

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085614.D
 Acq On : 31 Jan 2025 20:05
 Operator : JC\MD
 Sample : Q1215-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-29.1-012825

Quant Time: Jan 31 22:35:14 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)

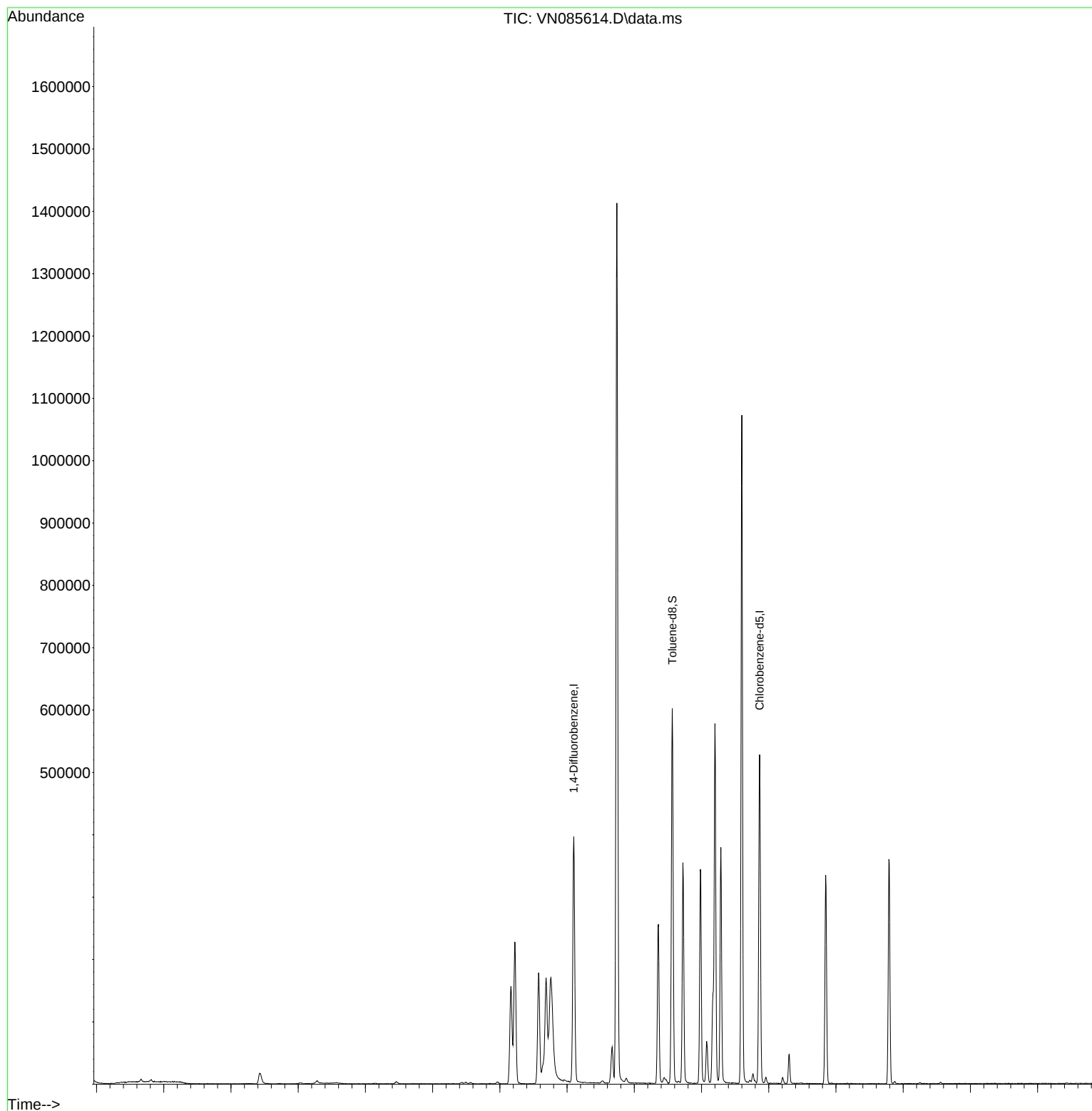
Internal Standards						
1) Pentafluorobenzene	8.224	168	150642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	148102	60.905	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.820%			
35) Dibromofluoromethane	8.165	113	110123	50.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.000%			
50) Toluene-d8	10.565	98	405836	51.863	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.847	95	111608	41.695	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 83.380%			
Target Compounds						
16) Acetone	4.436	43	34560	43.987	ug/l	92
20) Methylene Chloride	5.271	84	2625	1.350	ug/l #	88
43) Isopropyl Acetate	8.688	43	211916	42.389	ug/l #	79

