

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085604.D
 Acq On : 31 Jan 2025 16:04
 Operator : JC\MD
 Sample : PB166357ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#09

Quant Time: Jan 31 22:30:41 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)

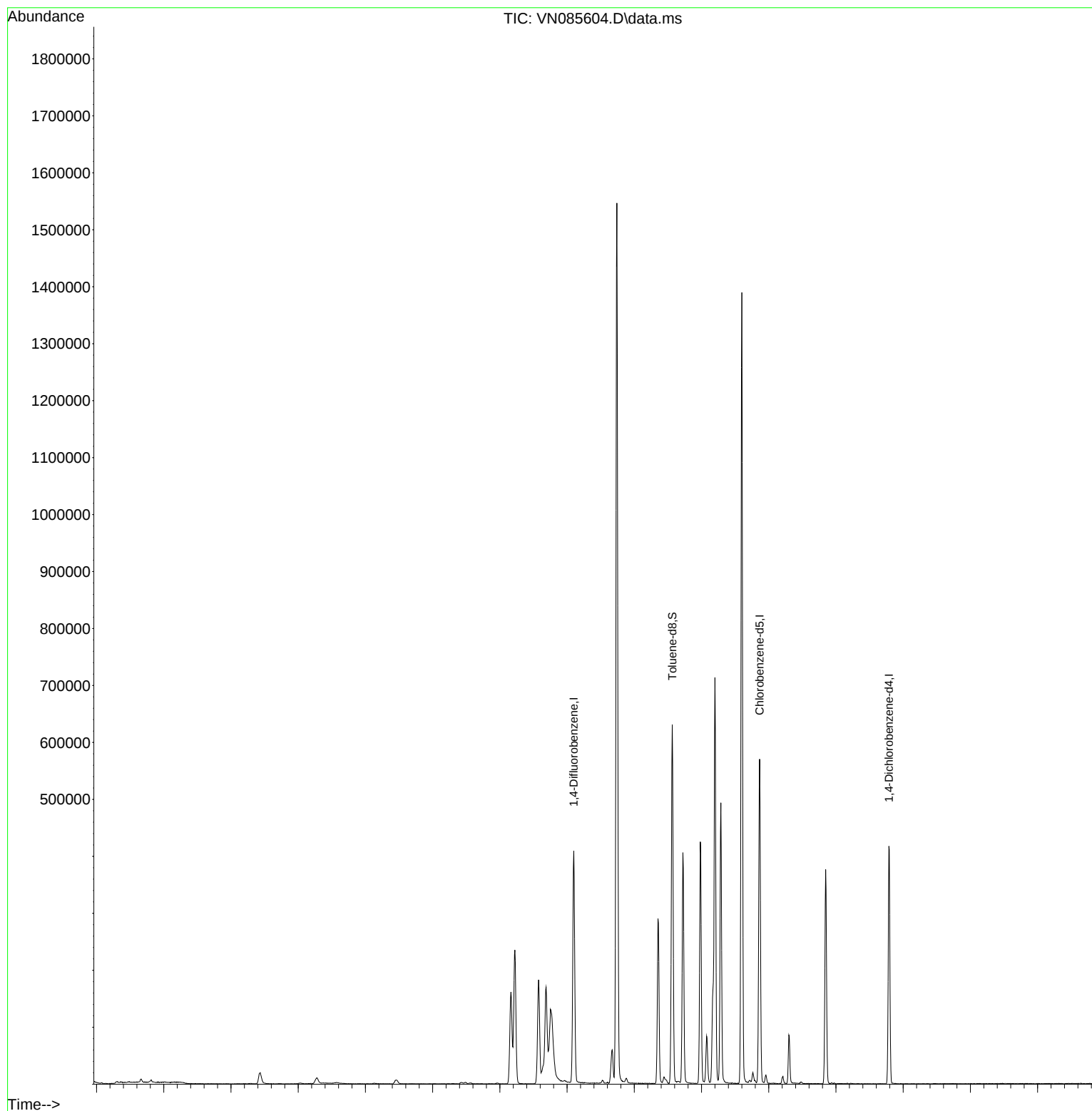
Internal Standards						
1) Pentafluorobenzene	8.224	168	155603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153253	61.014	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 122.020%		
35) Dibromofluoromethane	8.165	113	114296	50.045	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.100%		
50) Toluene-d8	10.565	98	417653	51.470	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.940%		
62) 4-Bromofluorobenzene	12.847	95	123948	44.654	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 89.300%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	38722	47.712	ug/l	99
20) Methylene Chloride	5.277	84	7192	3.580	ug/l	91
43) Isopropyl Acetate	8.688	43	215468	41.563	ug/l #	80

