

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085609.D
 Acq On : 31 Jan 2025 18:04
 Operator : JC\MD
 Sample : PB166357ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#14

Quant Time: Jan 31 22:33:00 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)

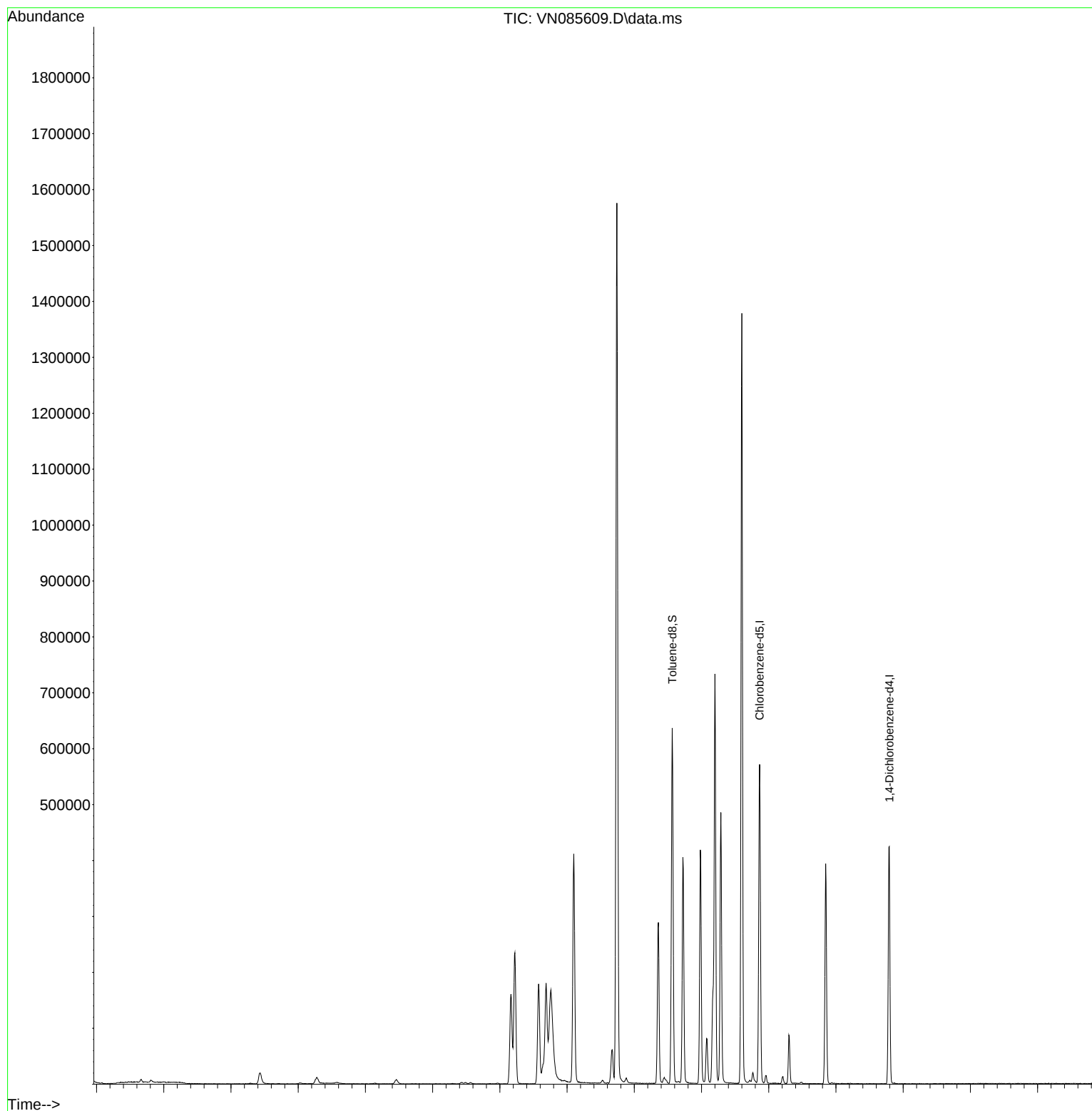
Internal Standards						
1) Pentafluorobenzene	8.224	168	157664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152218	59.810	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	119.620%	
35) Dibromofluoromethane	8.165	113	112569	49.482	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.960%	
50) Toluene-d8	10.565	98	417308	51.629	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.260%	
62) 4-Bromofluorobenzene	12.847	95	125609	45.429	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	90.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	38873	47.272	ug/l	97
20) Methylene Chloride	5.271	84	7922	3.891	ug/l	93
43) Isopropyl Acetate	8.688	43	234200	45.353	ug/l #	78

