Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086062.D
Acq On : 22 Mar 2025 00:07
Operator : JC\MD
Sample : Q1619-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Quant Time: Mar 22 01:06:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	136258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110936	59.456	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.920%			
35) Dibromofluoromethane	8.165	113	92605	50.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	10.565	98	332573	50.105	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.200%			
62) 4-Bromofluorobenzene	12.847	95	95814	40.477	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 80.960%			
Target Compounds						Qvalue
16) Acetone	4.430	43	29097	51.045	ug/l	94
20) Methylene Chloride	5.283	84	8925	5.352	ug/l	85
25) 2-Butanone	7.494	43	4203	5.110	ug/l	92
43) Isopropyl Acetate	8.688	43	94241	21.407	ug/l #	81

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

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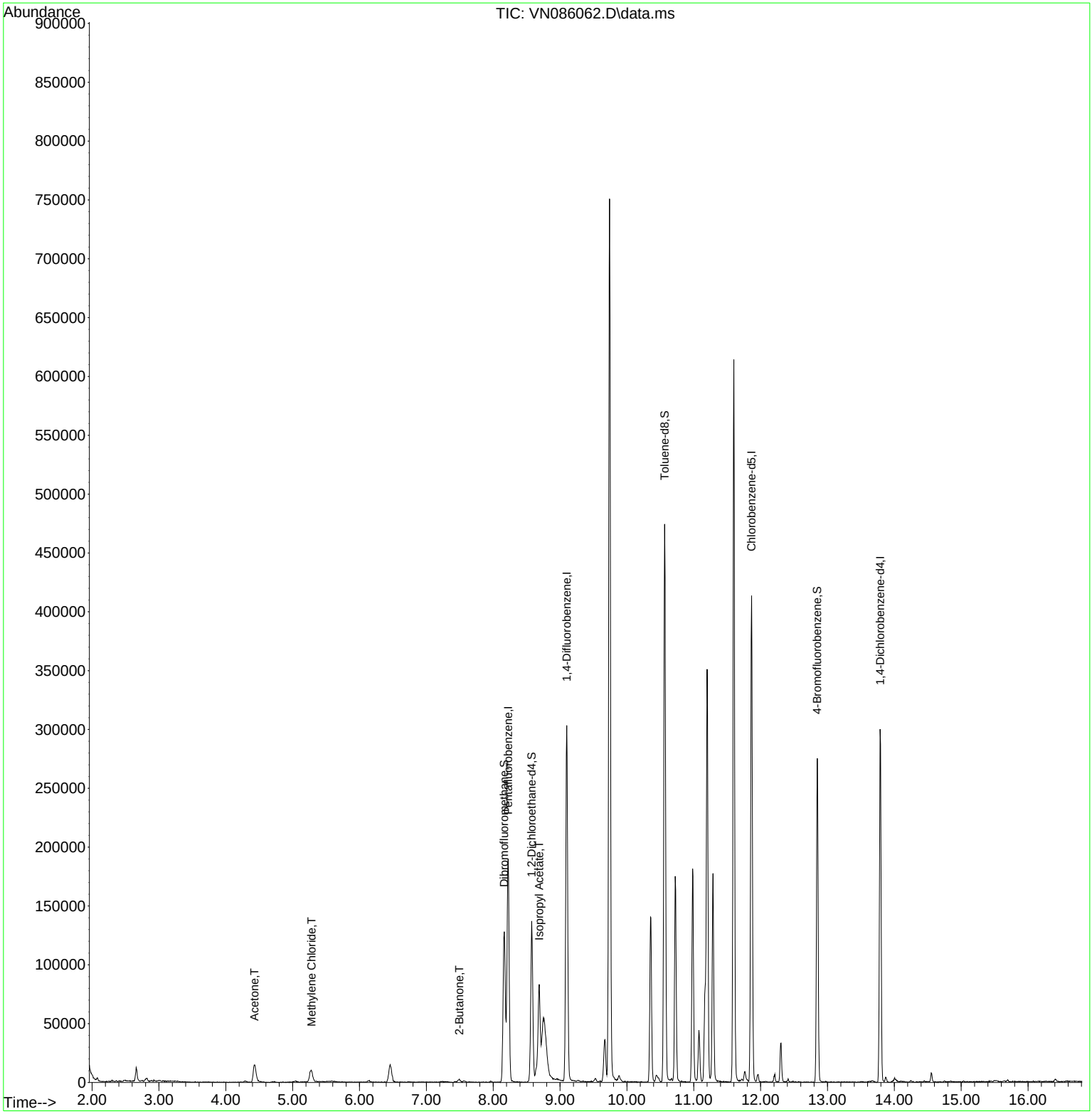
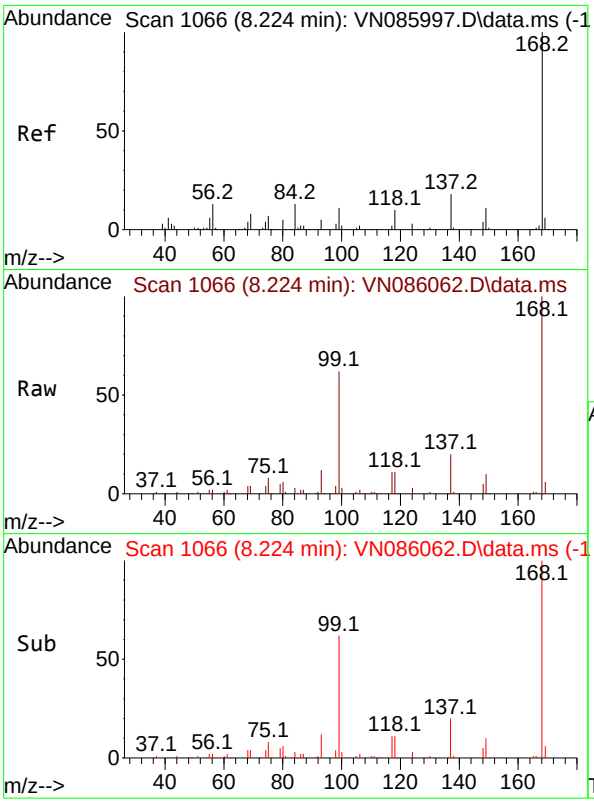


