

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085454.D
 Acq On : 15 Jan 2025 12:14
 Operator : JC\MD
 Sample : Q1062-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190A-EB-20250107

Quant Time: Jan 16 00:56:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

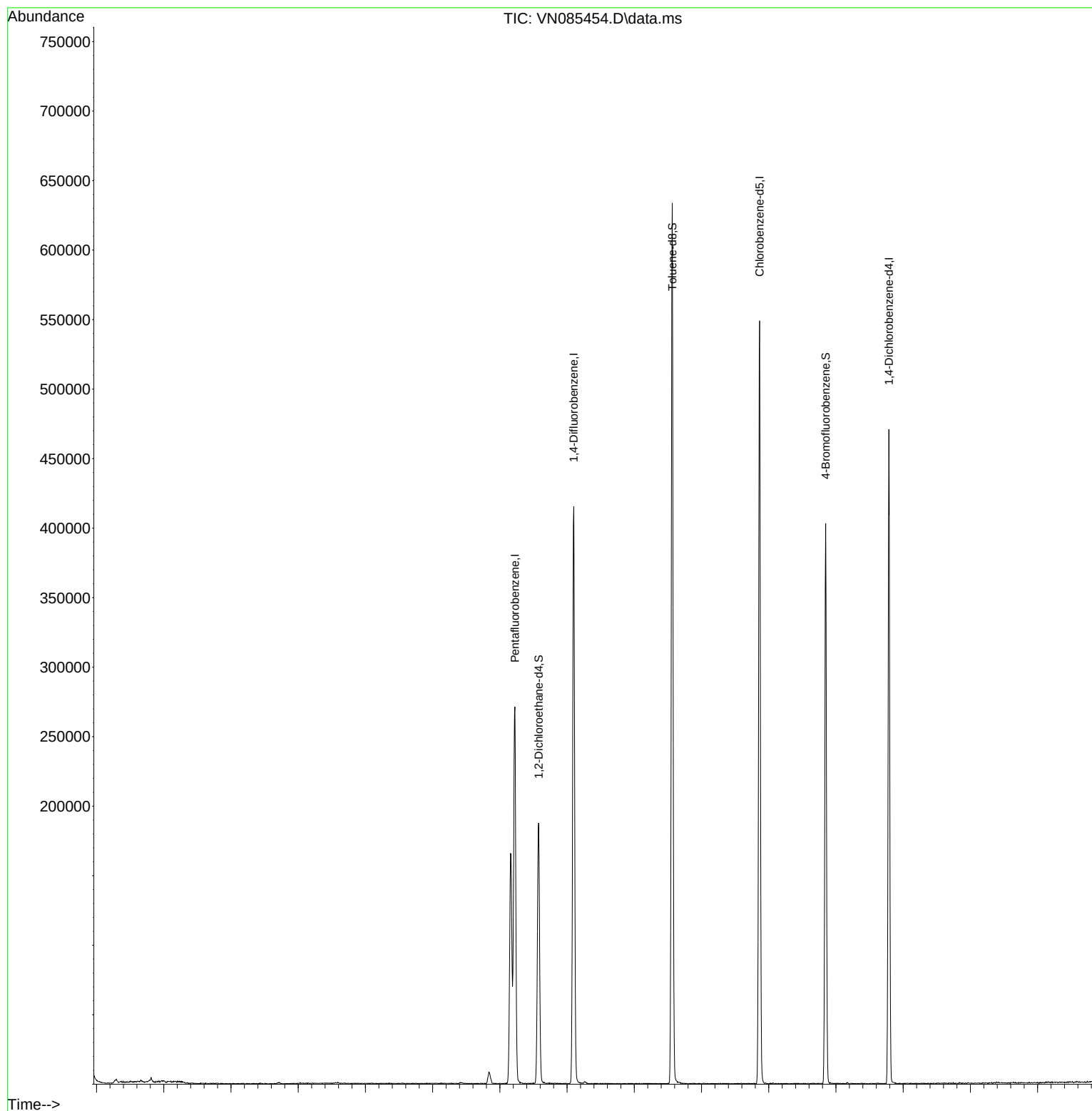
Internal Standards						
1) Pentafluorobenzene	8.224	168	185335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160466	53.637	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.280%		
35) Dibromofluoromethane	8.159	113	118687	50.750	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.500%		
50) Toluene-d8	10.565	98	415115	49.958	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.920%		
62) 4-Bromofluorobenzene	12.847	95	132424	46.589	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.180%		
Target Compounds						
29) Tetrahydrofuran	7.835	42	5881	6.521	ug/l	Qvalue 97