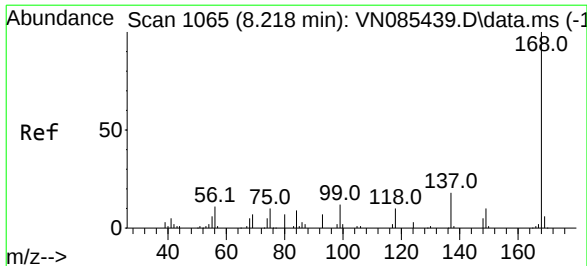
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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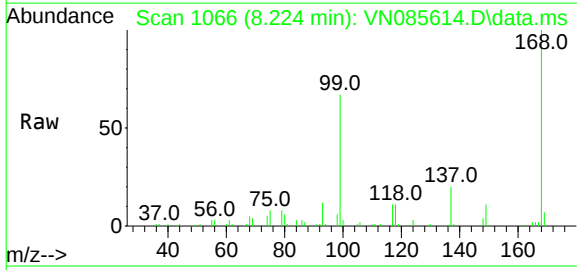
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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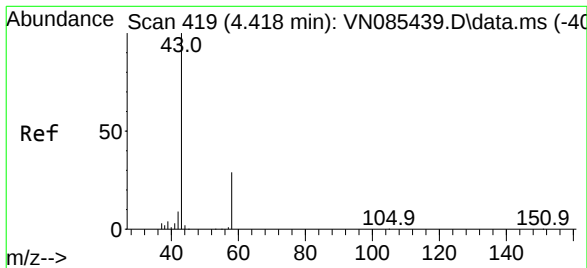
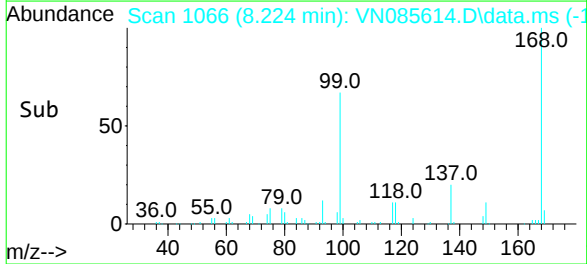
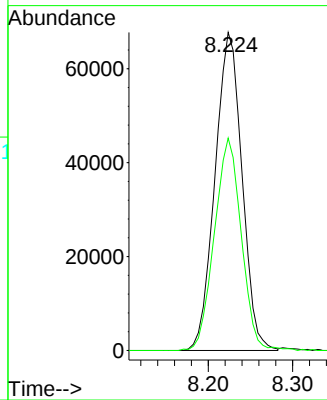


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085614.D
Acq: 31 Jan 2025 20:05

Instrument :
MSVOA_N
ClientSampleId :
JPP-29.1-012825

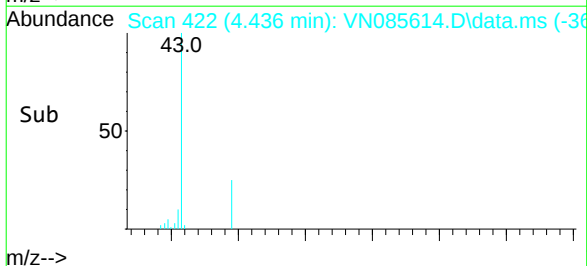
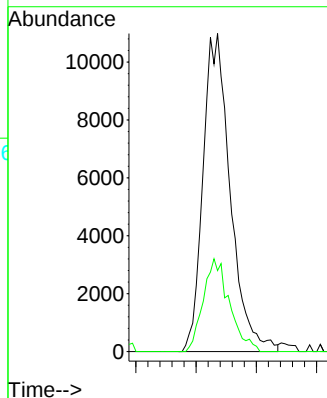
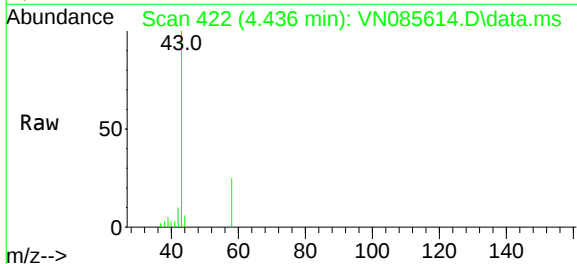