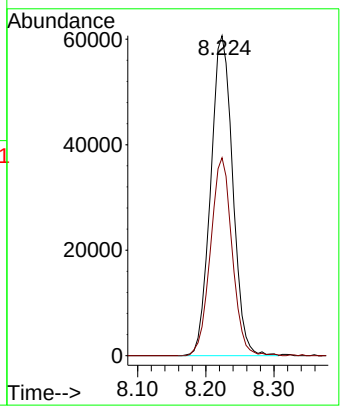


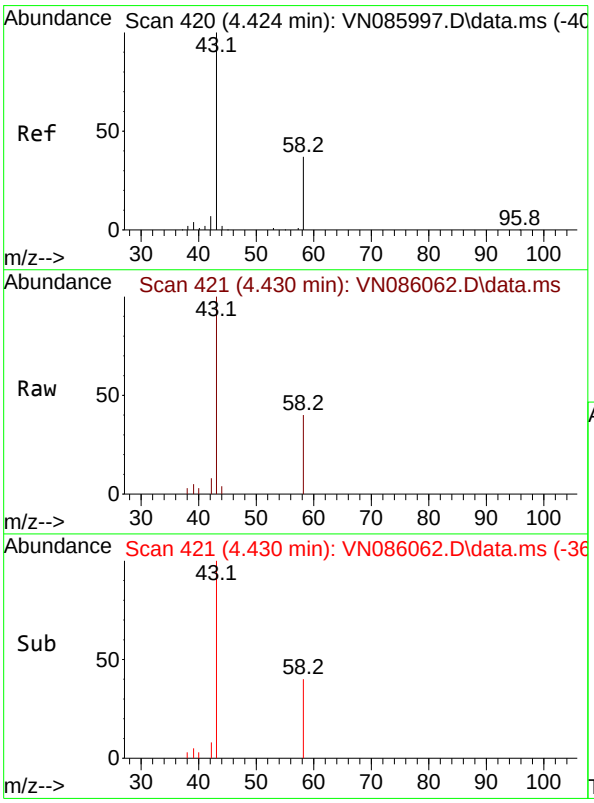
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 136258