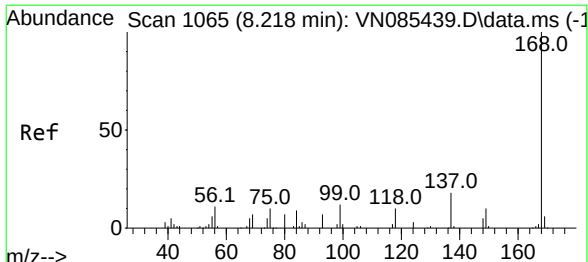
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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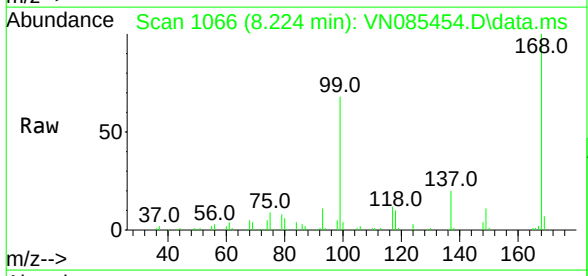
Quant Time: Jan 16 00:56:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
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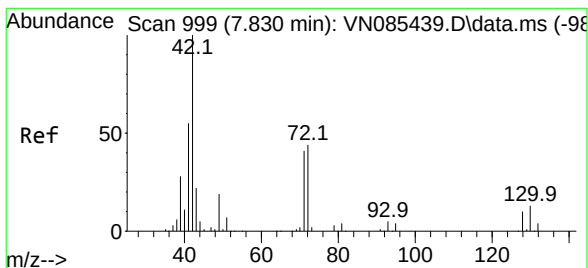
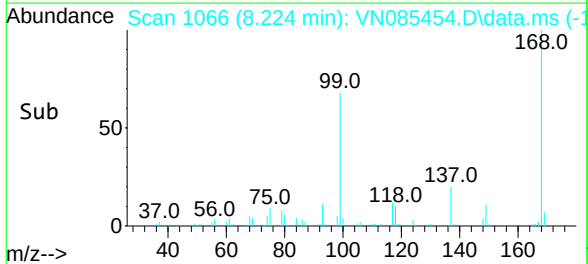
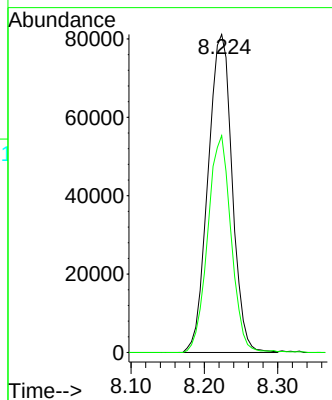


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085454.D
 Acq: 15 Jan 2025 12:14

