

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085608.D
 Acq On : 31 Jan 2025 17:40
 Operator : JC\MD
 Sample : PB166357ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#13

Quant Time: Jan 31 22:32:30 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)

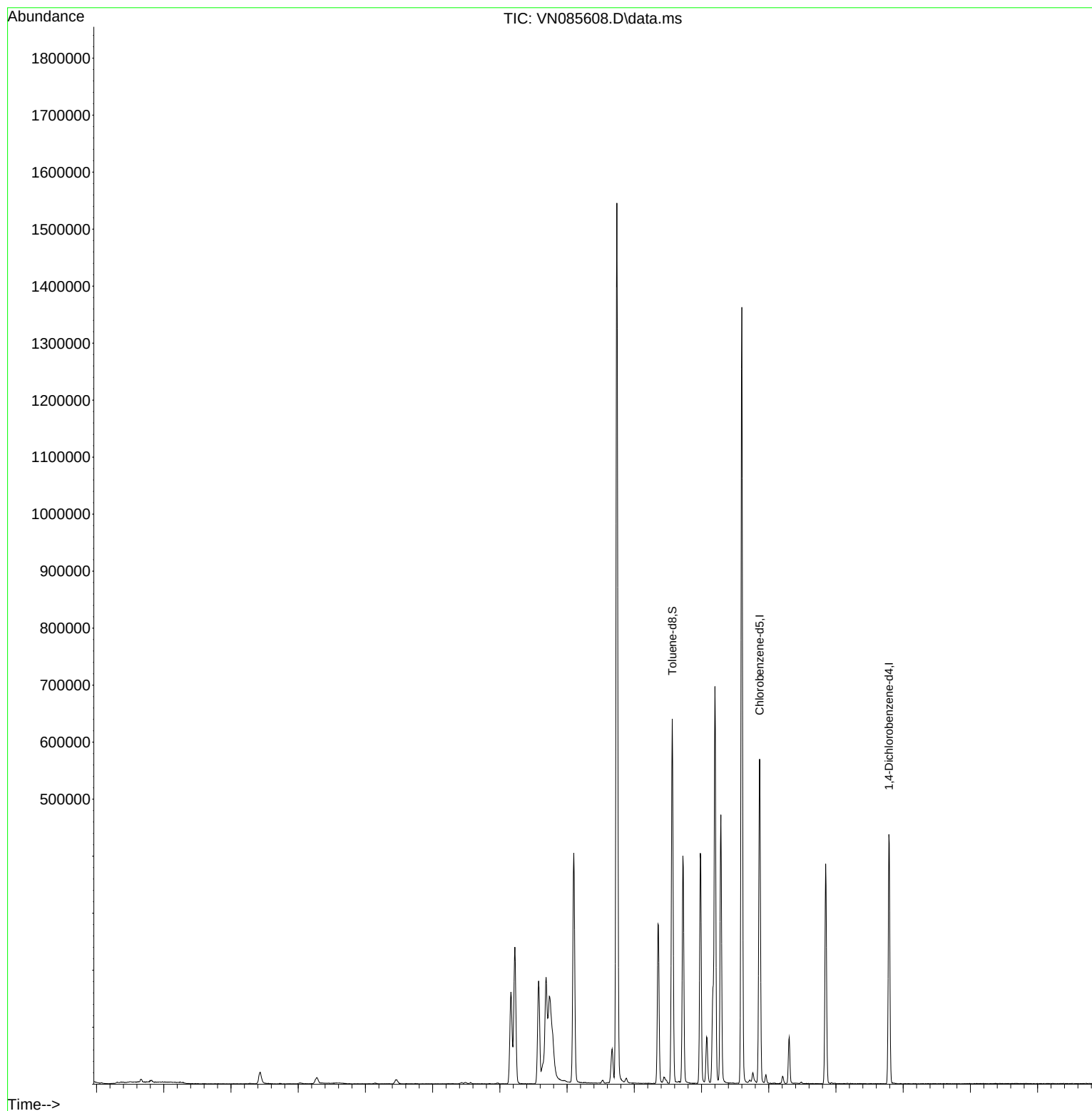
Internal Standards						
1) Pentafluorobenzene	8.224	168	156761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152211	60.152	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 120.300%		
35) Dibromofluoromethane	8.165	113	112986	50.663	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.320%		
50) Toluene-d8	10.565	98	416004	52.501	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.000%		
62) 4-Bromofluorobenzene	12.847	95	125869	46.438	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.880%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	39464	48.268	ug/l	96
20) Methylene Chloride	5.283	84	8169	4.036	ug/l #	86
43) Isopropyl Acetate	8.688	43	243799	48.160	ug/l #	78