Ion	Ratio	Lower	Upper
168	100		
99	61.8	49.4	74.2

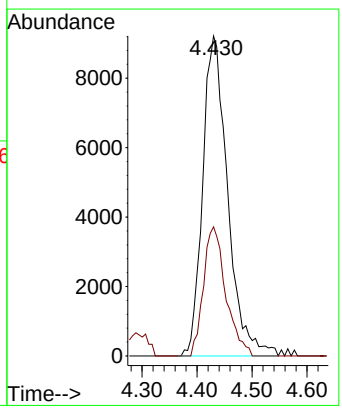


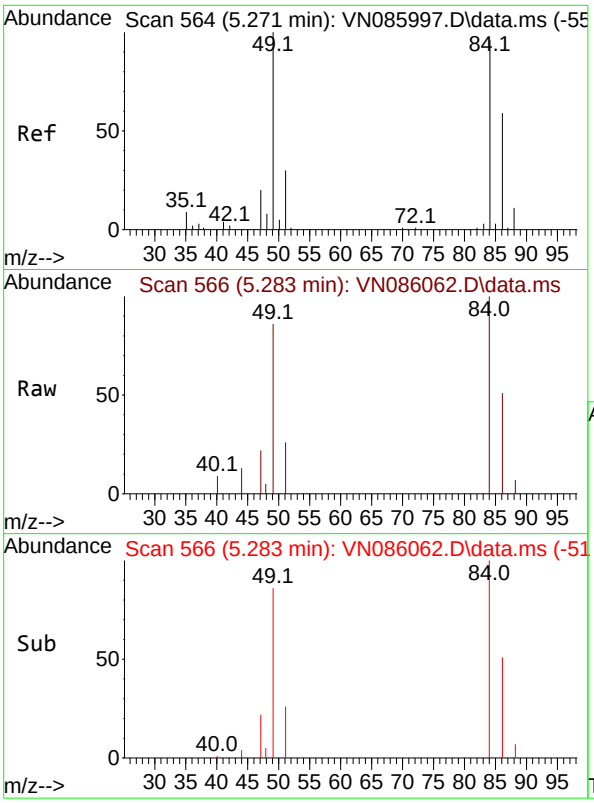


#16
Acetone
Concen: 51.045 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Tgt Ion: 43 Resp: 29097