Instrument : MSVOA_N
 ClientSampleId : BP-VPB-190A-EB-20250107

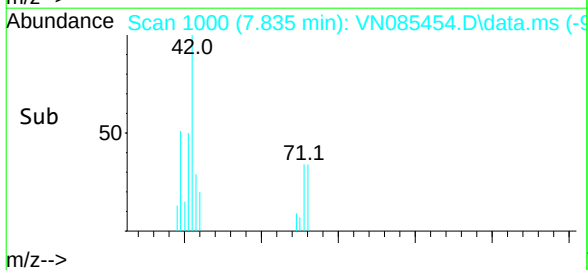
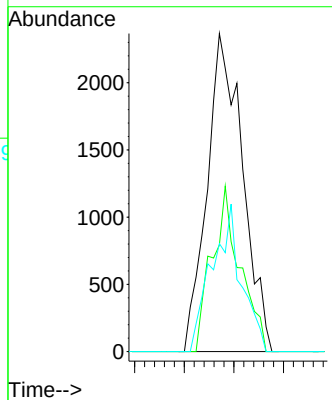
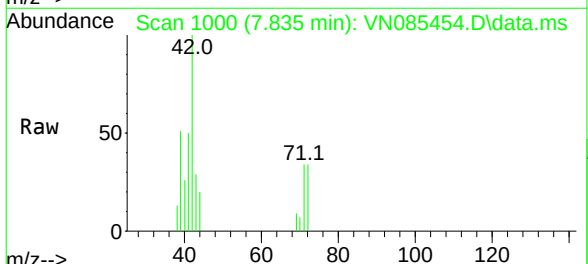


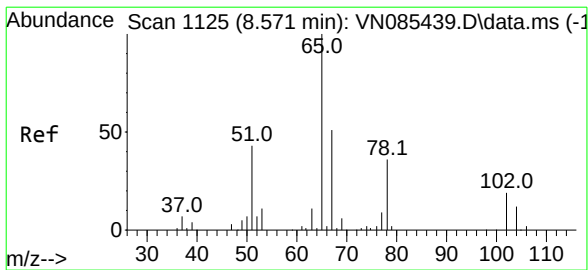
Tgt Ion: 168 Resp: 185335
 Ion Ratio Lower Upper
 168 100
 99 68.2 53.6 80.4



#29
 Tetrahydrofuran
 Concen: 6.521 ug/l
 RT: 7.835 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VN085454.D
 Acq: 15 Jan 2025 12:14

Tgt Ion: 42 Resp: 5881
 Ion Ratio Lower Upper
 42 100
 72 41.1 34.2 51.2
 71 38.2 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 53.637 ug/l

RT: 8.577 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085454.D

Acq: 15 Jan 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

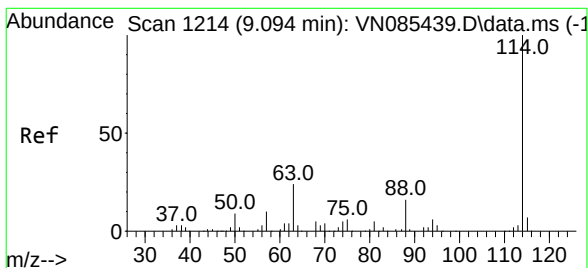
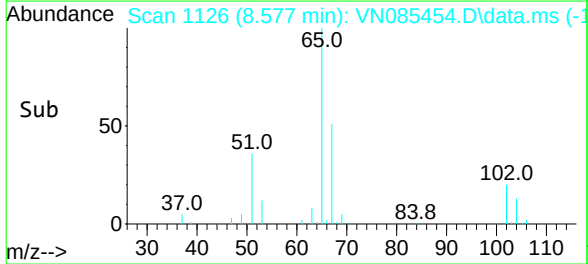
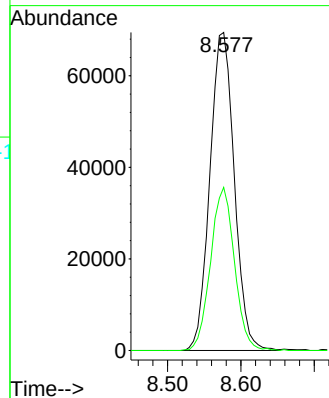
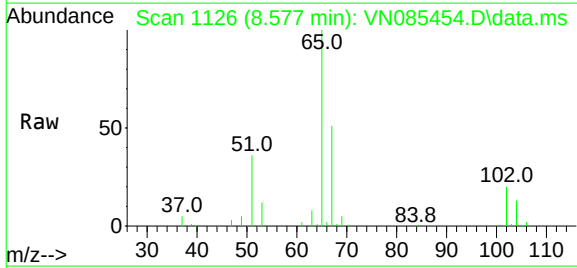
BP-VPB-190A-EB-20250107

