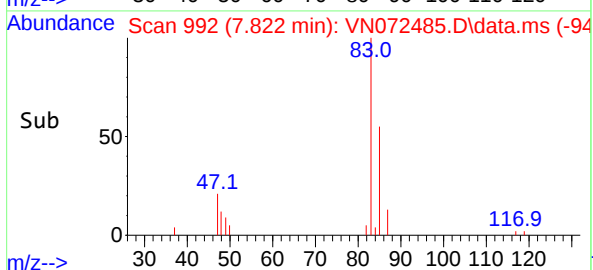
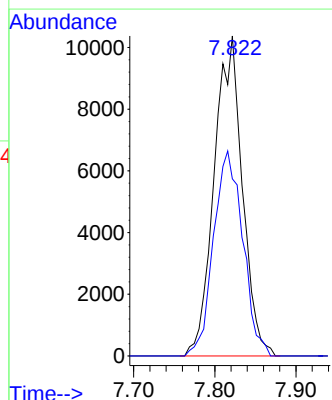
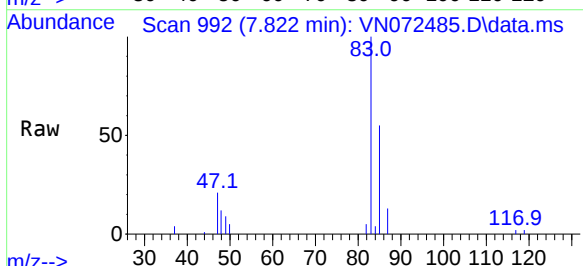
Instrument :
MSVOA_N
ClientSampleId :
PZ-1

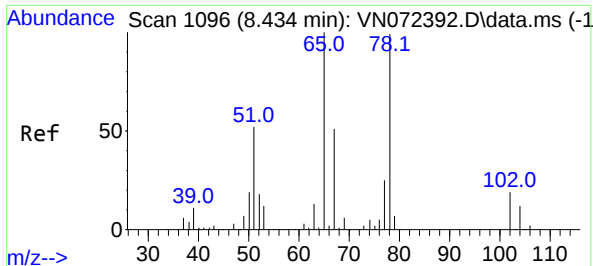
Tgt Ion:168 Resp: 288945
Ion Ratio Lower Upper
168 100
99 67.0 42.3 63.5#



#30
Chloroform
Concen: 3.954 ug/l
RT: 7.822 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN072485.D
Acq: 13 May 2022 18:26

Tgt Ion: 83 Resp: 24971
Ion Ratio Lower Upper
83 100
85 55.4 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 48.733 ug/l

RT: 8.433 min Scan# 110

Delta R.T. -0.001 min

Lab File: VN072485.D

Acq: 13 May 2022 18:26

Instrument :

MSVOA_N

ClientSampleId :

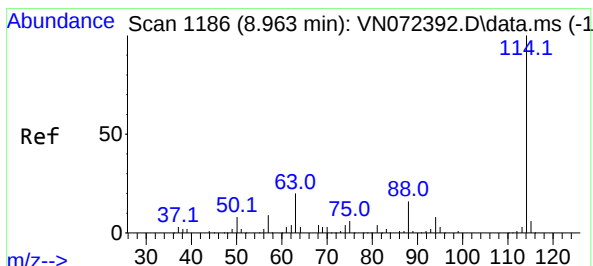
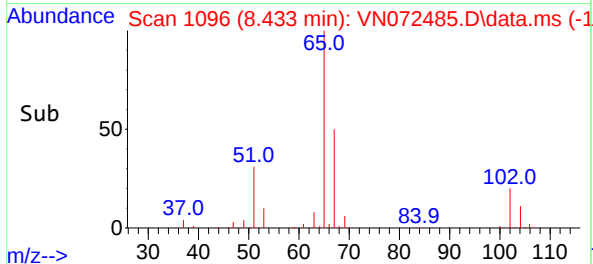
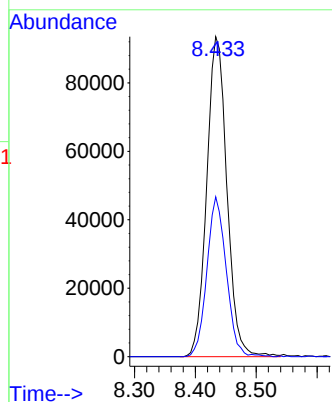
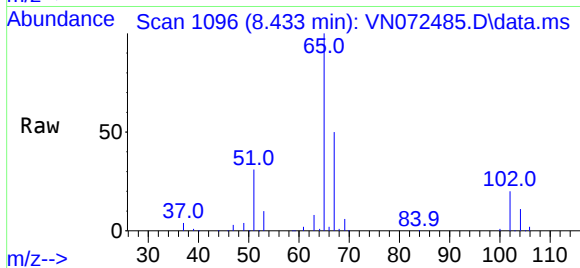
PZ-1

