Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
Data File : VN086079.D
Acq On : 24 Mar 2025 18:01
Operator : JC\MD
Sample : Q1619-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Quant Time: Mar 25 01:28:47 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	8.218	168	300803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	542226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	509171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	228374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	200858	48.764	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.520%		
35) Dibromofluoromethane	8.165	113	176990	46.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	10.565	98	679414	49.463	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.847	95	233717	47.711	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.420%		
Target Compounds						Qvalue
16) Acetone	4.424	43	54856	43.592	ug/l	92
20) Methylene Chloride	5.271	84	17685	4.804	ug/l	97
25) 2-Butanone	7.483	43	9371	5.161	ug/l	92
43) Isopropyl Acetate	8.688	43	152942	16.788	ug/l #	86

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

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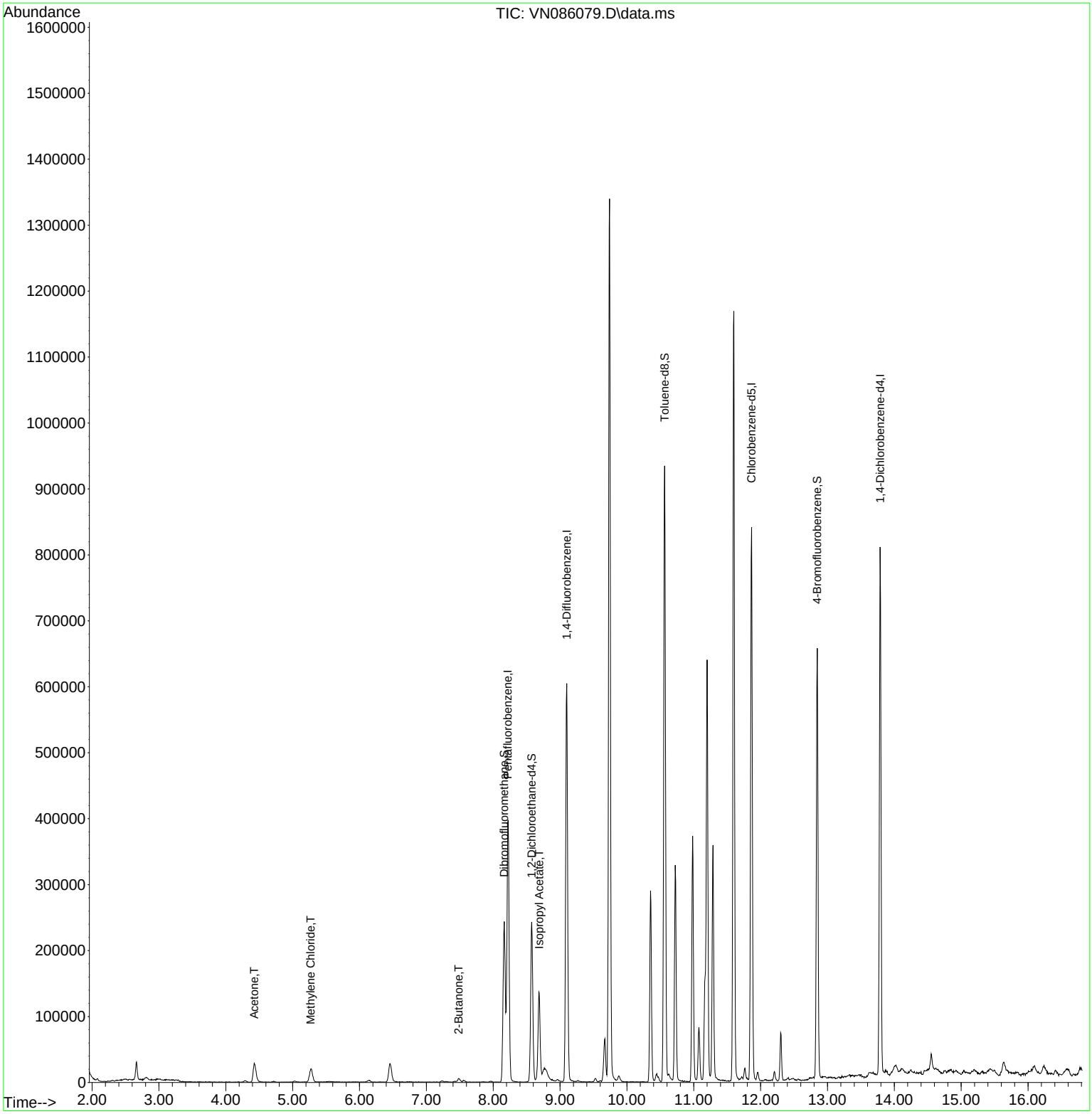
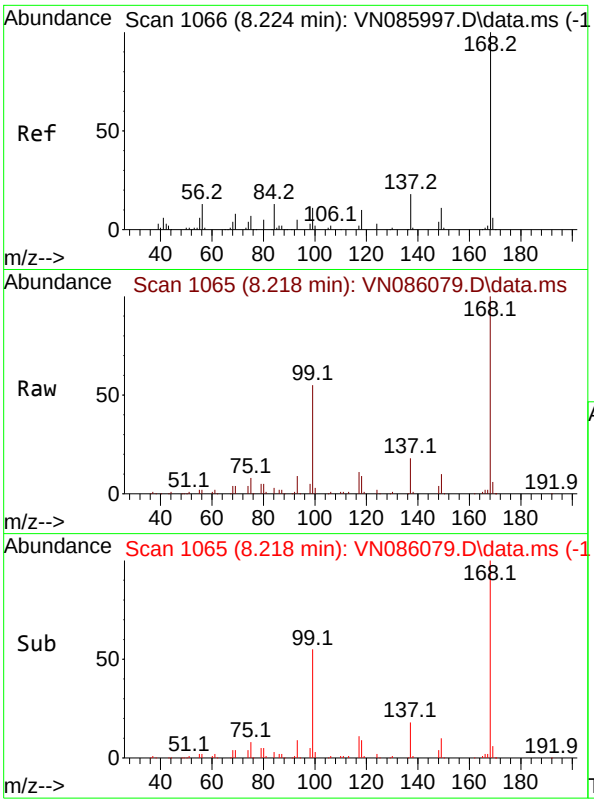