Tgt Ion: 65 Resp: 160466

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085454.D

Acq: 15 Jan 2025 12:14

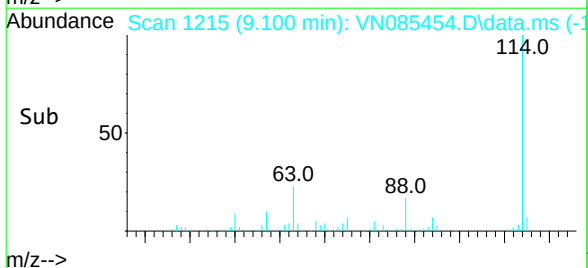
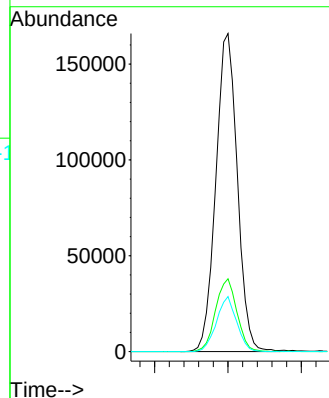
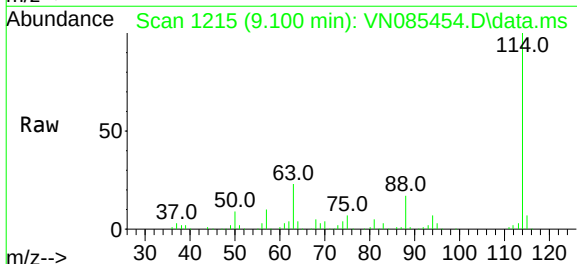
Tgt Ion: 114 Resp: 337105

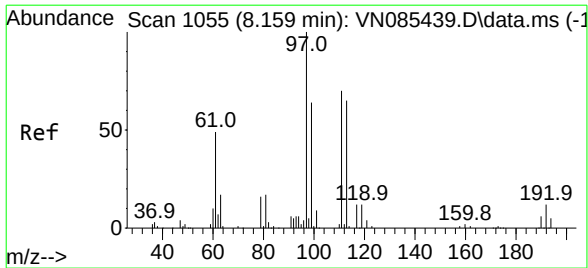
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

88 17.3 0.0 32.6

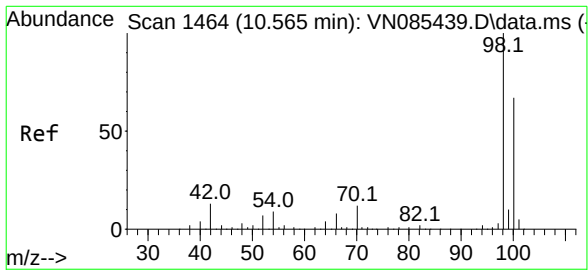
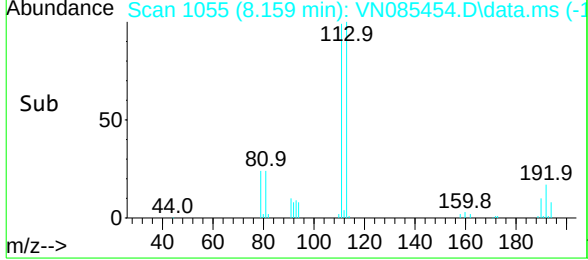
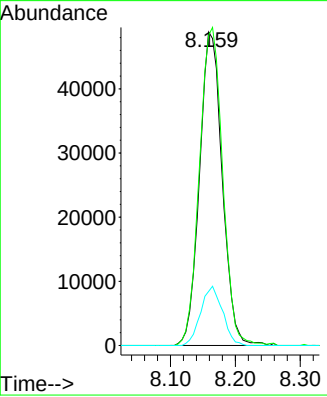
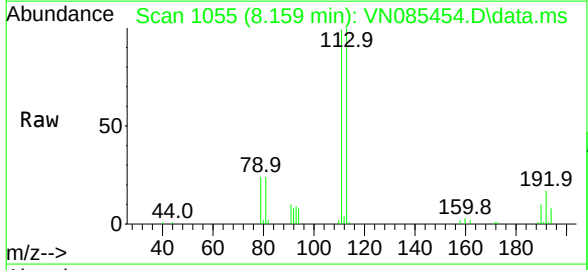