Ion	Ratio	Lower	Upper
43	100		
58	40.3	29.4	44.2



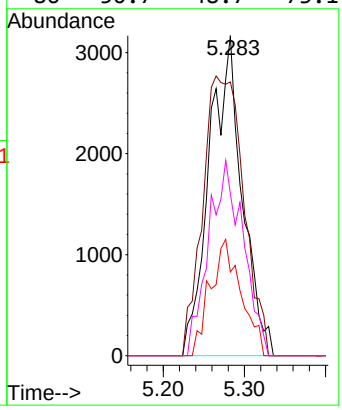


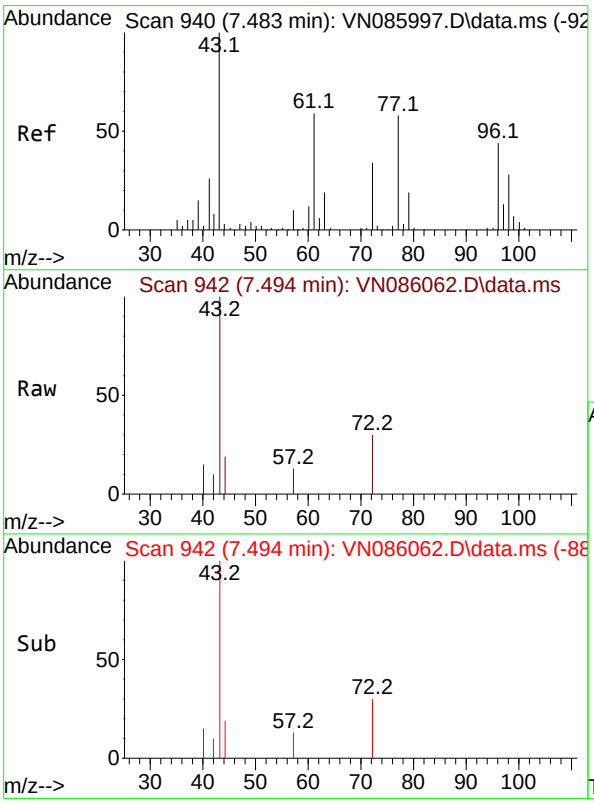
#20
Methylene Chloride
Concen: 5.352 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 8925

Ion	Ratio	Lower	Upper
84	100		
49	85.5	83.3	124.9
51	26.1	24.8	37.2
86	50.7	48.7	73.1

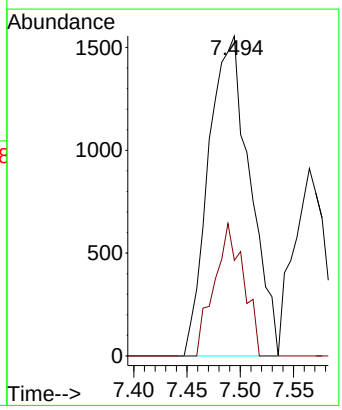


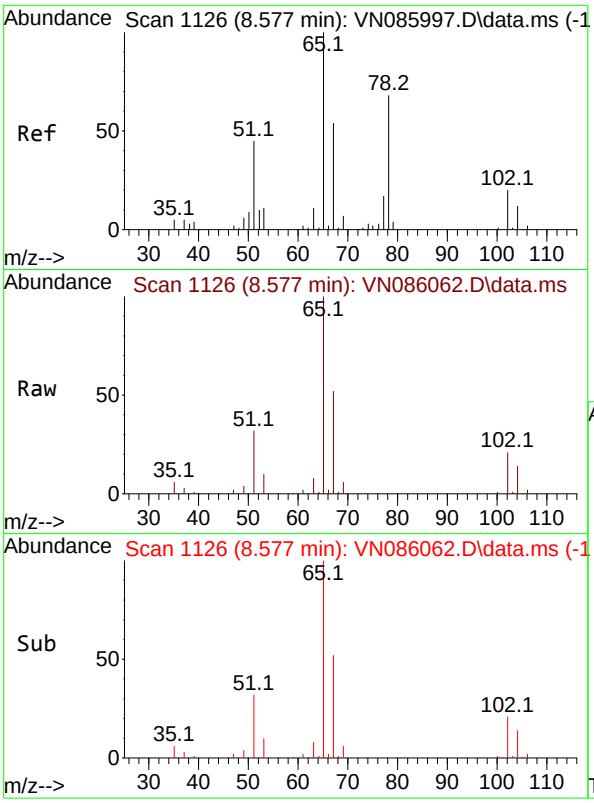


#25
2-Butanone
Concen: 5.110 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Tgt Ion: 43 Resp: 4203