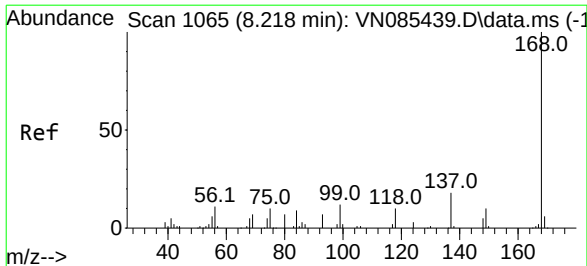
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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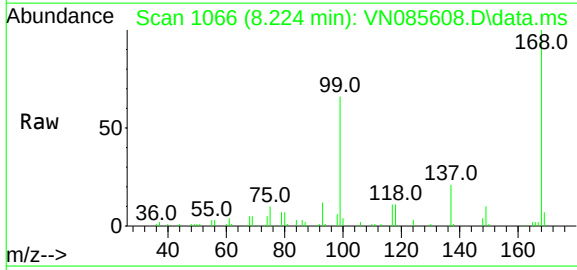
Quant Time: Jan 31 22:32:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
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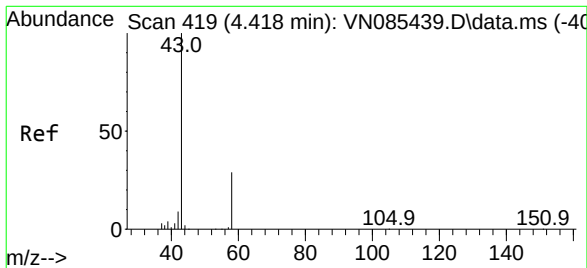
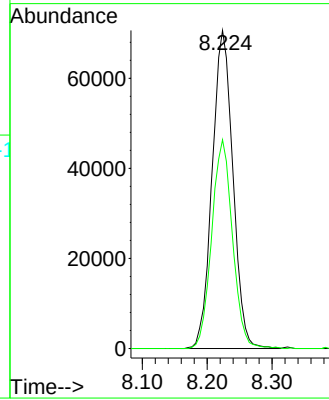
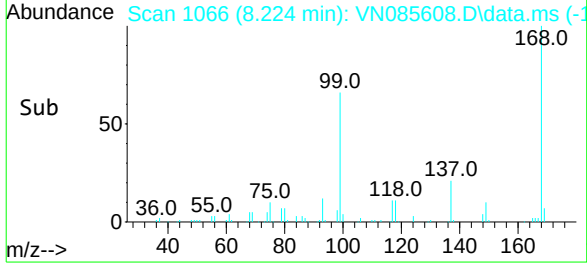


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

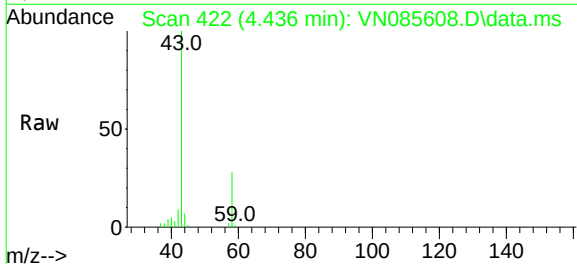
Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13