#35
 Dibromofluoromethane
 Concen: 50.750 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085454.D
 Acq: 15 Jan 2025 12:14

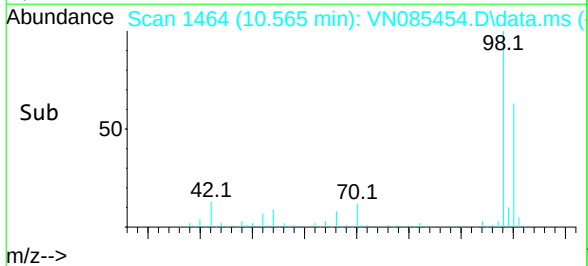
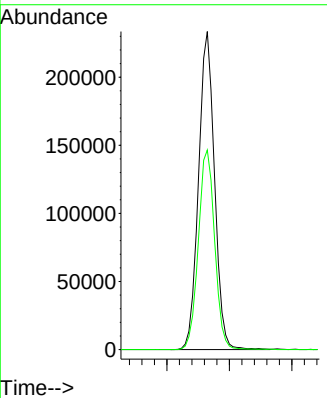
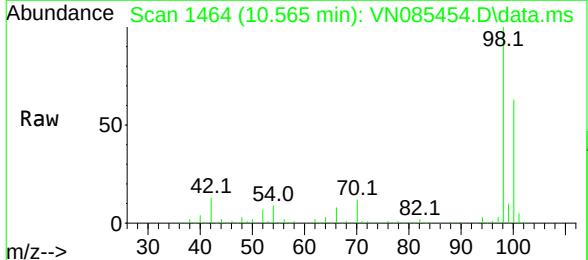
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-190A-EB-20250107

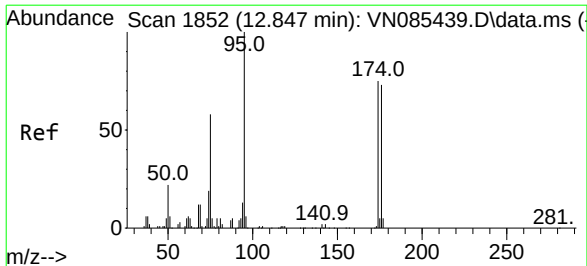
Tgt Ion:	113	Resp:	118687
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.7	124.1
192	18.2	14.3	21.5



#50
 Toluene-d8
 Concen: 49.958 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN085454.D
 Acq: 15 Jan 2025 12:14

Tgt Ion:	98	Resp:	415115
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.4





#62

4-Bromofluorobenzene

Concen: 46.589 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085454.D

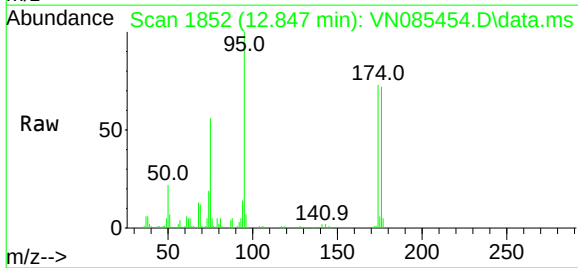
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Instrument :