Ion	Ratio	Lower	Upper
43	100		
72	29.9	27.4	41.0



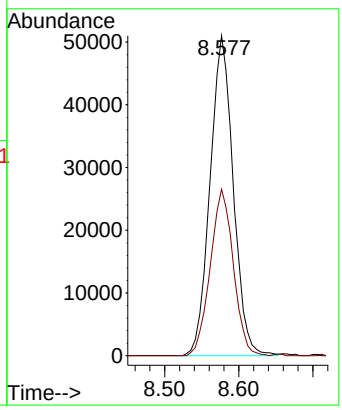


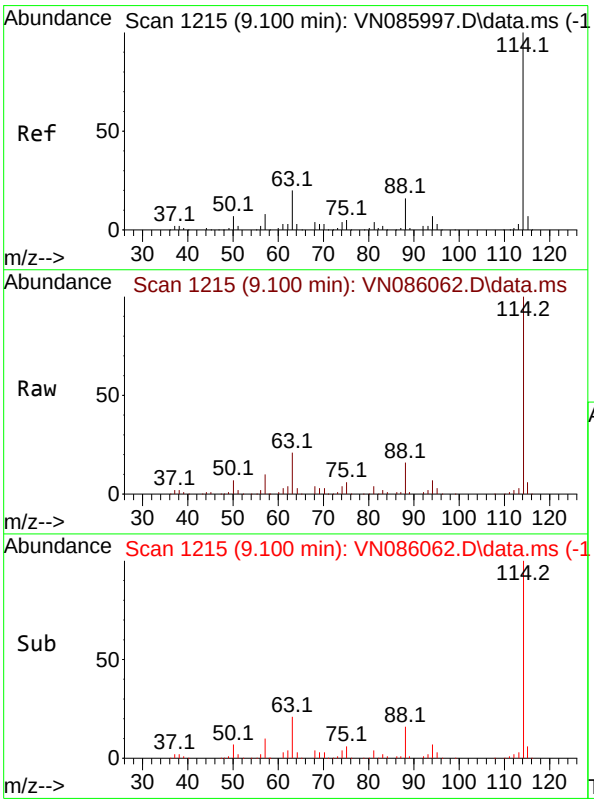
#33
1,2-Dichloroethane-d4
Concen: 59.456 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 65 Resp: 110936