Tgt Ion: 65 Resp: 215676

Ion Ratio Lower Upper

65 100

67 47.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072485.D

Acq: 13 May 2022 18:26

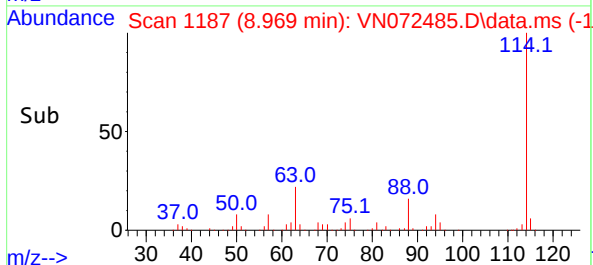
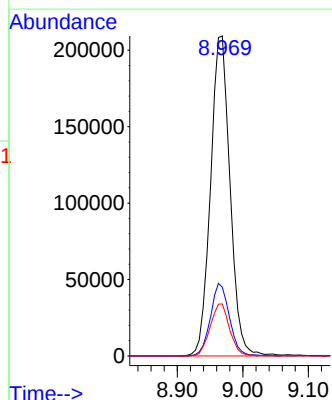
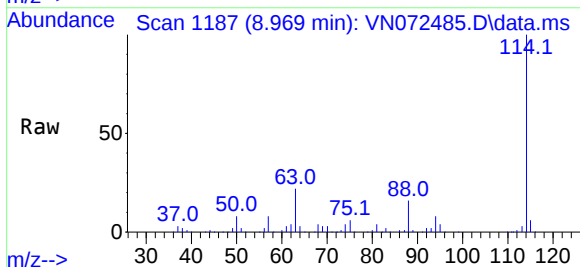
Tgt Ion: 114 Resp: 432208

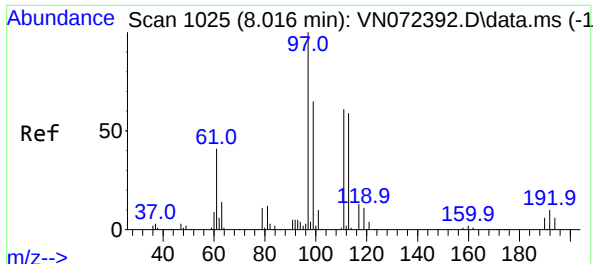
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

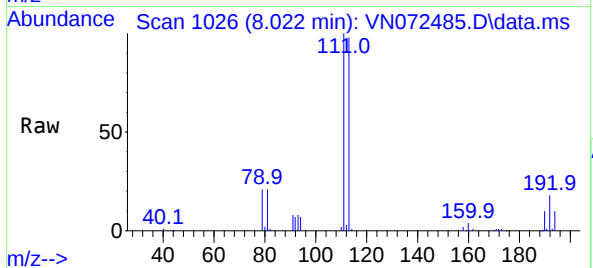
88 16.2 0.0 32.6



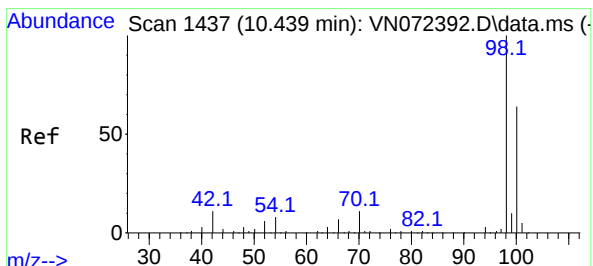
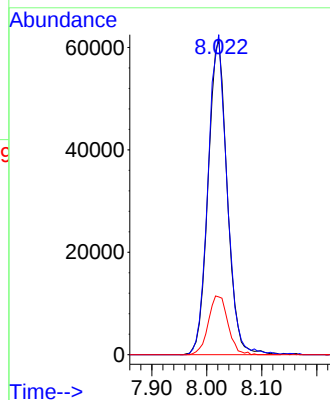
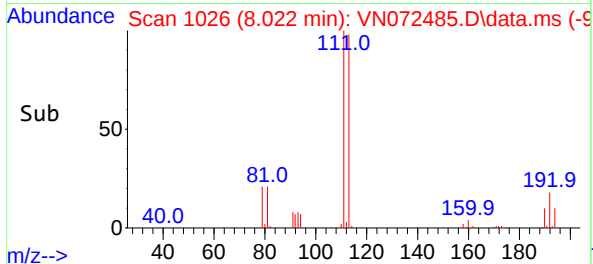