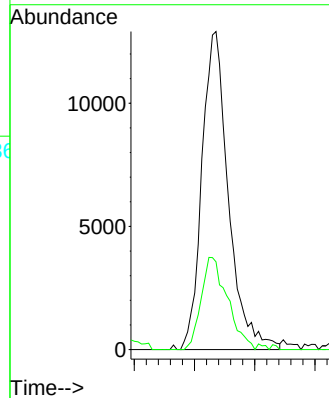
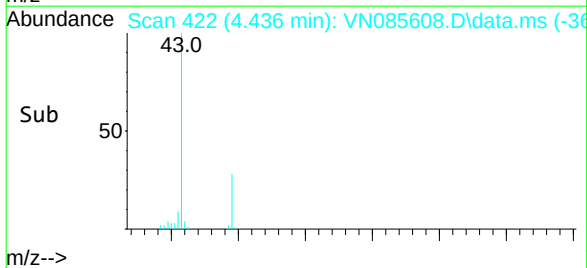
Tgt Ion:168 Resp: 156761
Ion Ratio Lower Upper
168 100
99 65.6 53.6 80.4

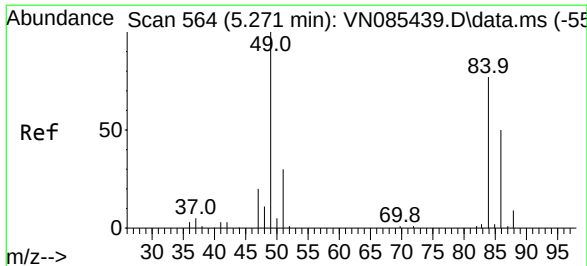


#16
Acetone
Concen: 48.268 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40



Tgt Ion: 43 Resp: 39464
Ion Ratio Lower Upper
43 100
58 27.6 23.8 35.6





#20

Methylene Chloride

Concen: 4.036 ug/l

RT: 5.283 min Scan# 56

Delta R.T. 0.012 min

Lab File: VN085608.D

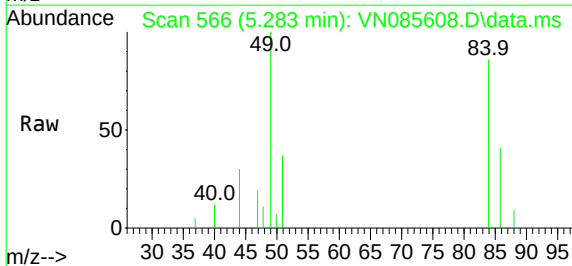
Acq: 31 Jan 2025 17:40

Instrument :

MSVOA_N

ClientSampleId :

PB166357ZHE#13



Tgt Ion: 84 Resp: 8169

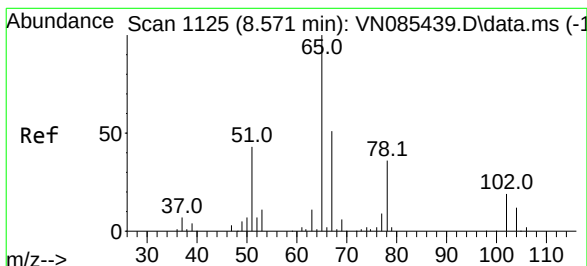
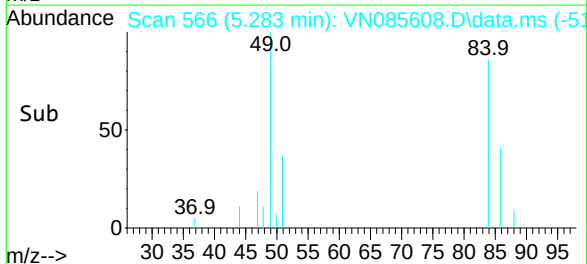
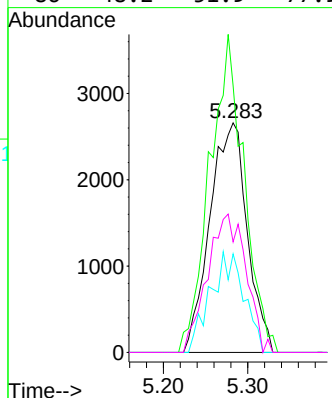
Ion Ratio Lower Upper