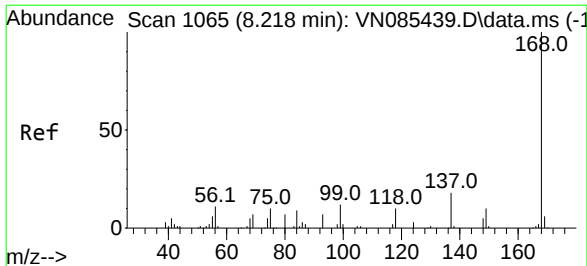
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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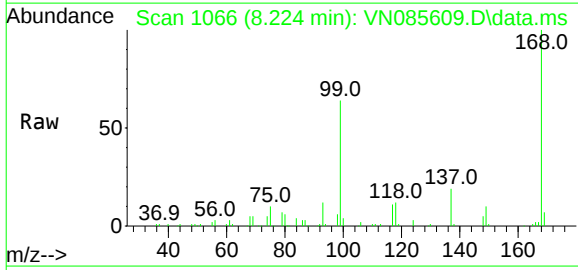
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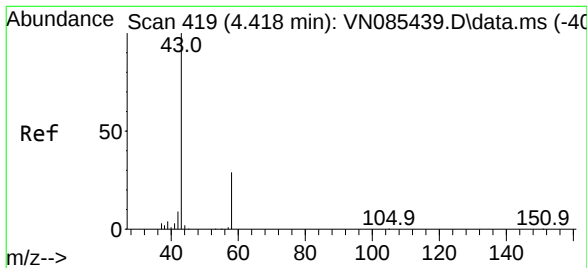
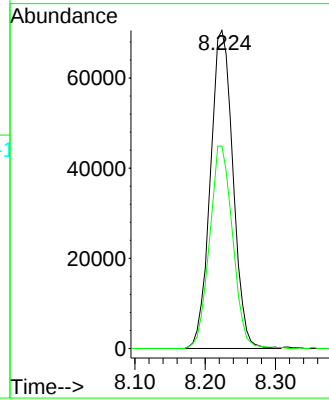
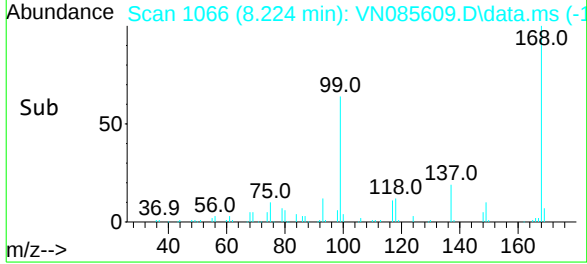


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085609.D
Acq: 31 Jan 2025 18:04

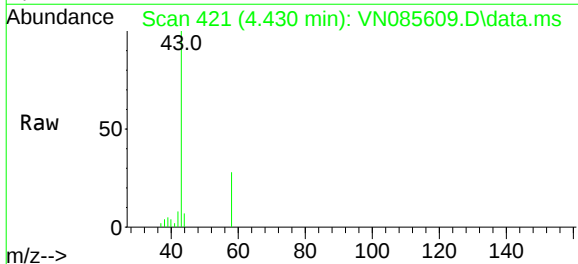
Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#14