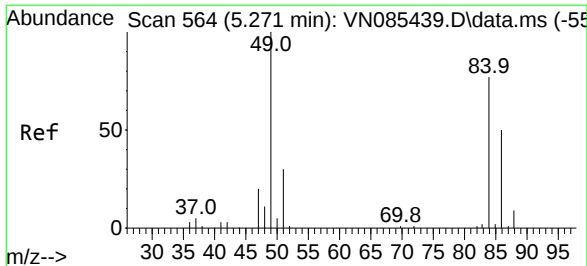
Tgt Ion:168 Resp: 150642
Ion Ratio Lower Upper
168 100
99 66.8 53.6 80.4



#16
Acetone
Concen: 43.987 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.017 min
Lab File: VN085614.D
Acq: 31 Jan 2025 20:05

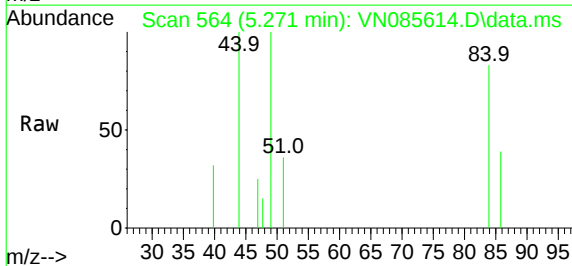
Tgt Ion: 43 Resp: 34560
Ion Ratio Lower Upper
43 100
58 25.5 23.8 35.6



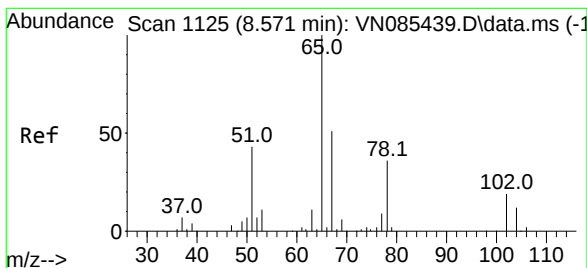
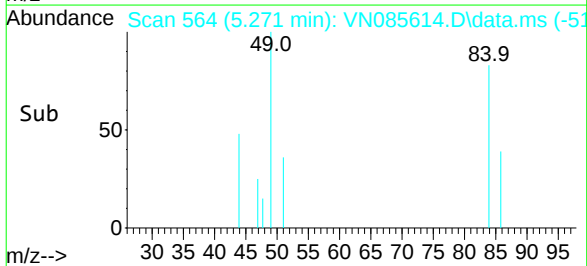
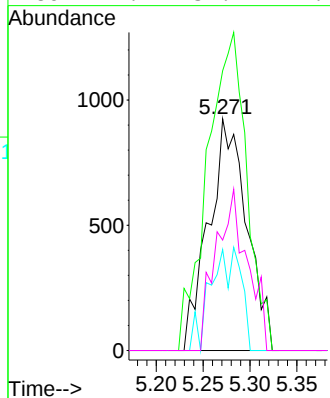


#20
Methylene Chloride
Concen: 1.350 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085614.D
Acq: 31 Jan 2025 20:05