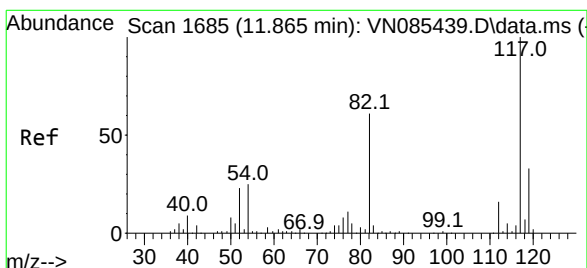
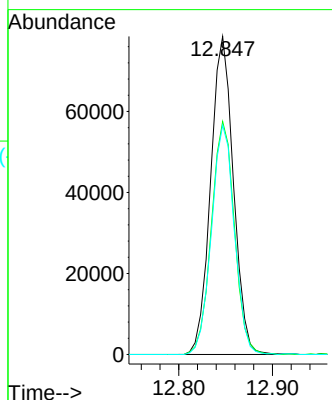
MSVOA_N

ClientSampleId :

BP-VPB-190A-EB-20250107



Tgt Ion:	95	Resp:	132424
Ion Ratio	Lower	Upper	
95	100		
174	74.1	0.0	145.0
176	72.4	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

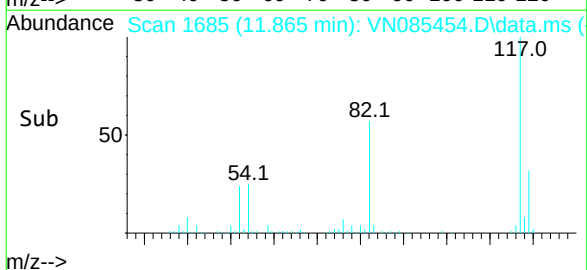
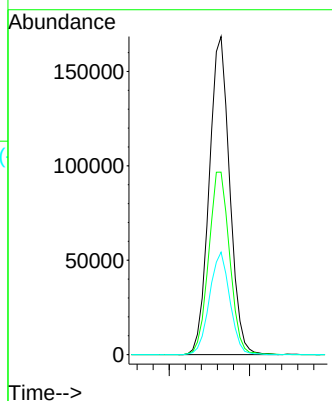
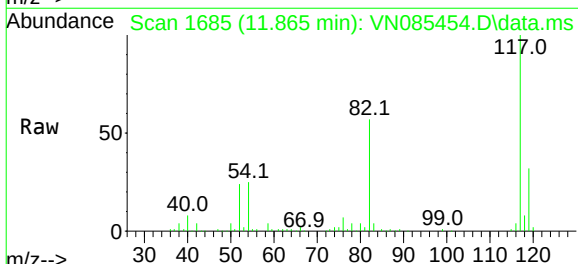
RT: 11.865 min Scan# 1685

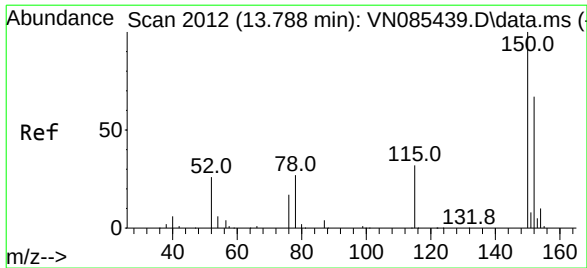
Delta R.T. -0.000 min

Lab File: VN085454.D

Acq: 15 Jan 2025 12:14

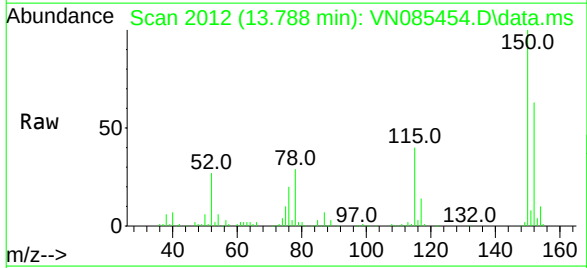
Tgt Ion:	117	Resp:	298295
Ion Ratio	Lower	Upper	
117	100		
82	57.4	48.6	72.8
119	32.2	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085454.D
 Acq: 15 Jan 2025 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190A-EB-20250107



Tgt Ion:152 Resp: 117680
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.1 93.3
 150 157.4 0.0 343.6