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.2

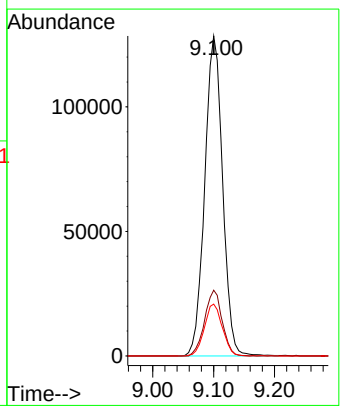


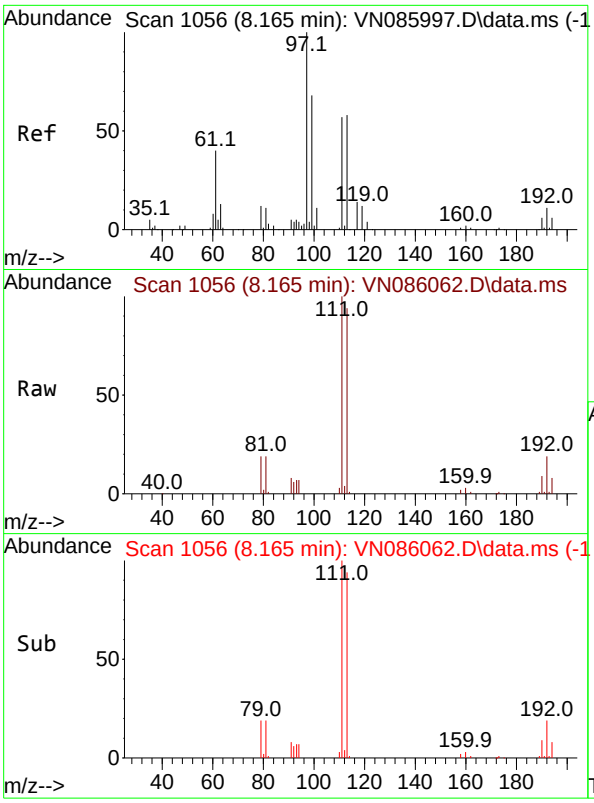


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Tgt Ion:114 Resp: 262021

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.6
88	16.2	0.0	32.6



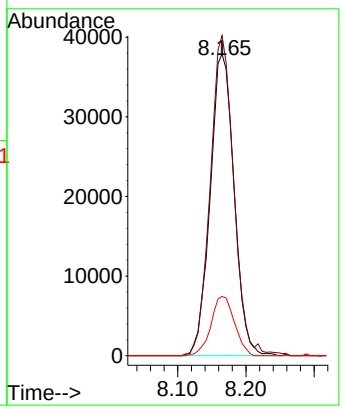


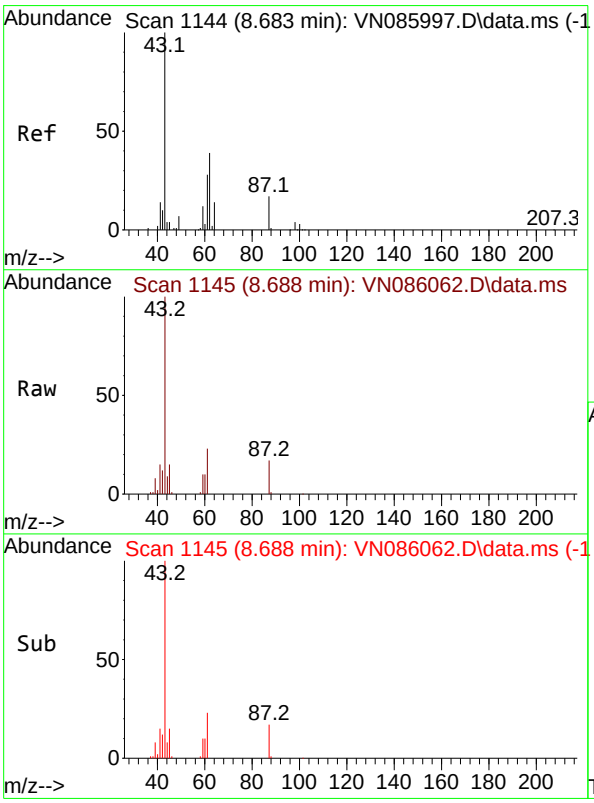
#35
Dibromofluoromethane
Concen: 50.635 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:113 Resp: 92605