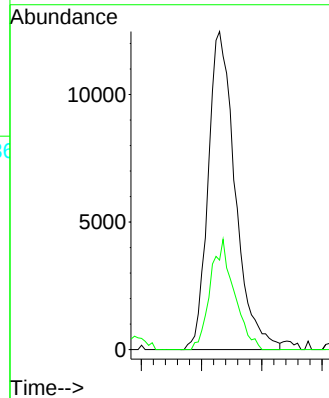
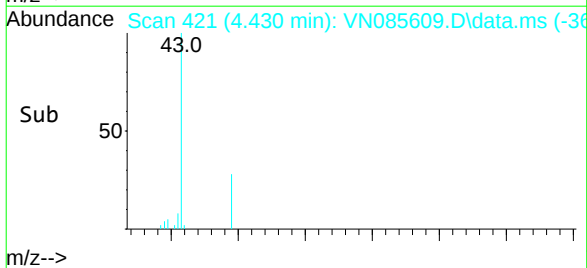
Tgt Ion:168 Resp: 157664
Ion Ratio Lower Upper
168 100
99 63.7 53.6 80.4

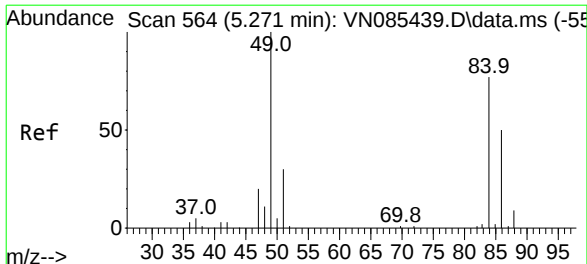


#16
Acetone
Concen: 47.272 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085609.D
Acq: 31 Jan 2025 18:04



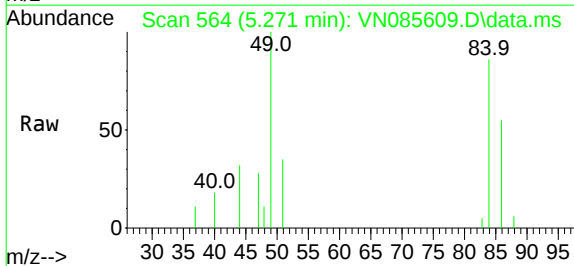
Tgt Ion: 43 Resp: 38873
Ion Ratio Lower Upper
43 100
58 28.1 23.8 35.6



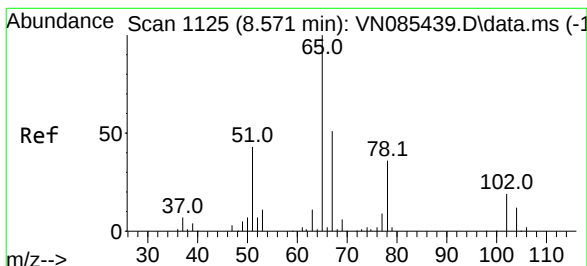
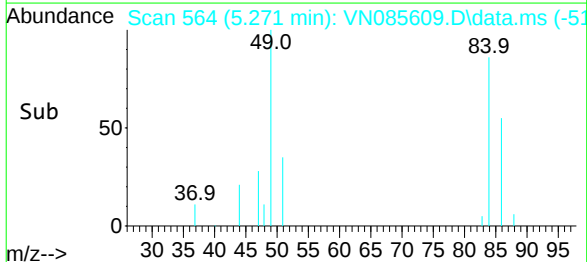
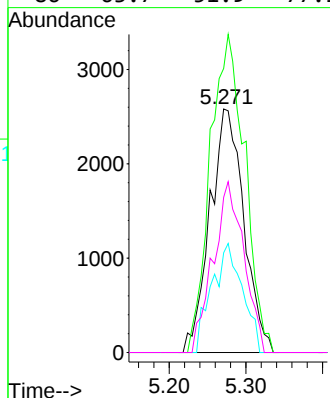


#20
Methylene Chloride
Concen: 3.891 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085609.D
Acq: 31 Jan 2025 18:04

