Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086510.D
Acq On : 06 May 2025 13:22
Operator : JC\MD
Sample : Q1947-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-O

Quant Time: May 07 02:55:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	173645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121653	48.313	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.620%			
35) Dibromofluoromethane	8.165	113	84532	56.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.620%			
50) Toluene-d8	10.565	98	410428	51.152	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.300%			
62) 4-Bromofluorobenzene	12.847	95	151084	51.624	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.240%			
Target Compounds						Qvalue
16) Acetone	4.430	43	30630	30.165	ug/l	100
20) Methylene Chloride	5.277	84	7564	3.249	ug/l	95
43) Isopropyl Acetate	8.683	43	25141	2.624	ug/l #	87

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

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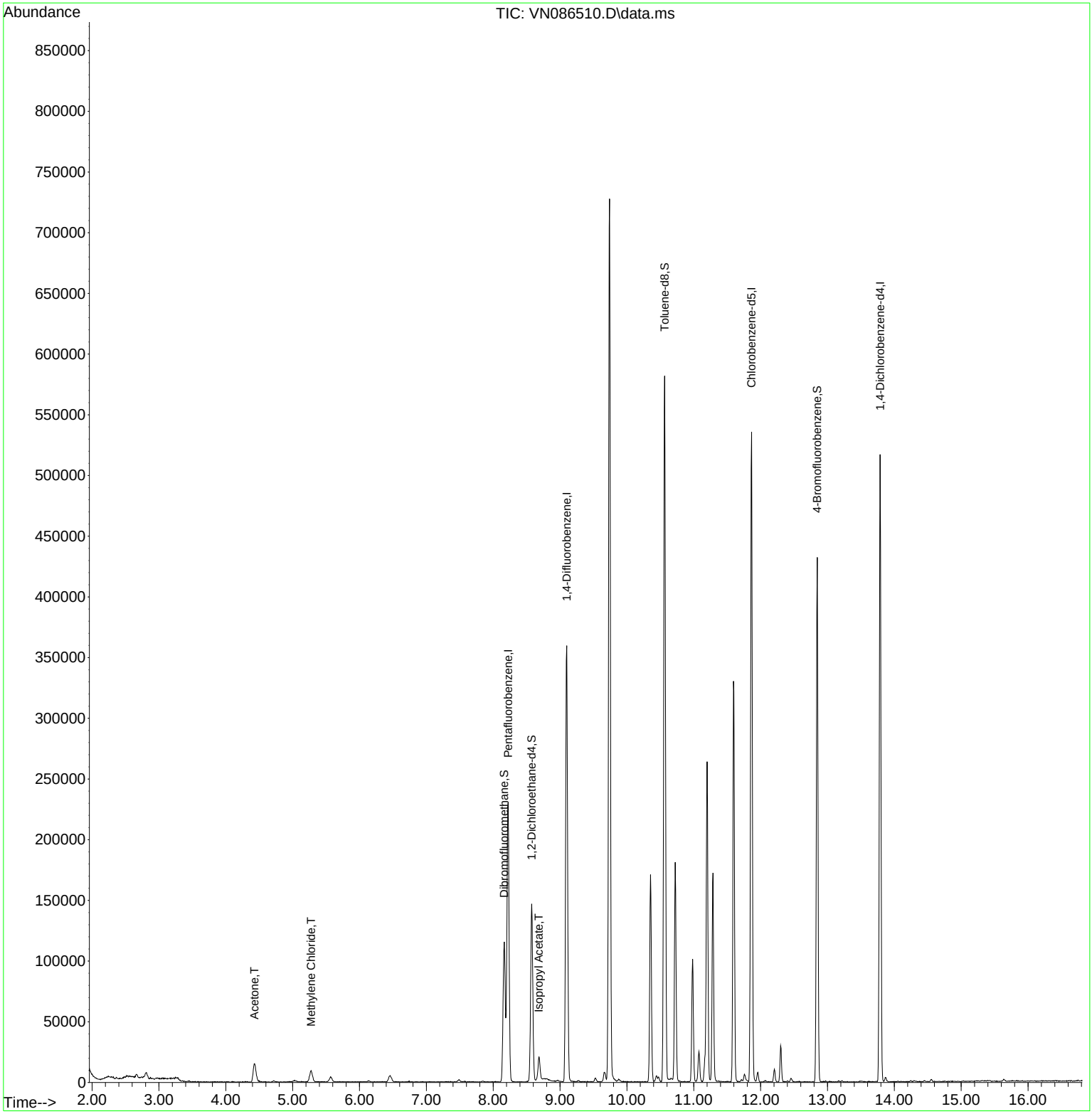
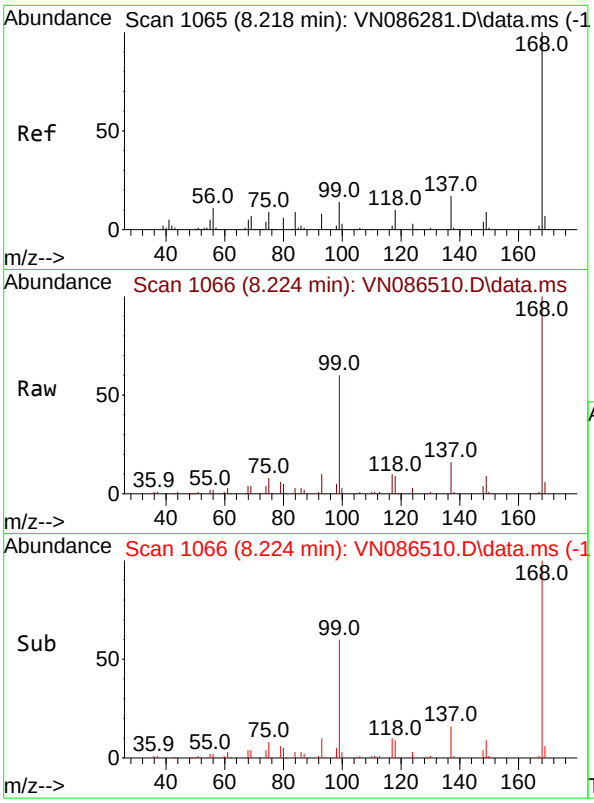