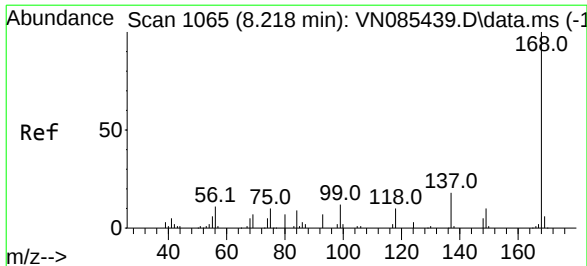
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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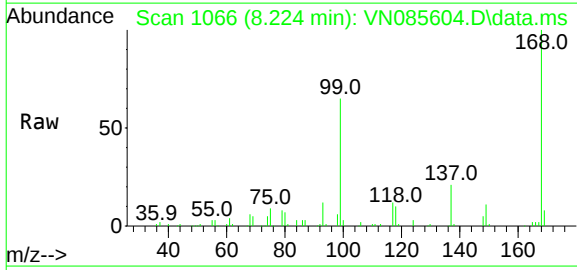
Quant Time: Jan 31 22:30:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
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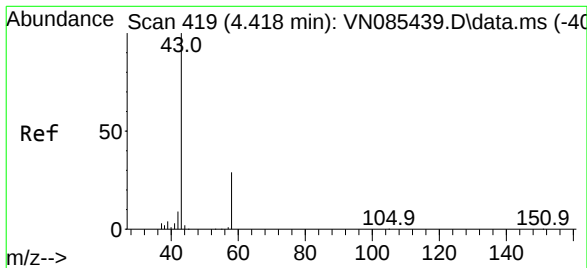
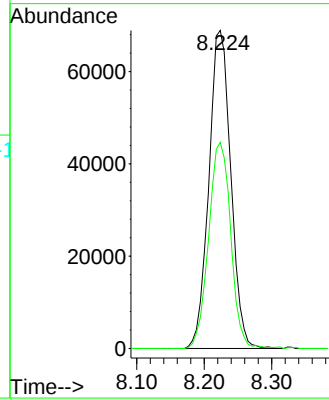
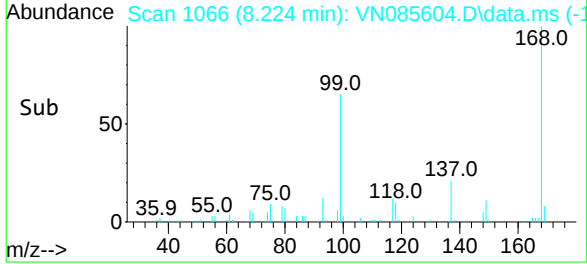


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085604.D
Acq: 31 Jan 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#09