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#14

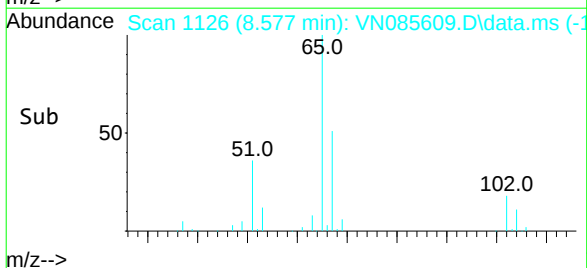
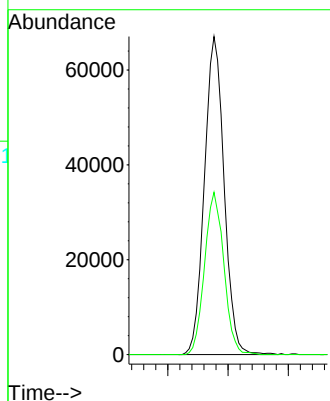
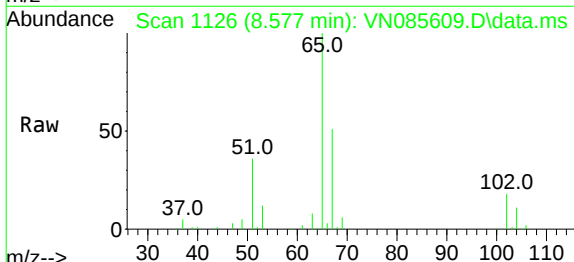


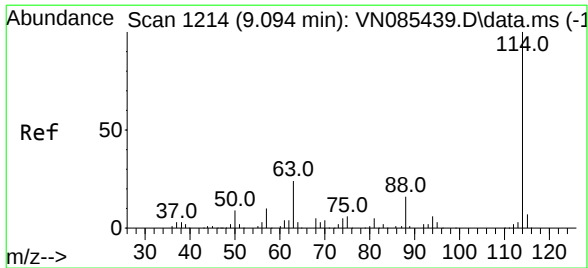
Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.6	104.1	156.1
51	40.9	31.0	46.4
86	63.7	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 59.810 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085609.D
Acq: 31 Jan 2025 18:04

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.6

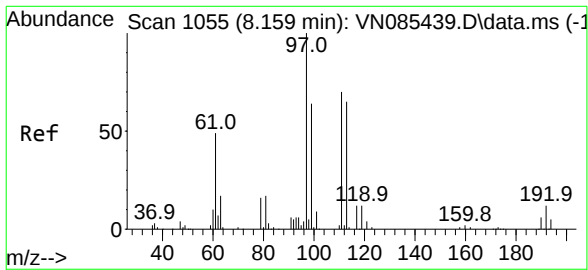
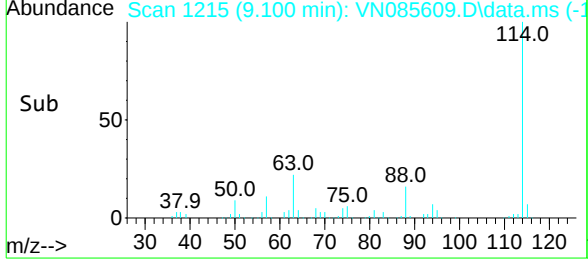
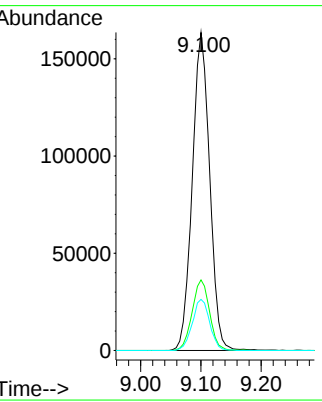
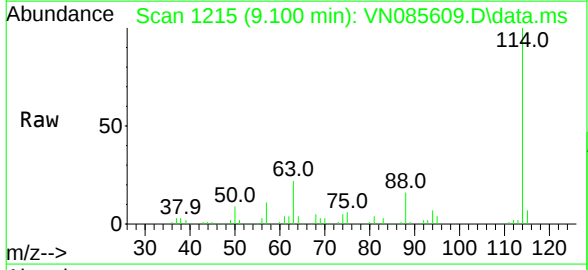