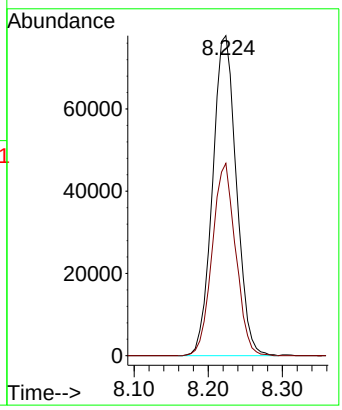


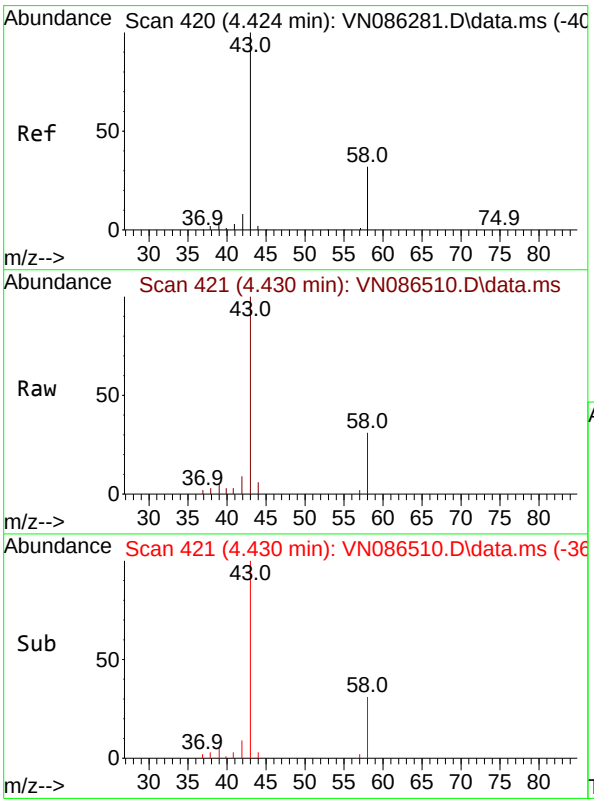
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
MH-O