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.8
192	19.3	15.9	23.9

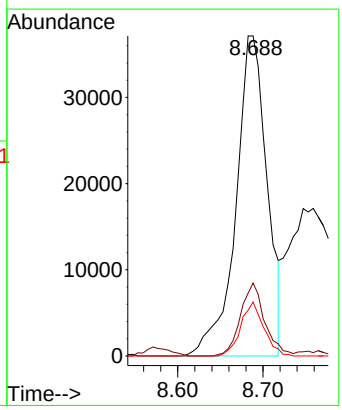


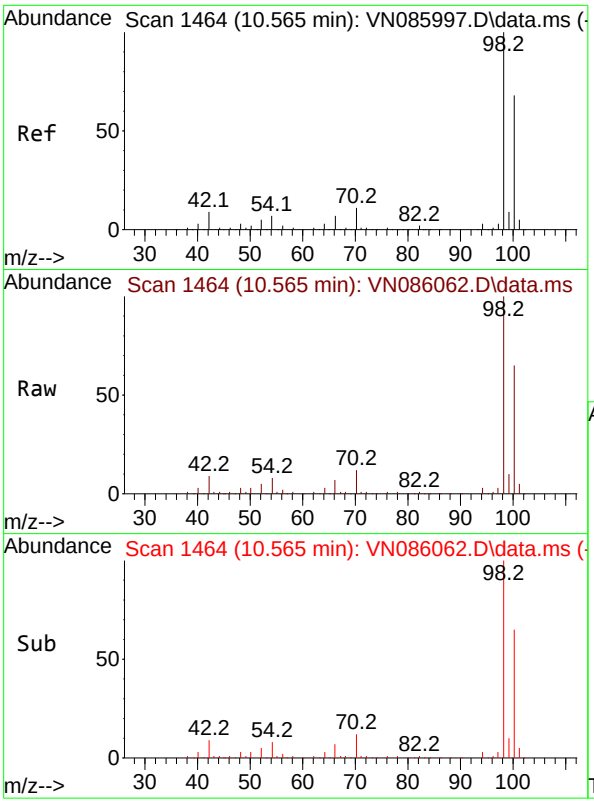


#43
Isopropyl Acetate
Concen: 21.407 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Tgt Ion: 43 Resp: 94241

Ion	Ratio	Lower	Upper
43	100		
61	17.8	25.0	37.6#
87	12.5	13.0	19.4#



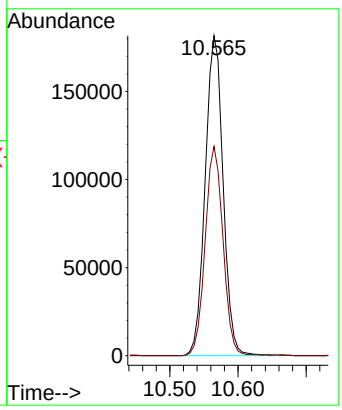


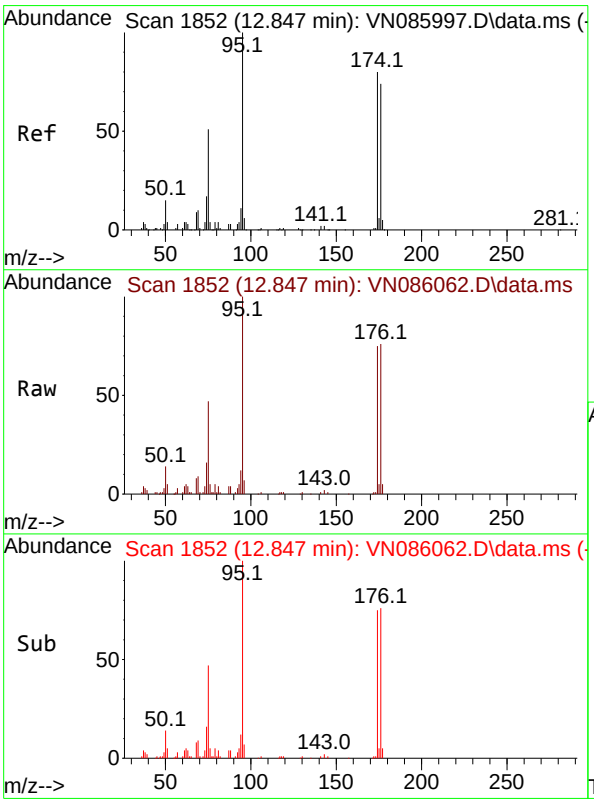
#50
Toluene-d8
Concen: 50.105 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 98 Resp: 332573