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085609.D
 Acq: 31 Jan 2025 18:04

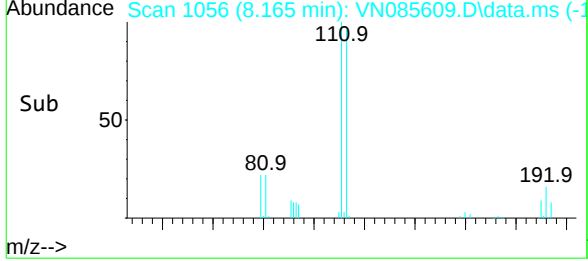
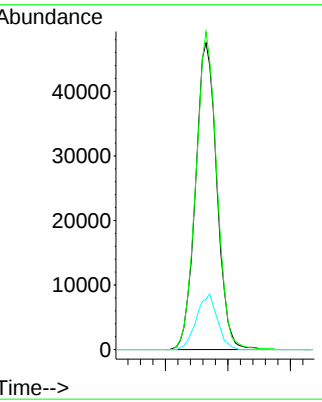
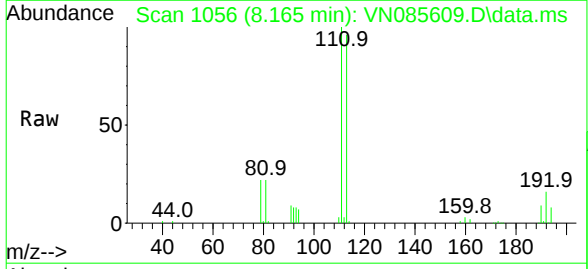
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166357ZHE#14

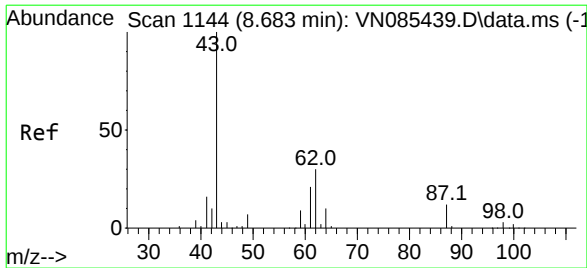
Tgt Ion:	114	Resp:	327919
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	47.6
88	16.1	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.482 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085609.D
 Acq: 31 Jan 2025 18:04

Tgt Ion:	113	Resp:	112569
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	17.8	14.3	21.5

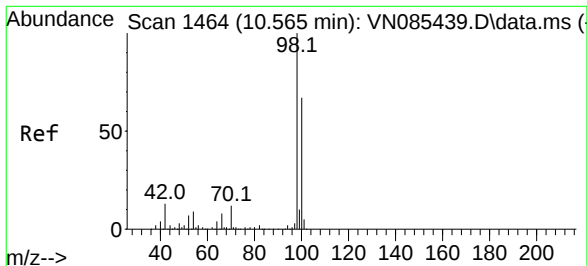
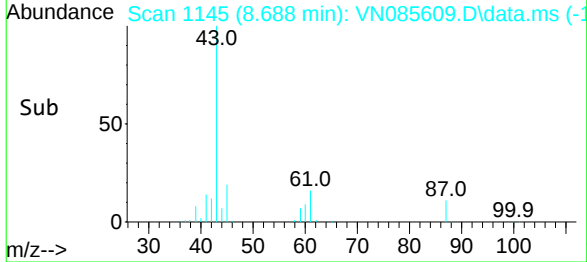
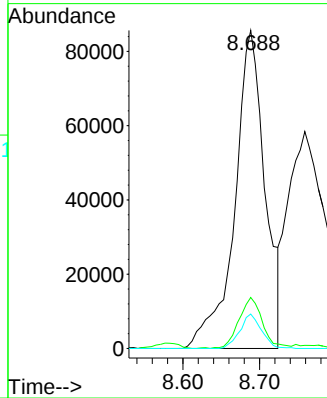
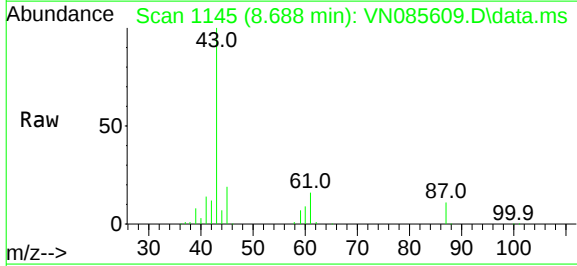