Instrument :
MSVOA_N
ClientSampleId :
JPP-29.1-012825

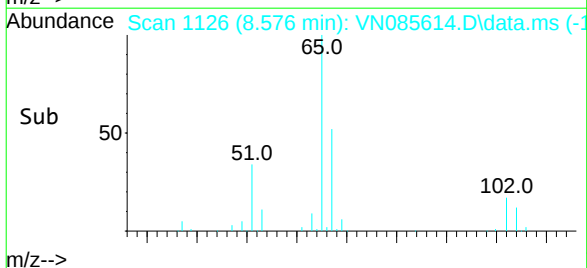
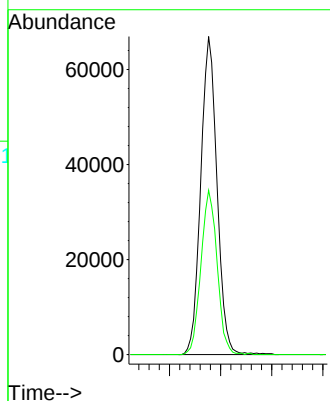
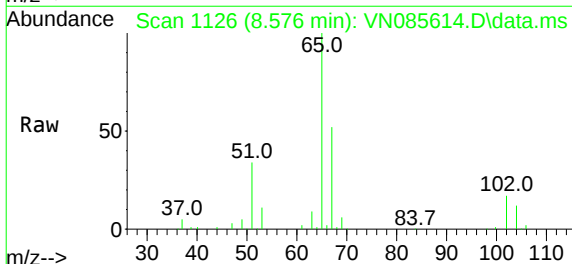


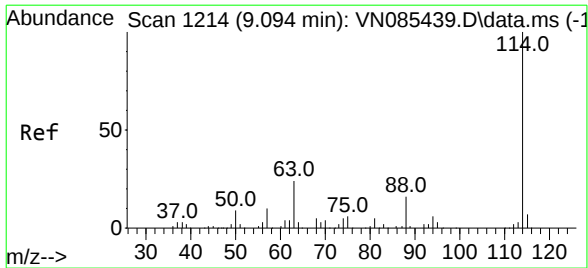
Tgt Ion:	84	Resp:	2625
Ion	Ratio	Lower	Upper
84	100		
49	120.8	104.1	156.1
51	43.6	31.0	46.4
86	47.7	51.9	77.9#



#33
1,2-Dichloroethane-d4
Concen: 60.905 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085614.D
Acq: 31 Jan 2025 20:05

Tgt Ion:	65	Resp:	148102
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.6

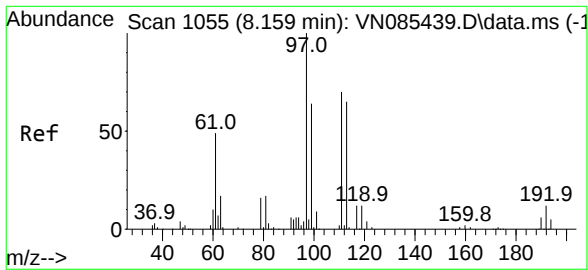
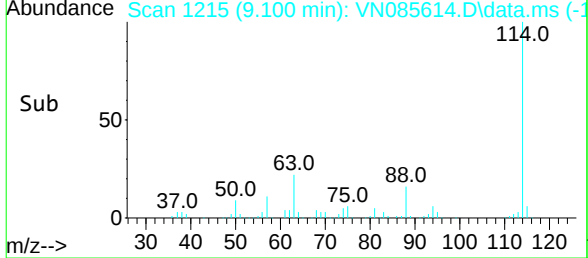
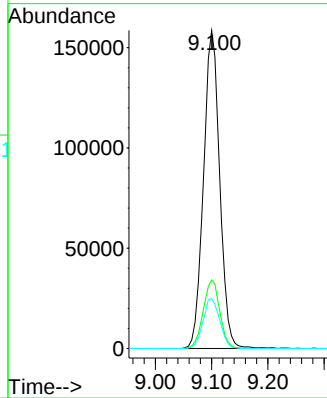
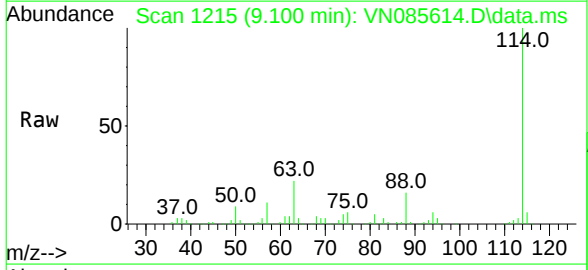