#35
Dibromofluoromethane
Concen: 51.557 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072485.D
Acq: 13 May 2022 18:26

Instrument :
MSVOA_N
ClientSampleId :
PZ-1

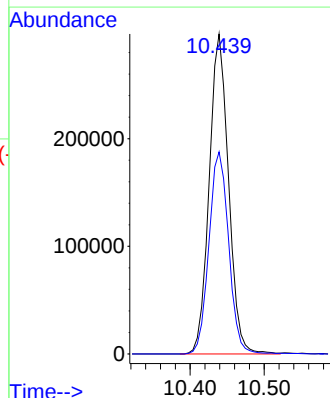
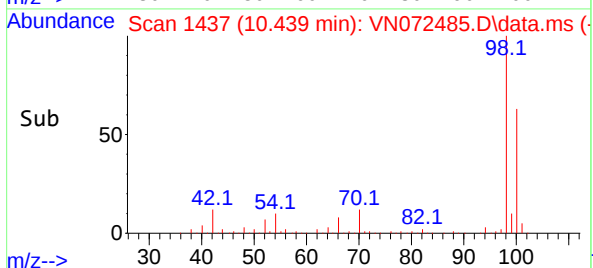
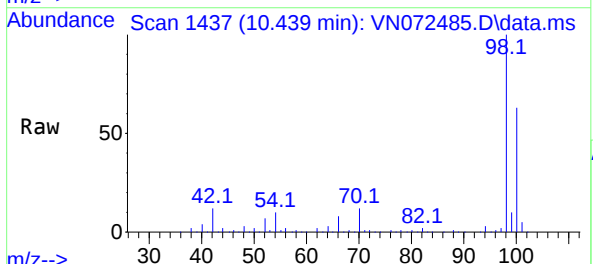


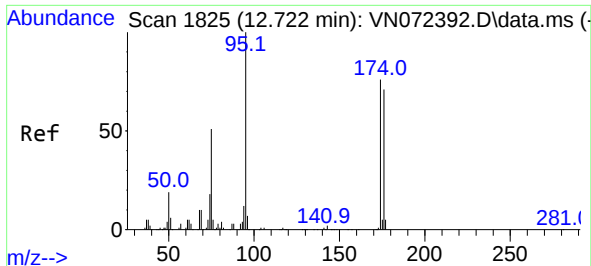
Tgt Ion:113 Resp: 148251
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 19.2 17.0 25.6



#50
Toluene-d8
Concen: 49.126 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072485.D
Acq: 13 May 2022 18:26