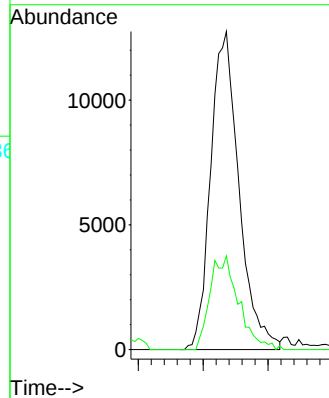
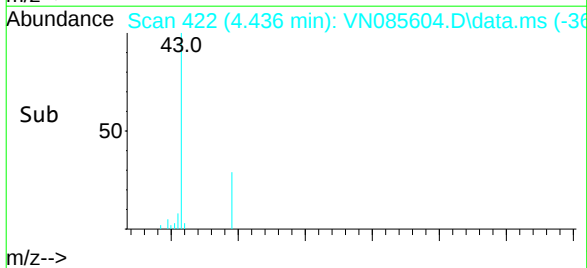
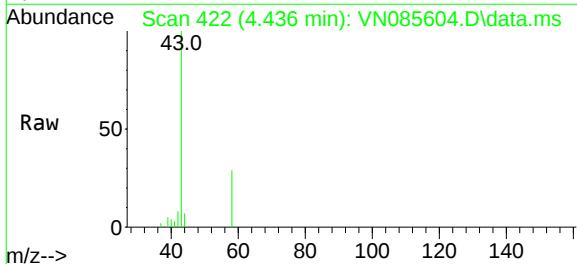


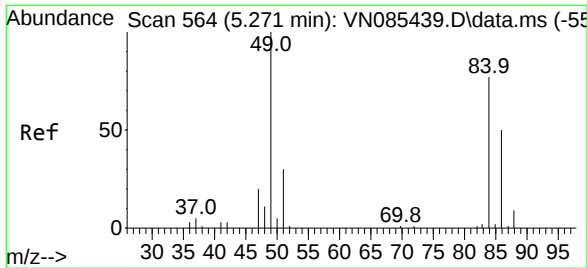
Tgt Ion:168 Resp: 155603
Ion Ratio Lower Upper
168 100
99 64.8 53.6 80.4



#16
Acetone
Concen: 47.712 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085604.D
Acq: 31 Jan 2025 16:04

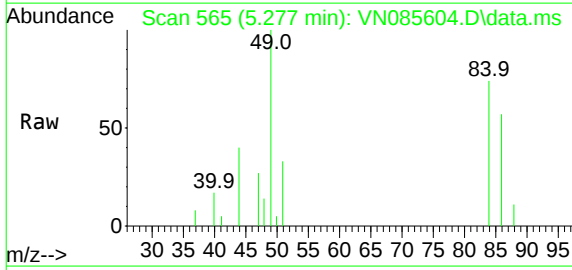
Tgt Ion: 43 Resp: 38722
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.6



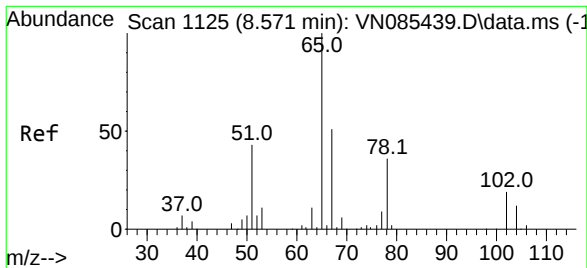
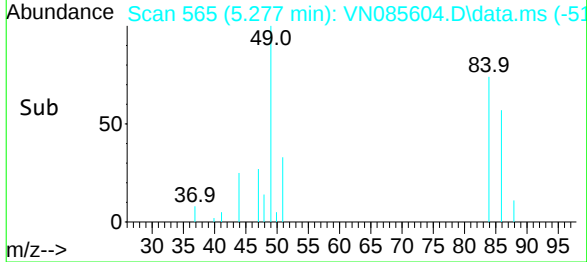
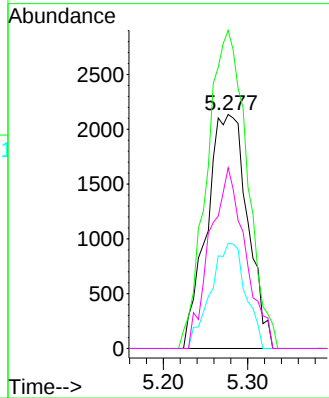


#20
Methylene Chloride
Concen: 3.580 ug/l
RT: 5.277 min Scan# 56
Delta R.T. 0.006 min
Lab File: VN085604.D
Acq: 31 Jan 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#09