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085614.D
 Acq: 31 Jan 2025 20:05

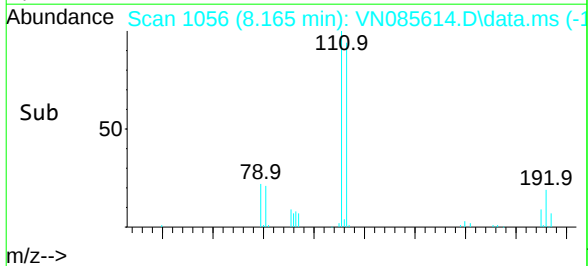
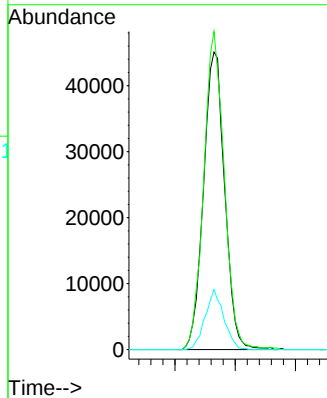
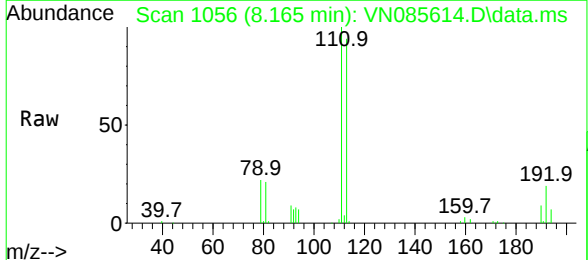
Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-29.1-012825

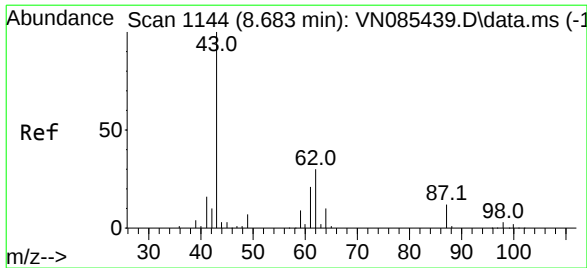
Tgt Ion:	114	Resp:	317464
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	47.6
88	15.7	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.001 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085614.D
 Acq: 31 Jan 2025 20:05

Tgt Ion:	113	Resp:	110123
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	17.8	14.3	21.5





#43

Isopropyl Acetate

Concen: 42.389 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085614.D

Acq: 31 Jan 2025 20:05

Instrument :

MSVOA_N

ClientSampleId :

JPP-29.1-012825

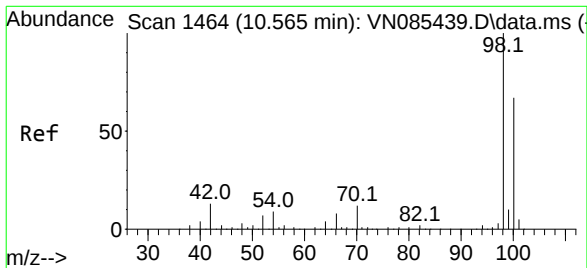
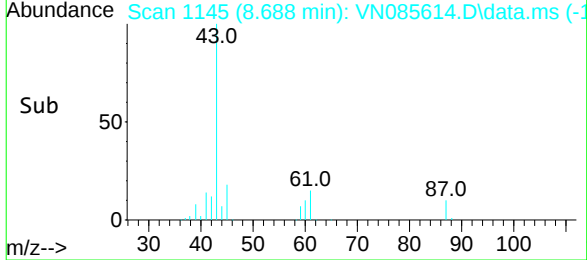
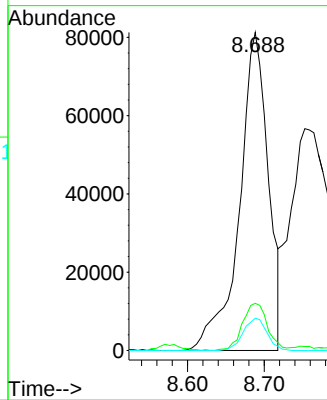
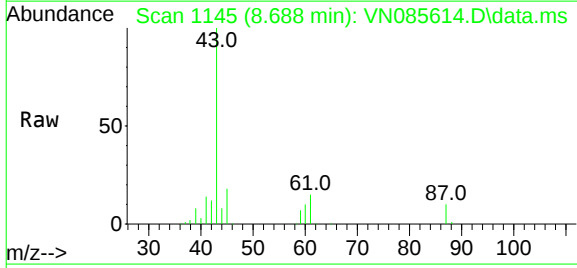
Tgt Ion: 43 Resp: 211916