Tgt Ion:168 Resp: 173645

Ion	Ratio	Lower	Upper
168	100		
99	60.1	52.5	78.7

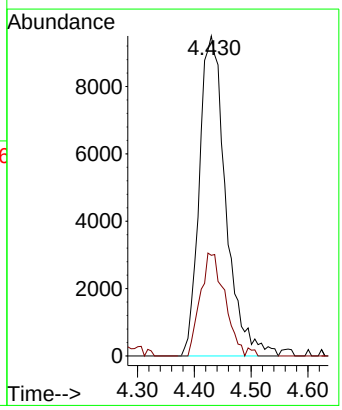


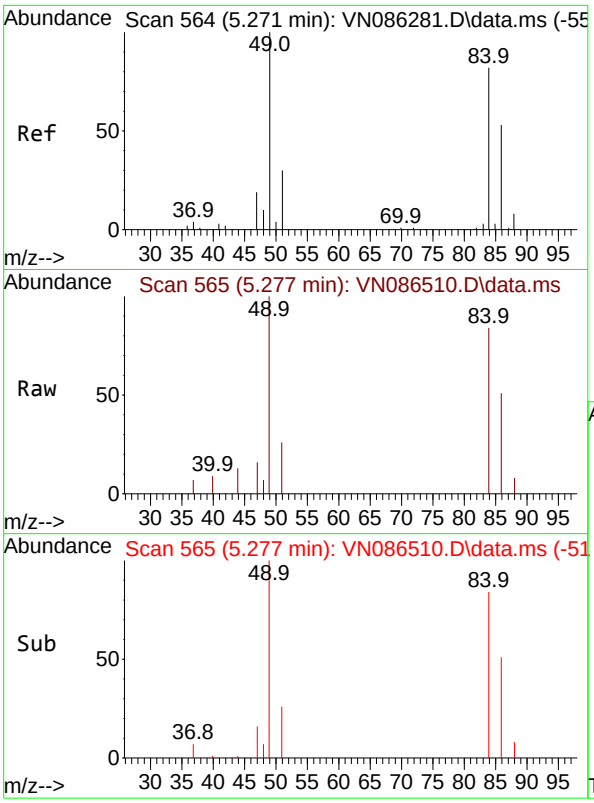


#16
Acetone
Concen: 30.165 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Tgt Ion: 43 Resp: 30630

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.3	37.9



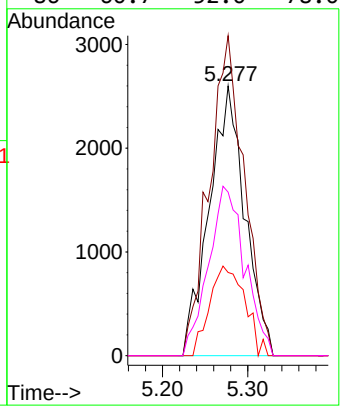


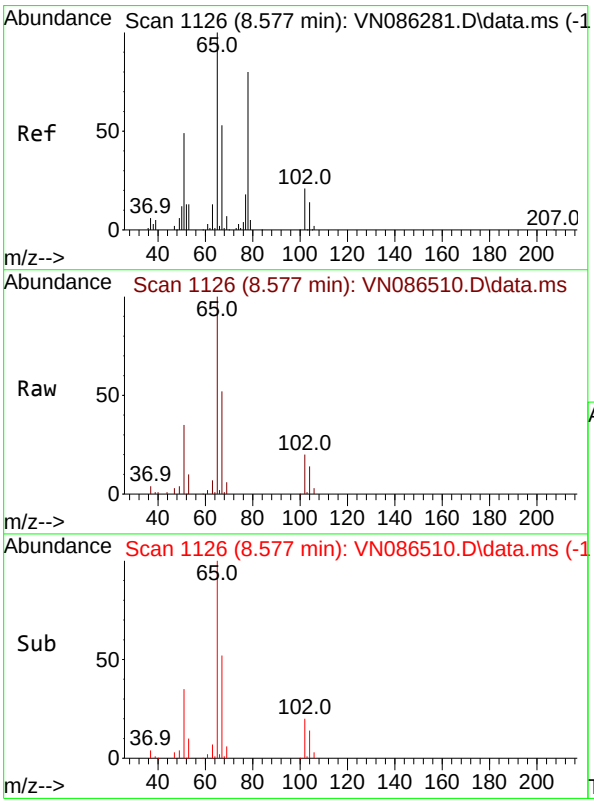
#20
Methylene Chloride
Concen: 3.249 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
MH-O