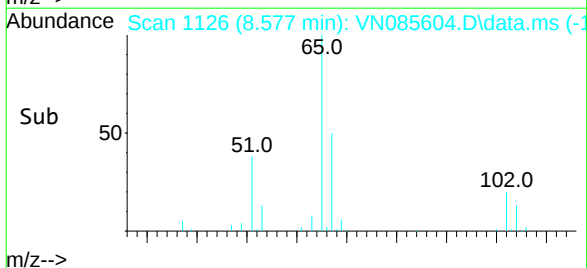
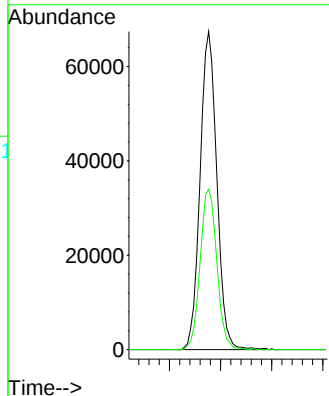
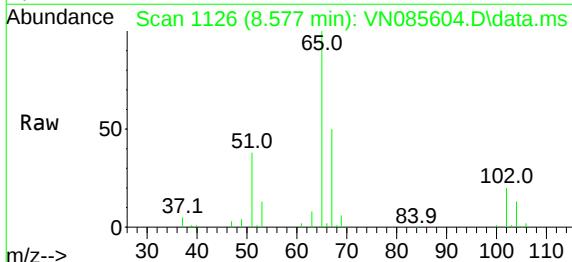


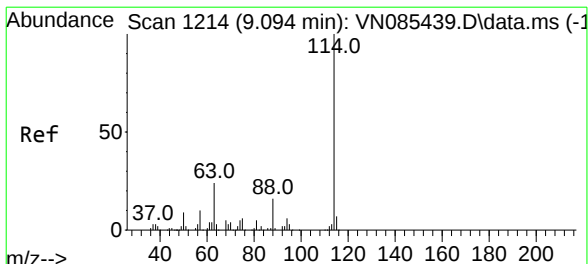
Tgt Ion:	84	Resp:	7192
Ion	Ratio	Lower	Upper
84	100		
49	135.9	104.1	156.1
51	44.9	31.0	46.4
86	77.2	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 61.014 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085604.D
Acq: 31 Jan 2025 16:04

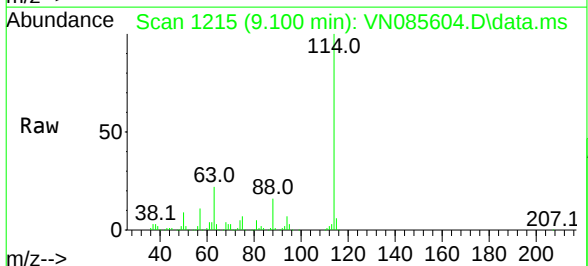
Tgt Ion:	65	Resp:	153253
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.6





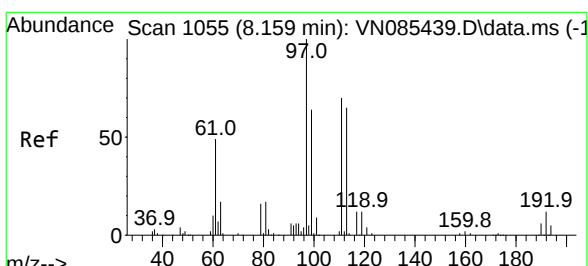
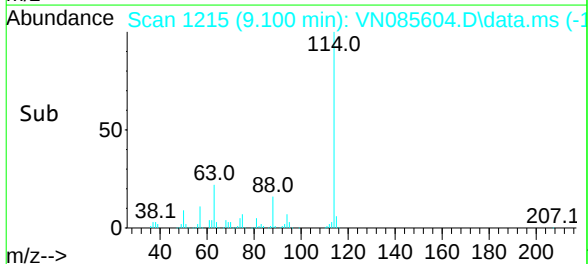
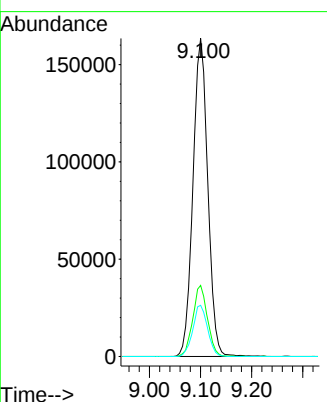
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085604.D
 Acq: 31 Jan 2025 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#09