Ion Ratio Lower Upper

43 100

61 12.9 20.7 31.1#

87 8.3 9.8 14.8#



#50

Toluene-d8

Concen: 51.863 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085614.D

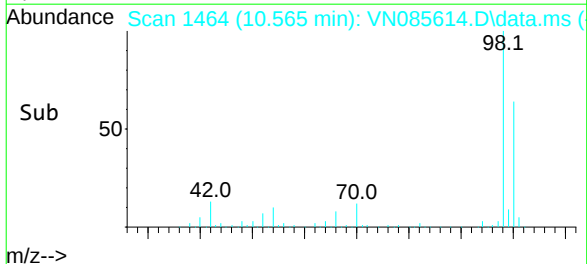
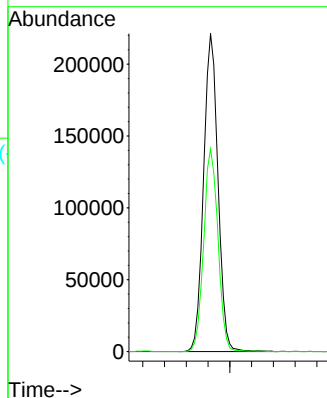
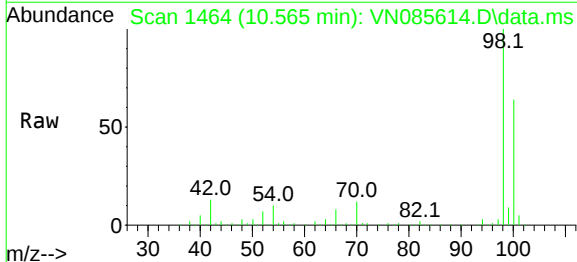
Acq: 31 Jan 2025 20:05

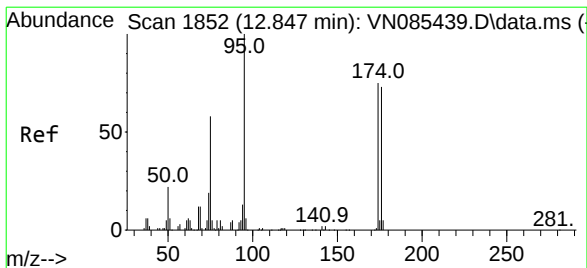
Tgt Ion: 98 Resp: 405836

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 41.695 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085614.D

Acq: 31 Jan 2025 20:05

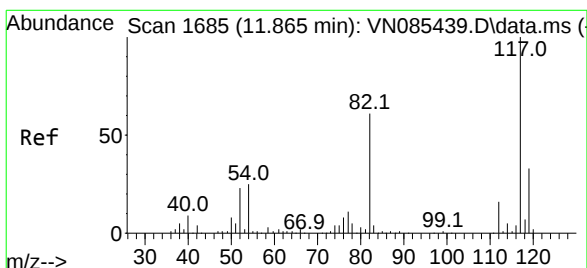
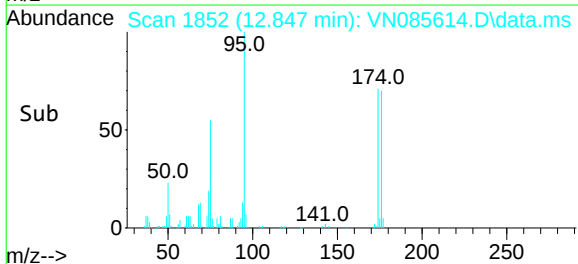
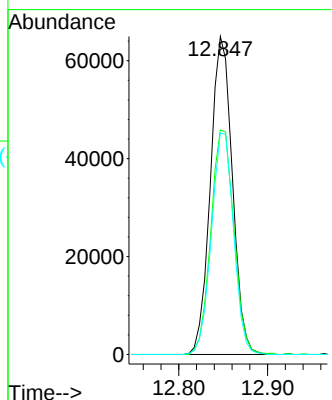
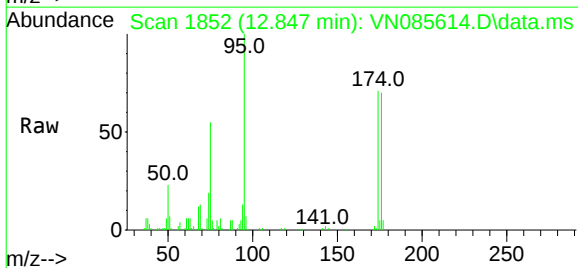
Instrument :