Tgt Ion: 84 Resp: 7564

Ion	Ratio	Lower	Upper
84	100		
49	118.7	98.2	147.2
51	30.8	29.8	44.6
86	60.7	52.0	78.0

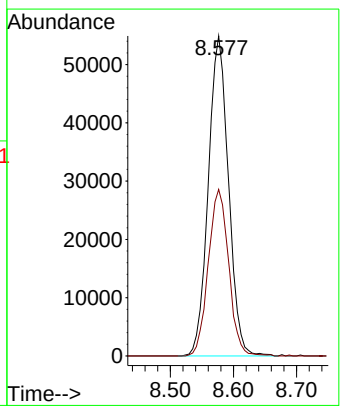


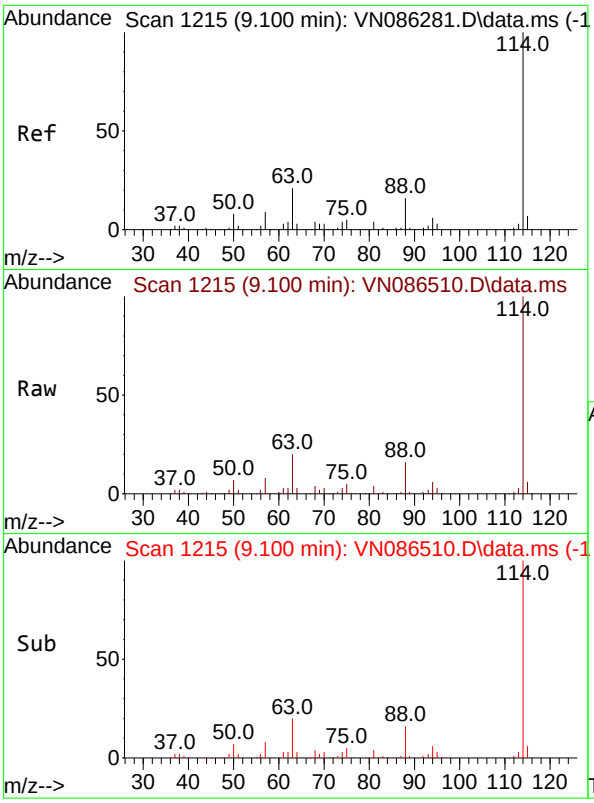


#33
1,2-Dichloroethane-d4
Concen: 48.313 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Tgt Ion: 65 Resp: 121653

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.0



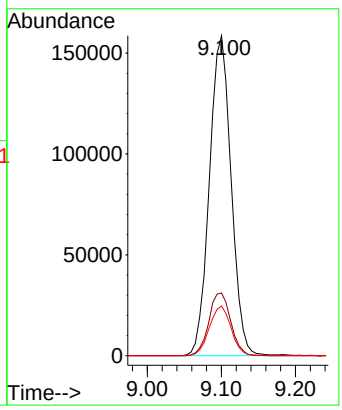


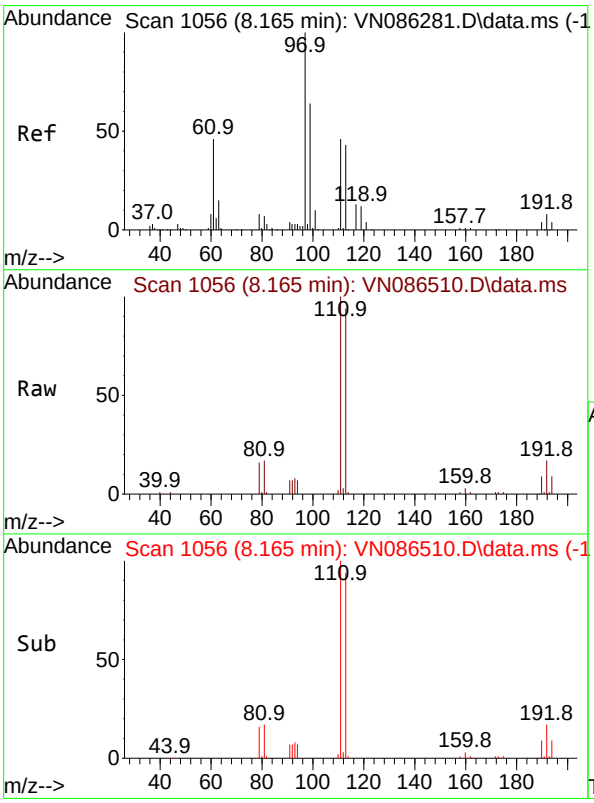
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
MH-O