84 100

49 116.1 104.1 156.1

51 42.9 31.0 46.4

86 48.2 51.9 77.9#



#33

1,2-Dichloroethane-d4

Concen: 60.152 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085608.D

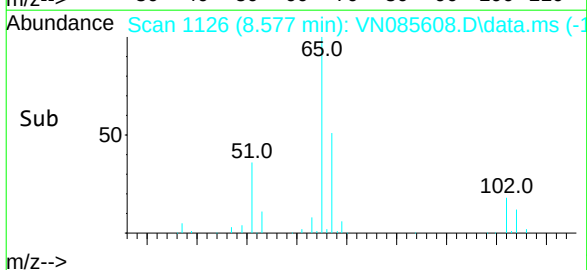
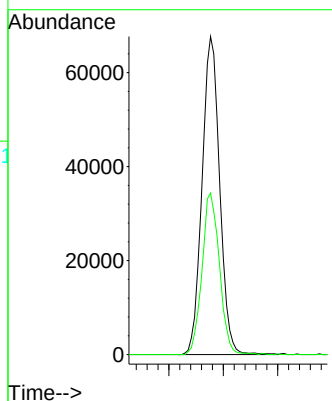
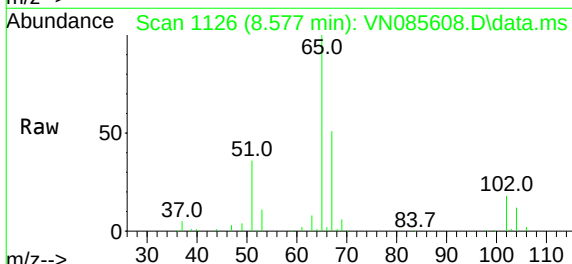
Acq: 31 Jan 2025 17:40

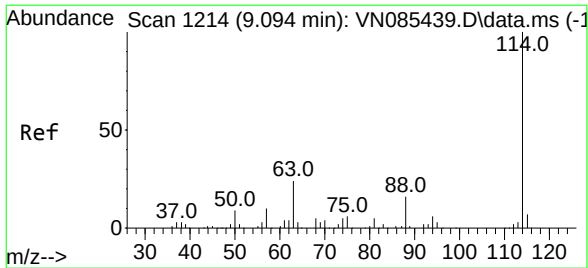
Tgt Ion: 65 Resp: 152211

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.6

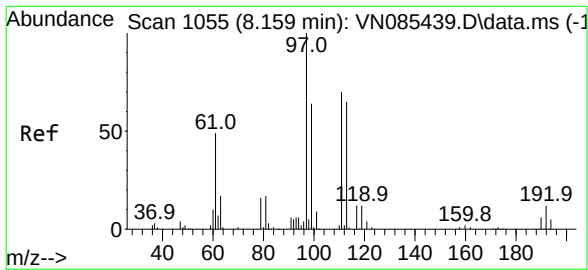
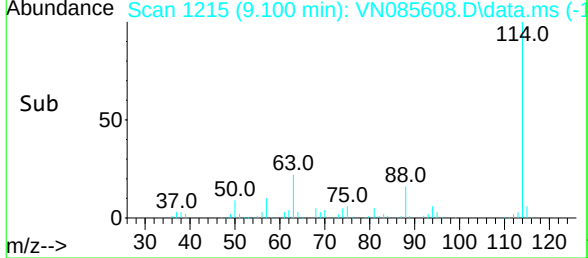
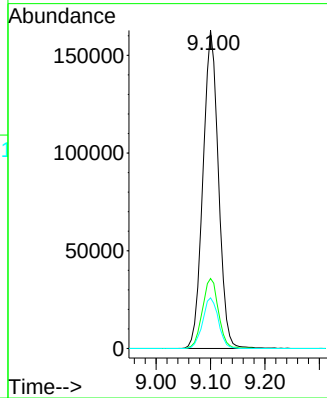
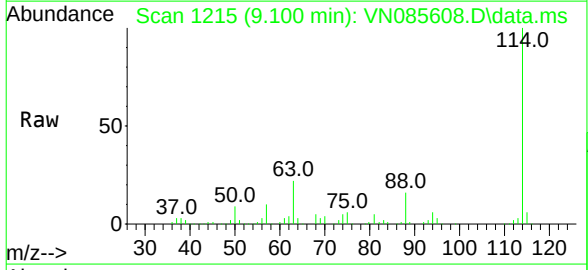