MSVOA_N

ClientSampleId :

JPP-29.1-012825

Tgt Ion:	95	Resp:	111608
Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	145.0
176	70.5	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

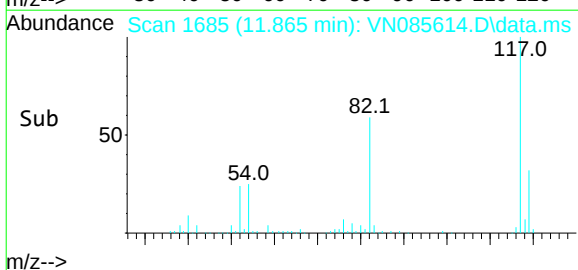
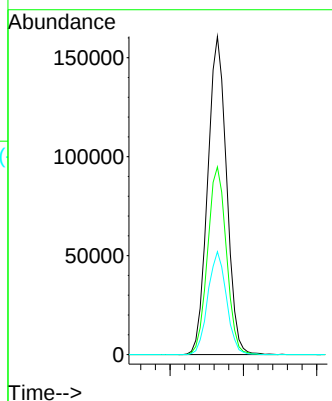
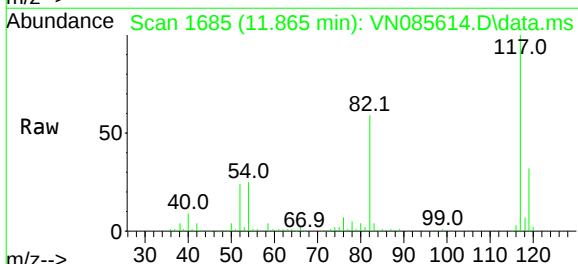
RT: 11.865 min Scan# 1685

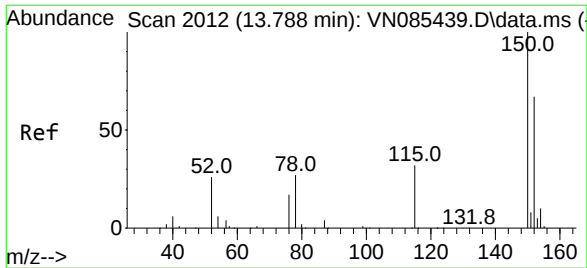
Delta R.T. -0.000 min

Lab File: VN085614.D

Acq: 31 Jan 2025 20:05

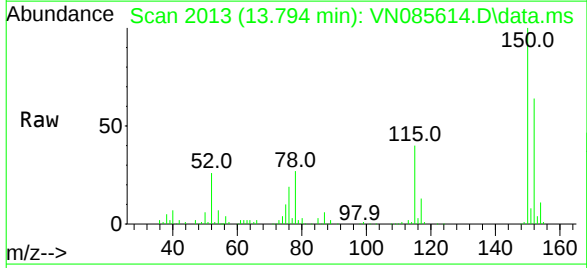
Tgt Ion:	117	Resp:	287869
Ion	Ratio	Lower	Upper
117	100		
82	59.0	48.6	72.8
119	32.3	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085614.D
 Acq: 31 Jan 2025 20:05

Instrument :
 MSVOA_N
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 JPP-29.1-012825



Tgt Ion:	152	Resp:	92759
Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.1	93.3
150	159.4	0.0	343.6