Tgt Ion:114 Resp: 323480

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.6
88	15.5	0.0	31.8

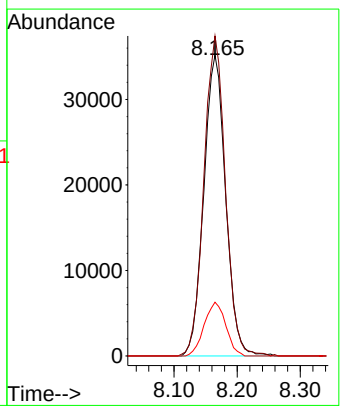


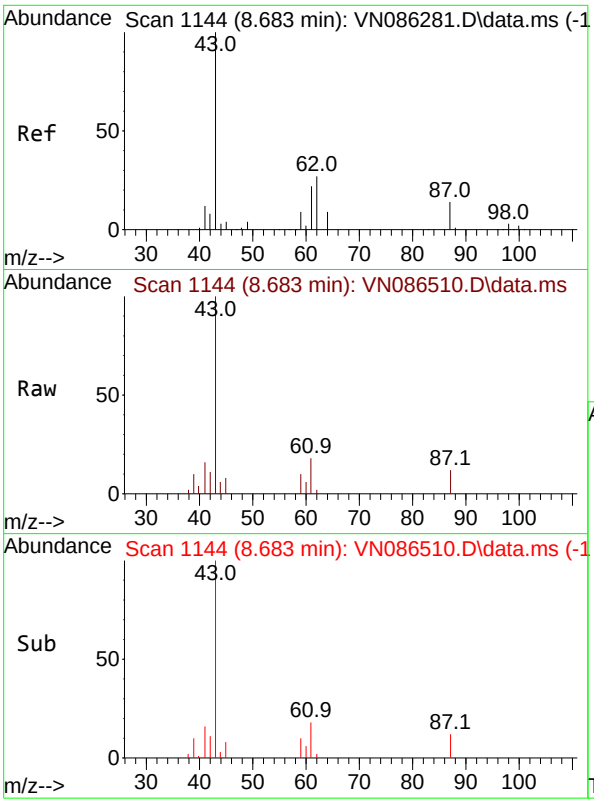


#35
Dibromofluoromethane
Concen: 56.305 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Tgt Ion:113 Resp: 84532

Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.4	125.0
192	17.7	13.7	20.5



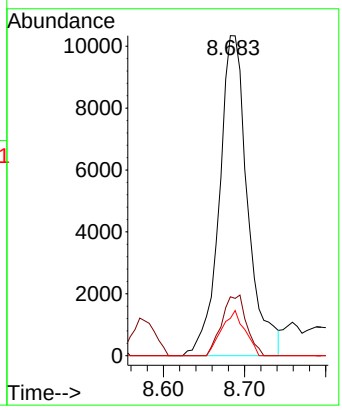


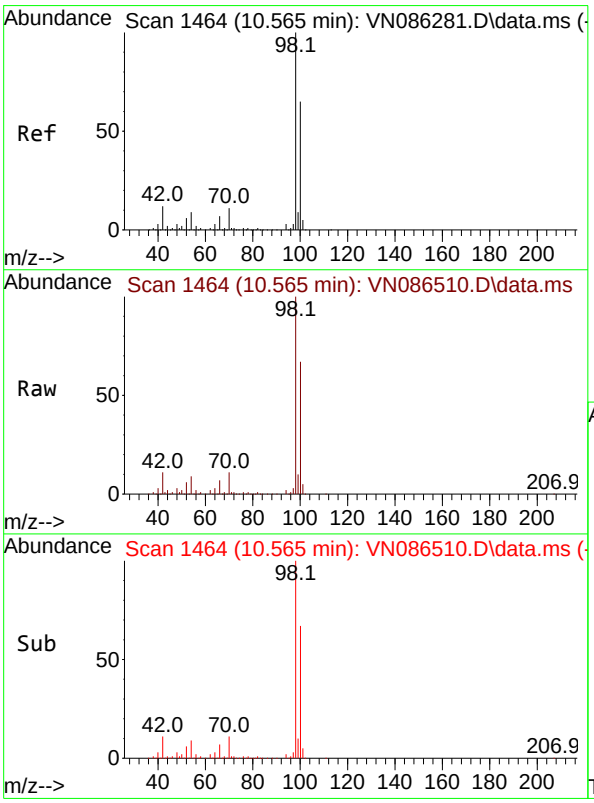
#43
Isopropyl Acetate
Concen: 2.624 ug/l
RT: 8.683 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
MH-O

Tgt Ion: 43 Resp: 25141

Ion	Ratio	Lower	Upper
43	100		
61	16.4	20.5	30.7#
87	11.4	10.5	15.7

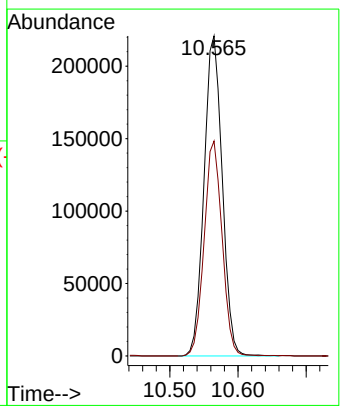


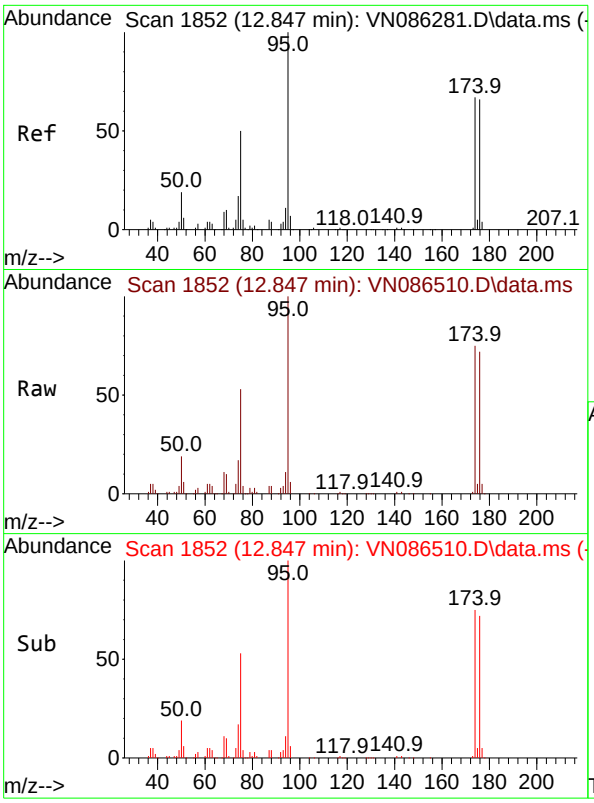


#50
Toluene-d8
Concen: 51.152 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Tgt Ion: 98 Resp: 410428