#43
Isopropyl Acetate
Concen: 45.353 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085609.D
Acq: 31 Jan 2025 18:04

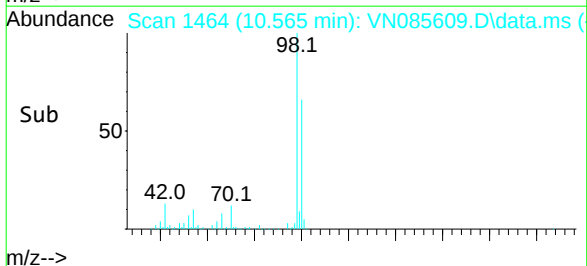
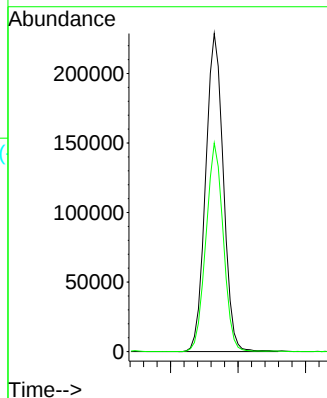
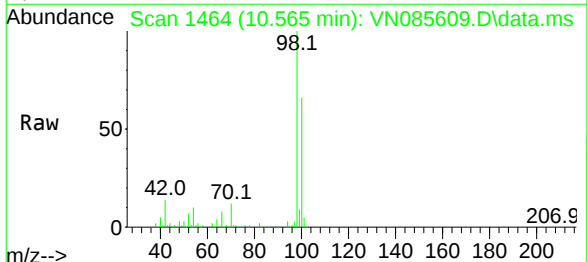
Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#14

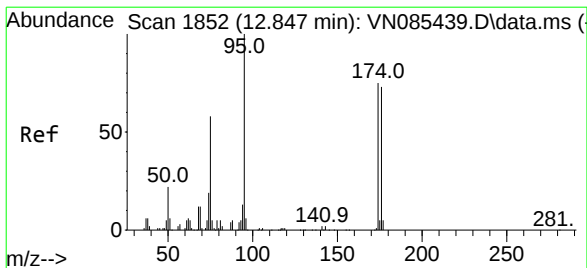
Tgt Ion: 43 Resp: 234200
Ion Ratio Lower Upper
43 100
61 12.5 20.7 31.1#
87 7.7 9.8 14.8#



#50
Toluene-d8
Concen: 51.629 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085609.D
Acq: 31 Jan 2025 18:04

Tgt Ion: 98 Resp: 417308
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 45.429 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085609.D

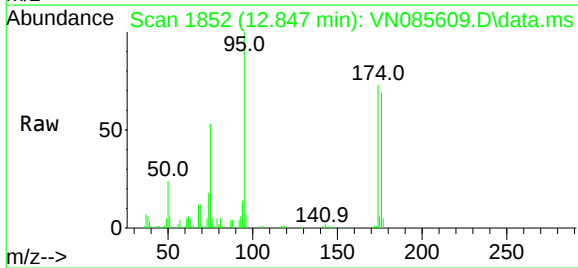
Acq: 31 Jan 2025 18:04

Instrument :