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

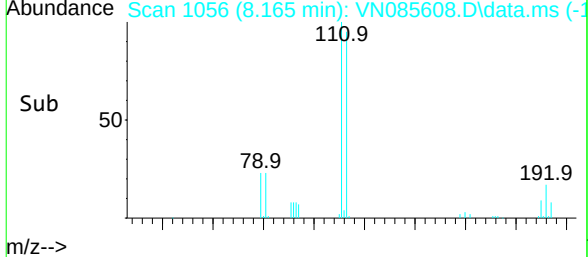
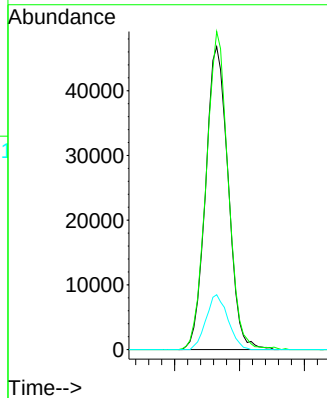
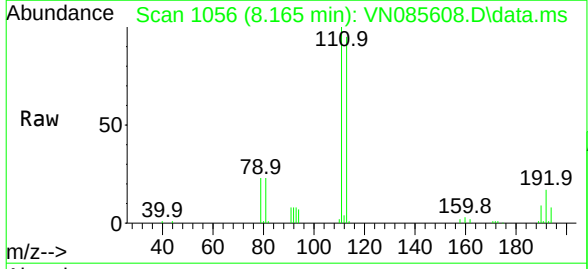
Instrument :
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PB166357ZHE#13

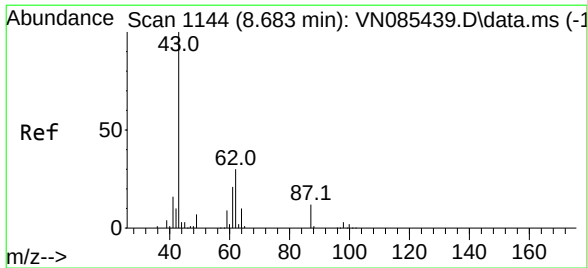
Tgt Ion:	114	Resp:	321461
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	47.6
88	15.9	0.0	32.6



#35
Dibromofluoromethane
Concen: 50.663 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion:	113	Resp:	112986
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	17.5	14.3	21.5

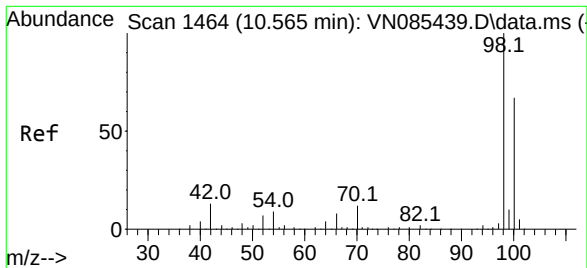
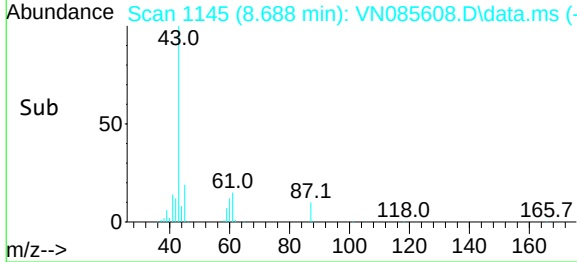
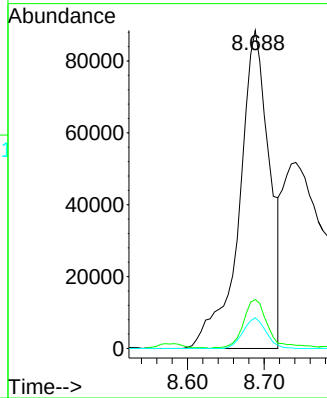
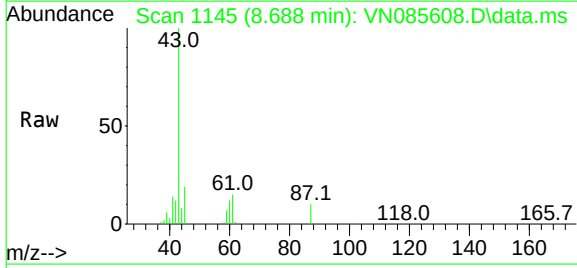