Tgt Ion: 114 Resp: 329201

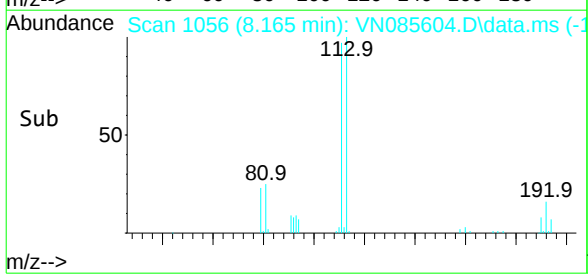
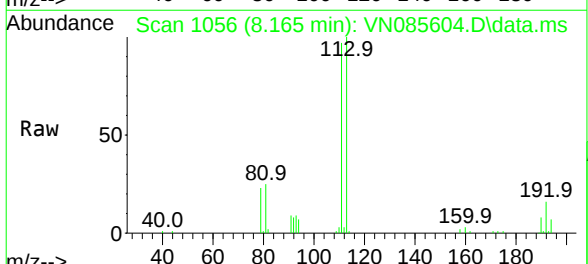
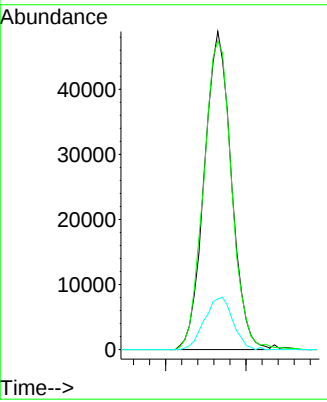
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	47.6
88	16.1	0.0	32.6

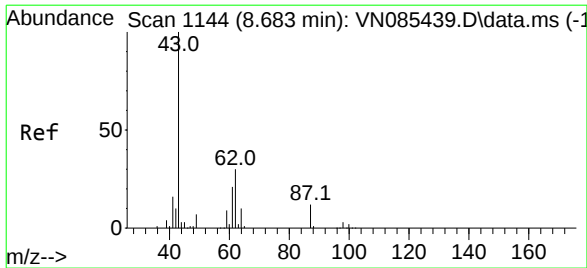


#35
 Dibromofluoromethane
 Concen: 50.045 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085604.D
 Acq: 31 Jan 2025 16:04

Tgt Ion: 113 Resp: 114296

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.7	124.1
192	17.2	14.3	21.5





#43

Isopropyl Acetate

Concen: 41.563 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085604.D

Acq: 31 Jan 2025 16:04

Instrument :

MSVOA_N

ClientSampleId :

PB166357ZHE#09

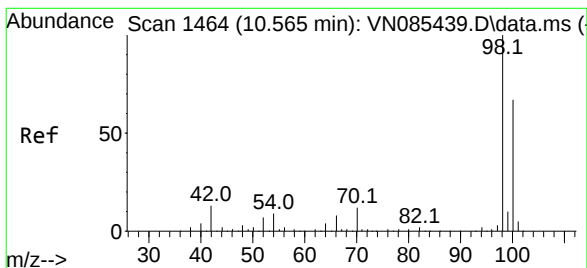
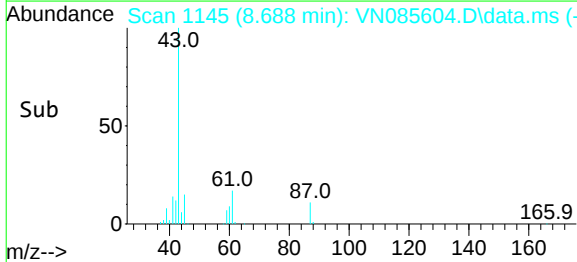
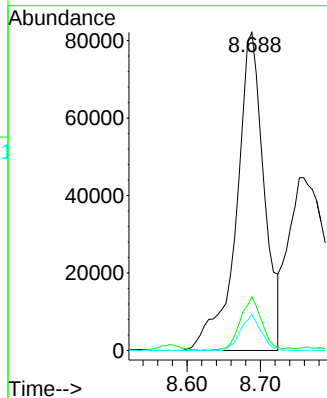
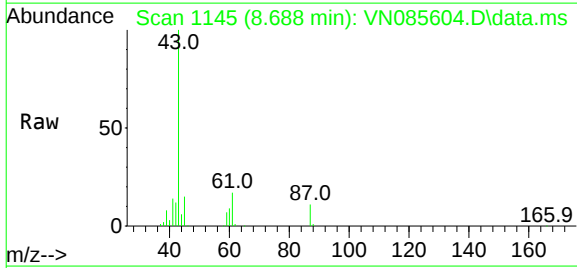
Tgt Ion: 43 Resp: 215468