Tgt Ion: 98 Resp: 537992
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

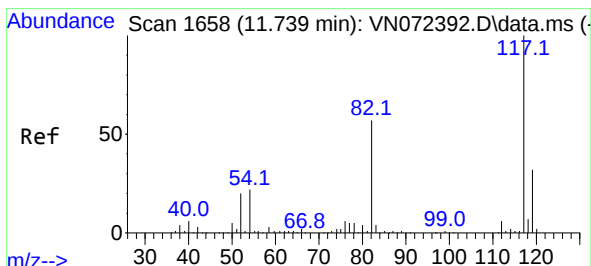
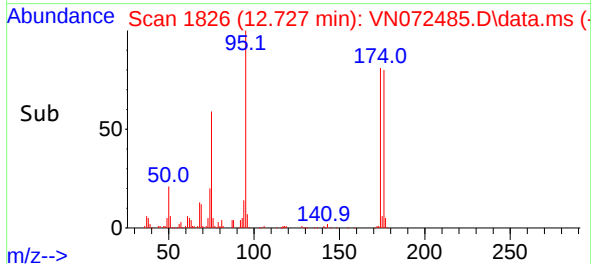
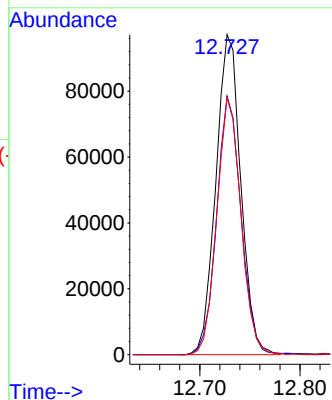
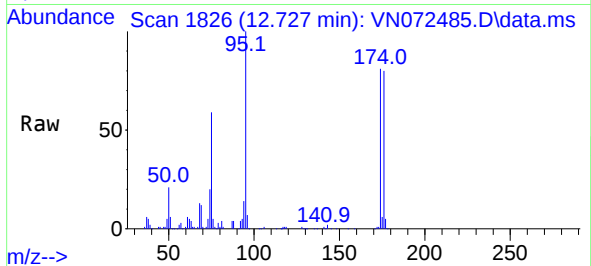




#62
4-Bromofluorobenzene
Concen: 46.163 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072485.D
Acq: 13 May 2022 18:26

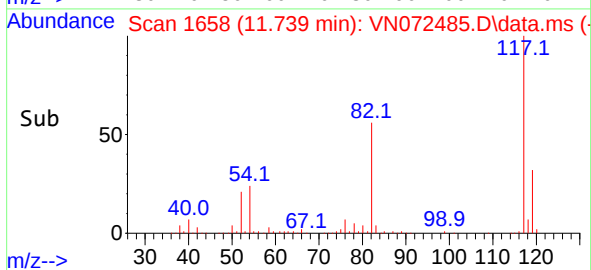
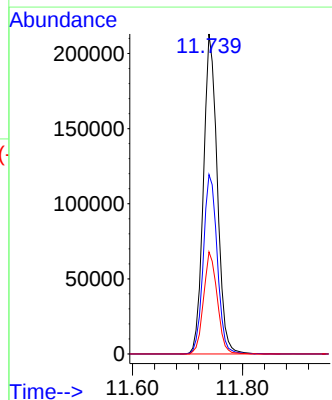
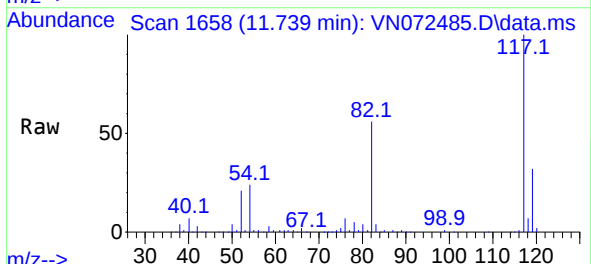
Instrument :
MSVOA_N
ClientSampleId :
PZ-1

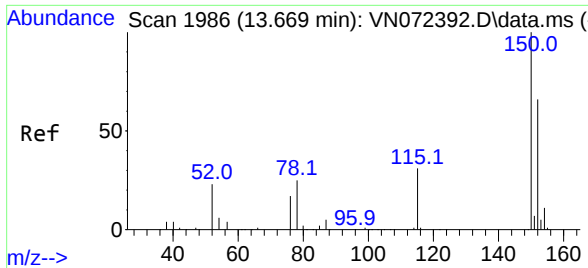
Tgt Ion: 95 Resp: 167893
Ion Ratio Lower Upper
95 100
174 79.1 0.0 167.6
176 77.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072485.D
Acq: 13 May 2022 18:26

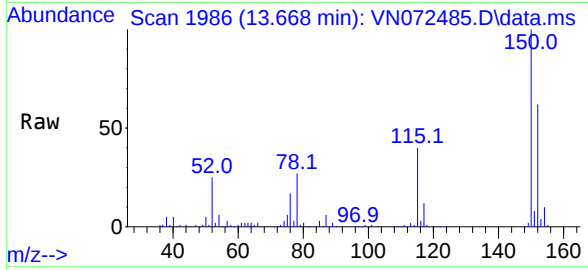
Tgt Ion: 117 Resp: 372103
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072485.D
 Acq: 13 May 2022 18:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-1



Tgt Ion:152 Resp: 134419

Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.9	86.7
150	160.1	0.0	356.2