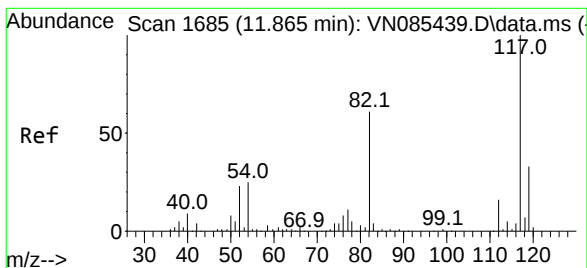
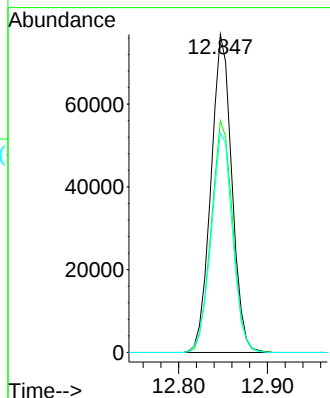
MSVOA_N

ClientSampleId :

PB166357ZHE#14



Tgt Ion:	95	Resp:	125609
Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	145.0
176	71.1	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

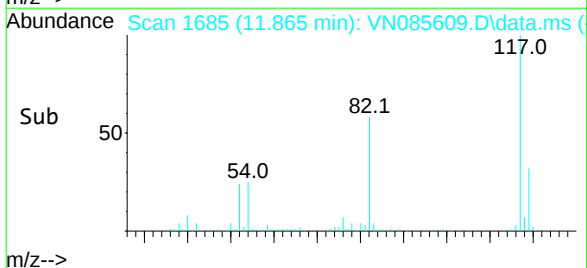
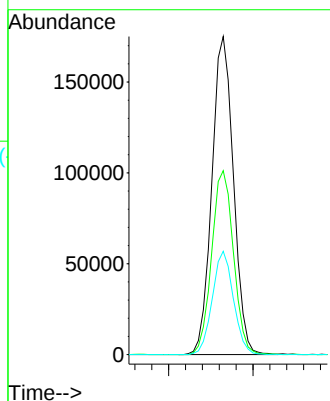
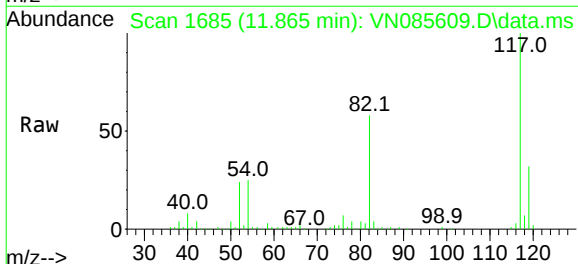
RT: 11.865 min Scan# 1685

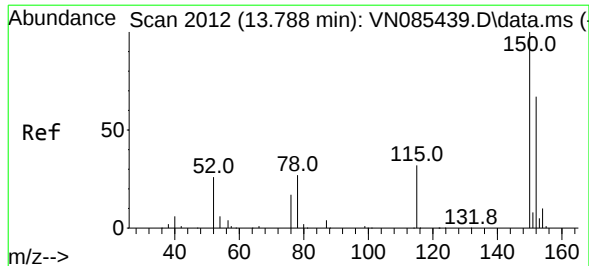
Delta R.T. 0.000 min

Lab File: VN085609.D

Acq: 31 Jan 2025 18:04

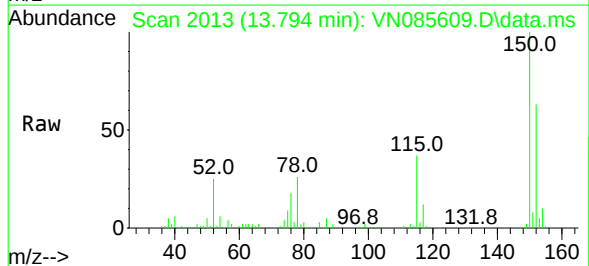
Tgt Ion:	117	Resp:	311174
Ion	Ratio	Lower	Upper
117	100		
82	57.8	48.6	72.8
119	32.5	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085609.D
Acq: 31 Jan 2025 18:04

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#14



Tgt Ion:	152	Resp:	111139
Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.1	93.3
150	160.3	0.0	343.6