Ion Ratio Lower Upper

43 100

61 13.2 20.7 31.1#

87 8.4 9.8 14.8#



#50

Toluene-d8

Concen: 51.470 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085604.D

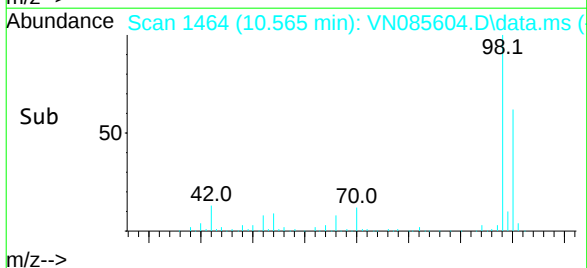
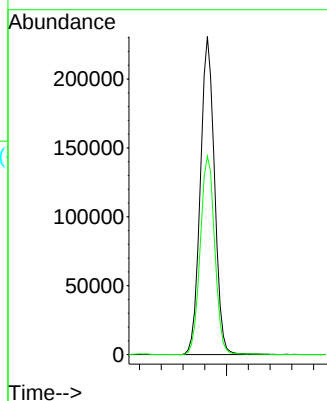
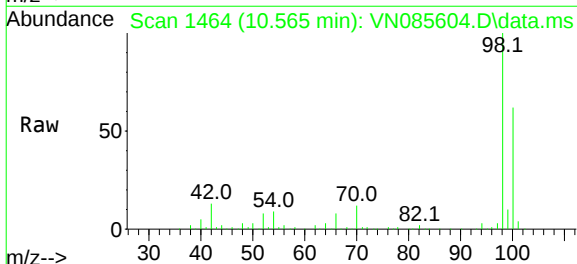
Acq: 31 Jan 2025 16:04

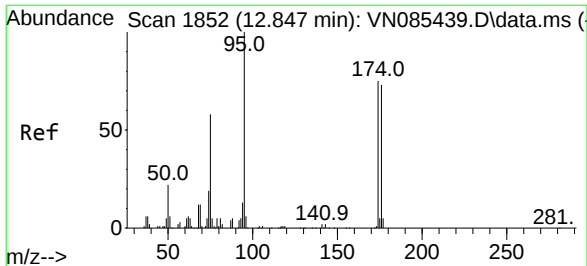
Tgt Ion: 98 Resp: 417653

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 44.654 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085604.D

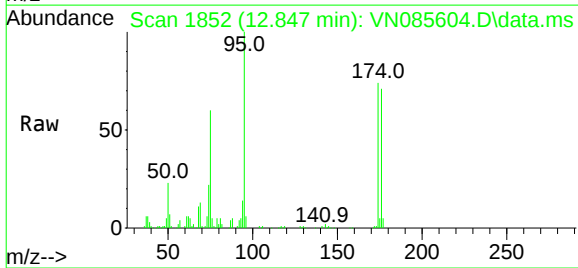
Acq: 31 Jan 2025 16:04

Instrument :