#43
Isopropyl Acetate
Concen: 48.160 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

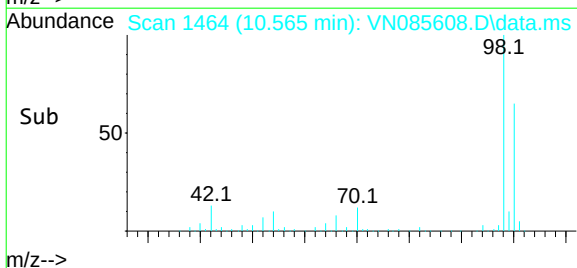
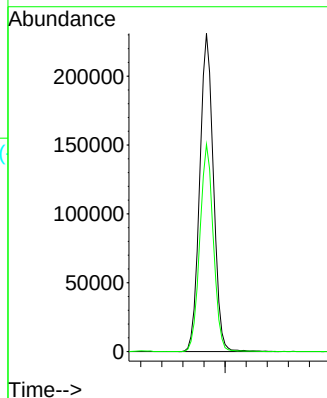
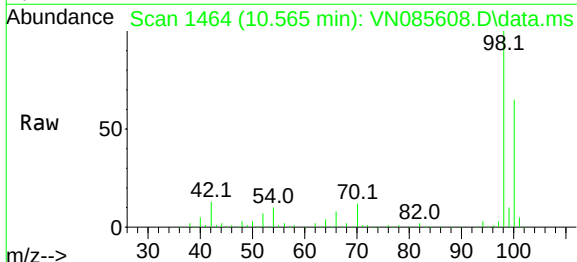
Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

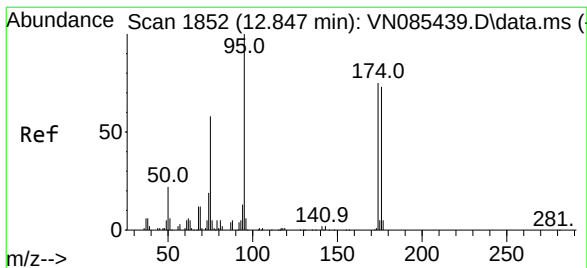
Tgt Ion: 43 Resp: 243799
Ion Ratio Lower Upper
43 100
61 12.7 20.7 31.1#
87 7.2 9.8 14.8#



#50
Toluene-d8
Concen: 52.501 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 98 Resp: 416004
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 46.438 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085608.D

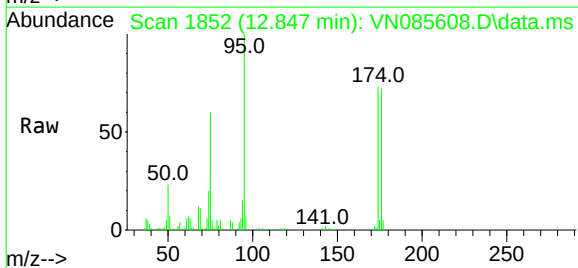
Acq: 31 Jan 2025 17:40

Instrument :