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.5	78.7



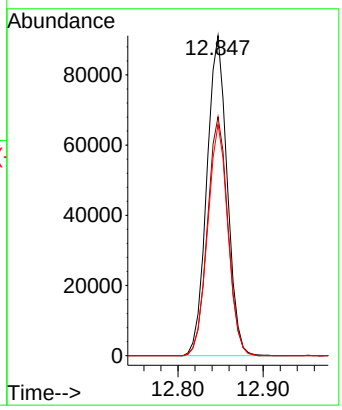


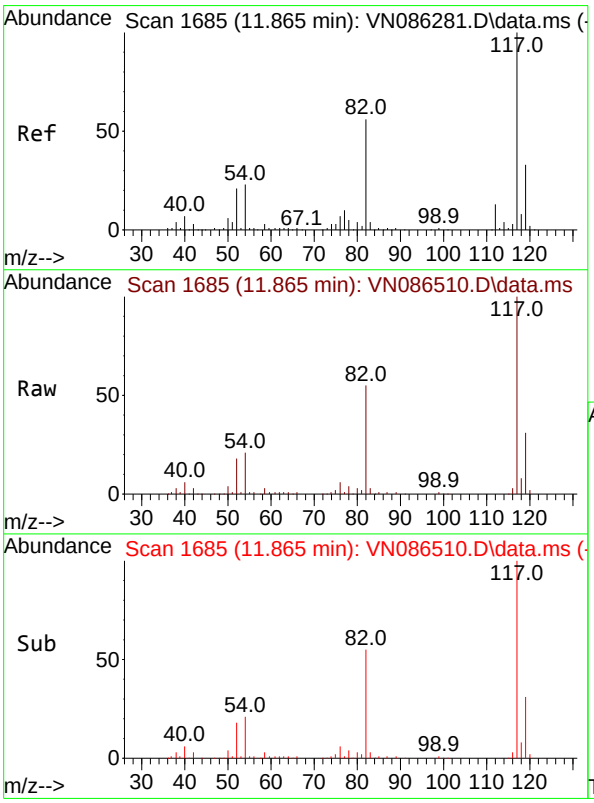
#62
4-Bromofluorobenzene
Concen: 51.624 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
MH-O

Tgt Ion: 95 Resp: 151084

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	133.4
176	72.1	0.0	129.2

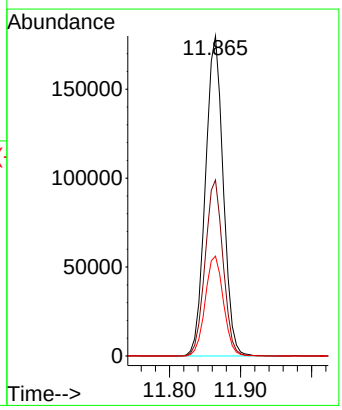


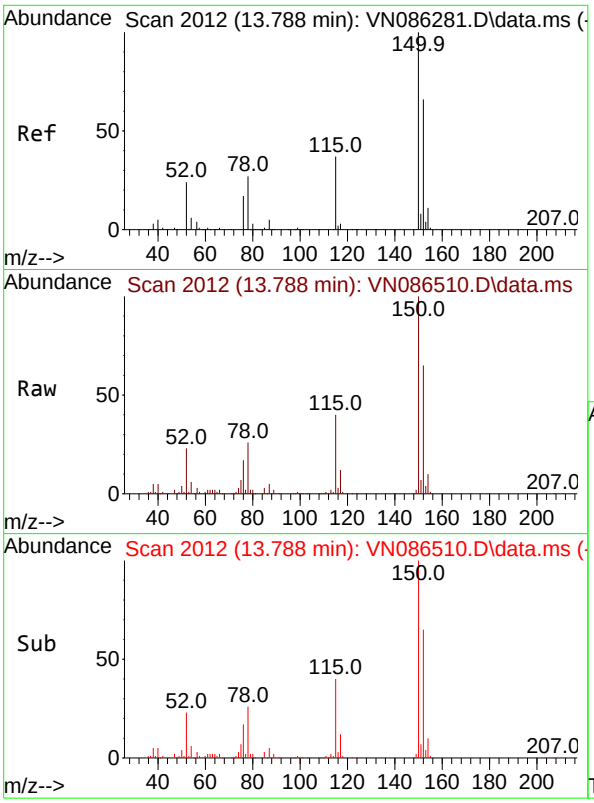


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Tgt Ion:117 Resp: 313188

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.7	67.1
119	31.2	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086510.D
Acq: 06 May 2025 13:22

Instrument :
MSVOA_N
ClientSampleId :
MH-O

Tgt Ion:152 Resp: 139925

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.9	95.9
150	157.9	0.0	352.0