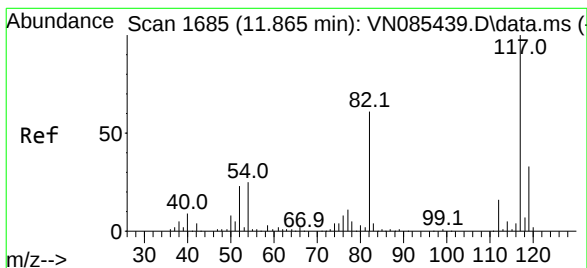
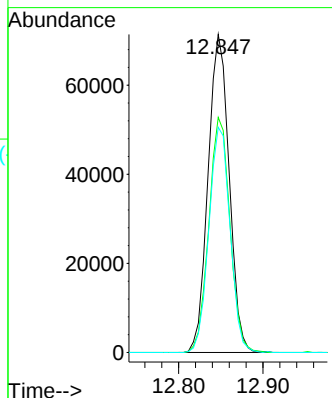
MSVOA_N

ClientSampleId :

PB166357ZHE#09



Tgt Ion:	95	Resp:	123948
Ion Ratio	Lower	Upper	
95	100		
174	74.2	0.0	145.0
176	70.9	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

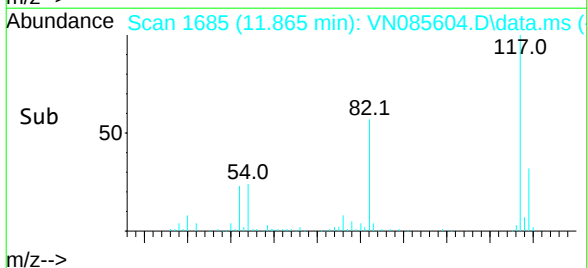
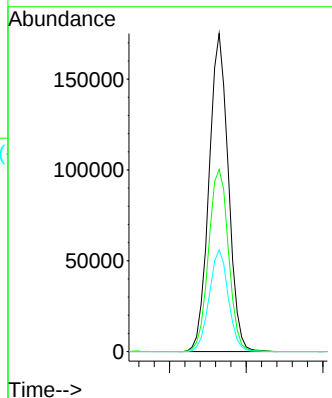
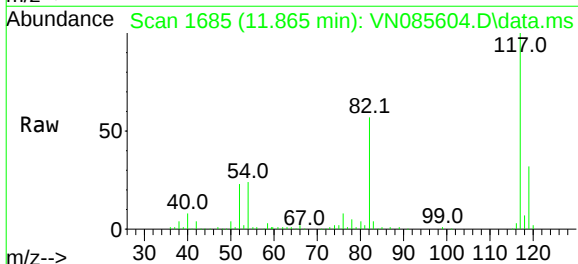
RT: 11.865 min Scan# 1685

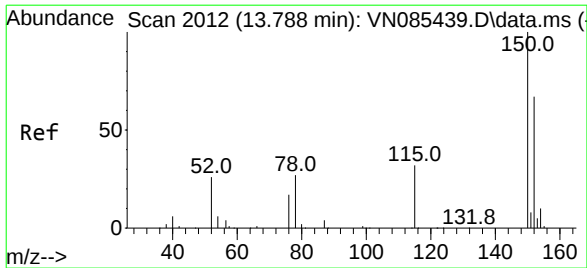
Delta R.T. 0.000 min

Lab File: VN085604.D

Acq: 31 Jan 2025 16:04

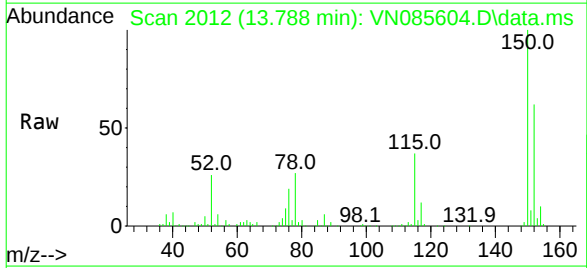
Tgt Ion:	117	Resp:	306076
Ion Ratio	Lower	Upper	
117	100		
82	57.3	48.6	72.8
119	32.0	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085604.D
 Acq: 31 Jan 2025 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#09



Tgt Ion:	152	Resp:	108784
Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.1	93.3
150	156.2	0.0	343.6