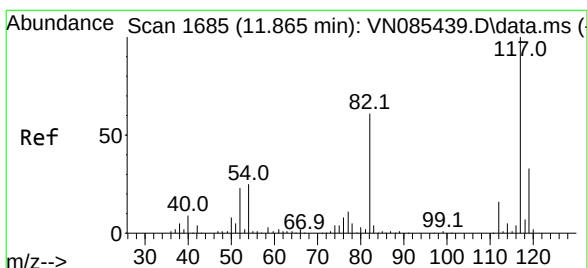
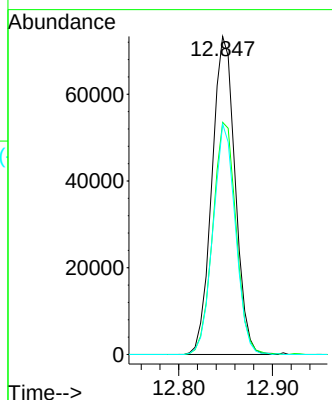
MSVOA_N

ClientSampleId :

PB166357ZHE#13



Tgt Ion:	95	Resp:	125869
Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	145.0
176	70.1	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

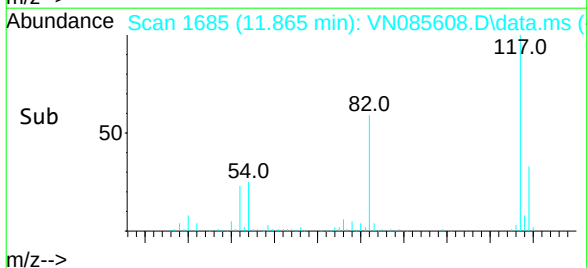
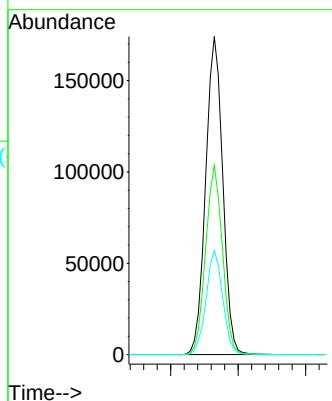
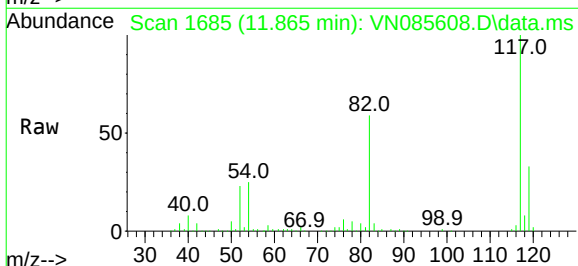
RT: 11.865 min Scan# 1685

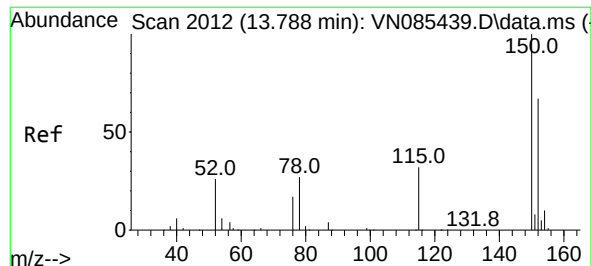
Delta R.T. -0.000 min

Lab File: VN085608.D

Acq: 31 Jan 2025 17:40

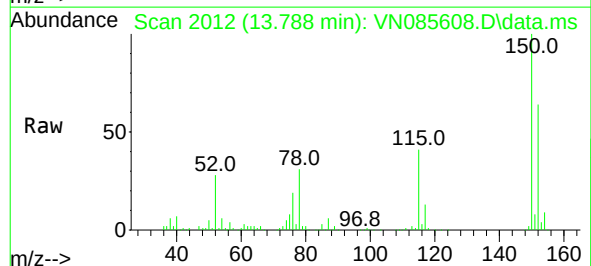
Tgt Ion:	117	Resp:	306392
Ion	Ratio	Lower	Upper
117	100		
82	59.4	48.6	72.8
119	32.7	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085608.D
 Acq: 31 Jan 2025 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#13



Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.1	93.3
150	159.9	0.0	343.6