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.1	79.7

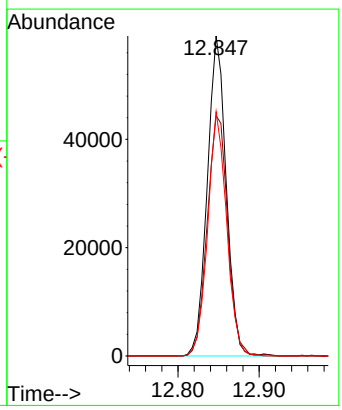


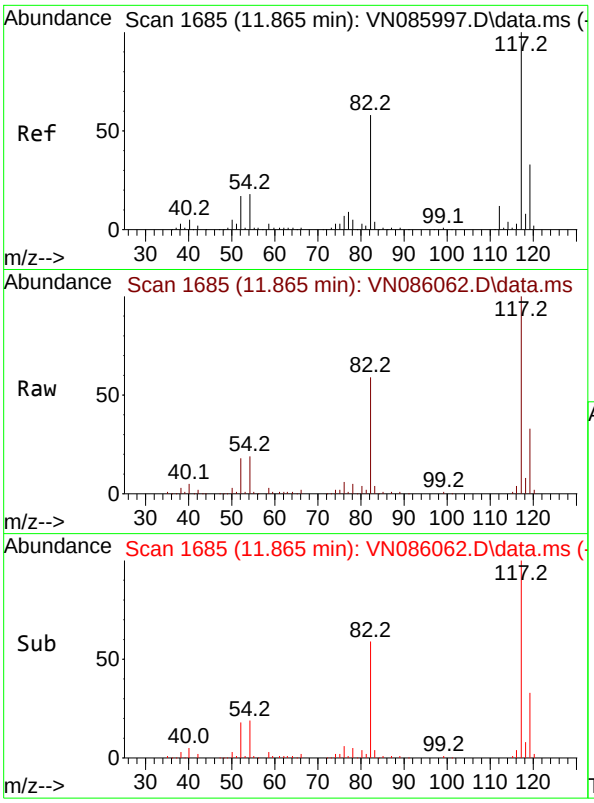


#62
4-Bromofluorobenzene
Concen: 40.477 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Tgt Ion: 95 Resp: 95814

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	156.8
176	75.9	0.0	152.2



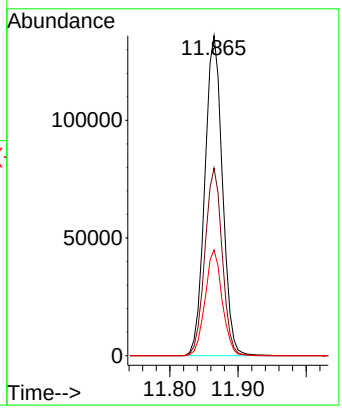


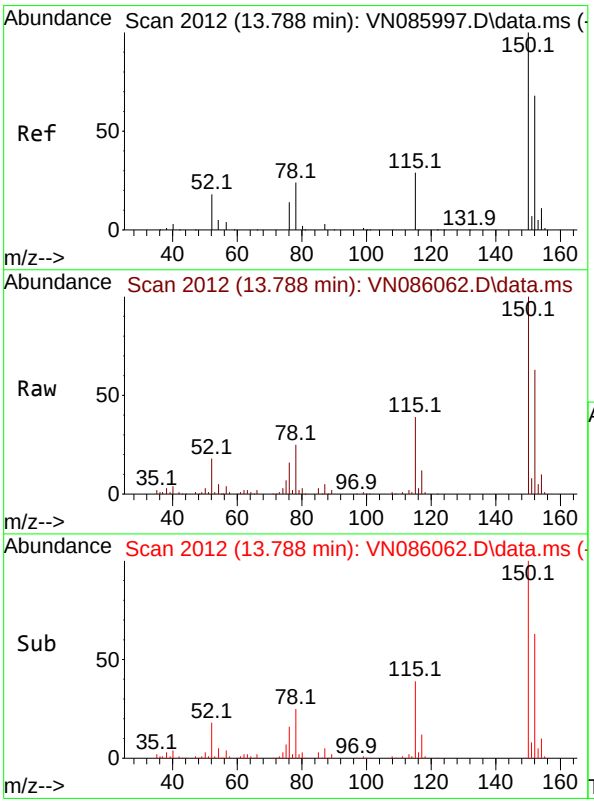
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 244206

Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.7	70.1
119	33.1	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086062.D
Acq: 22 Mar 2025 00:07

Tgt Ion:152 Resp: 86621

Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.1	93.2
150	157.2	0.0	359.6