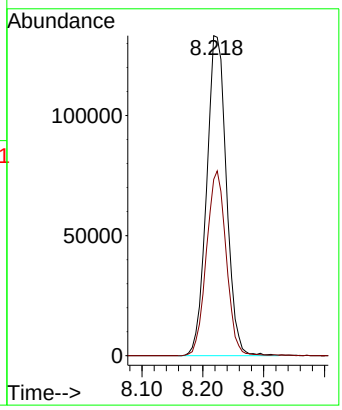


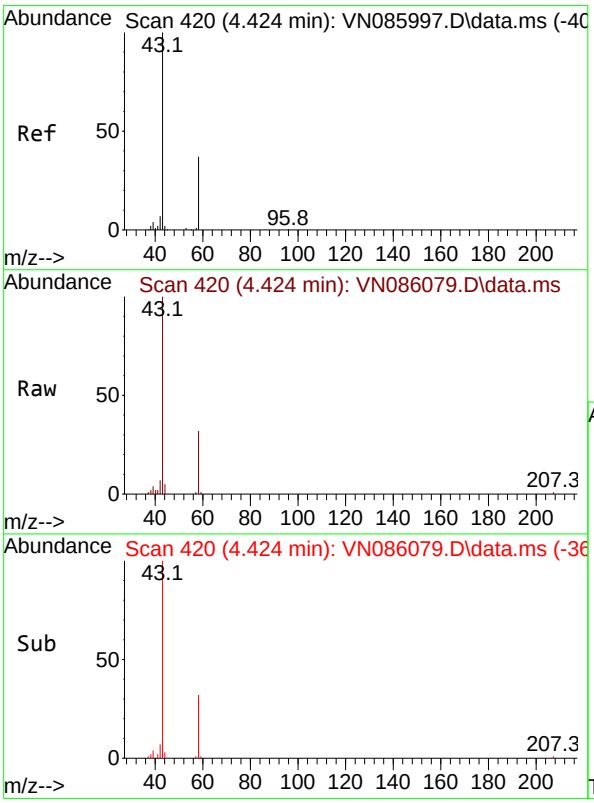
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 300803

Ion	Ratio	Lower	Upper
168	100		
99	55.1	49.4	74.2

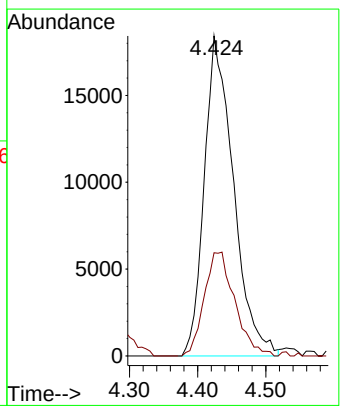


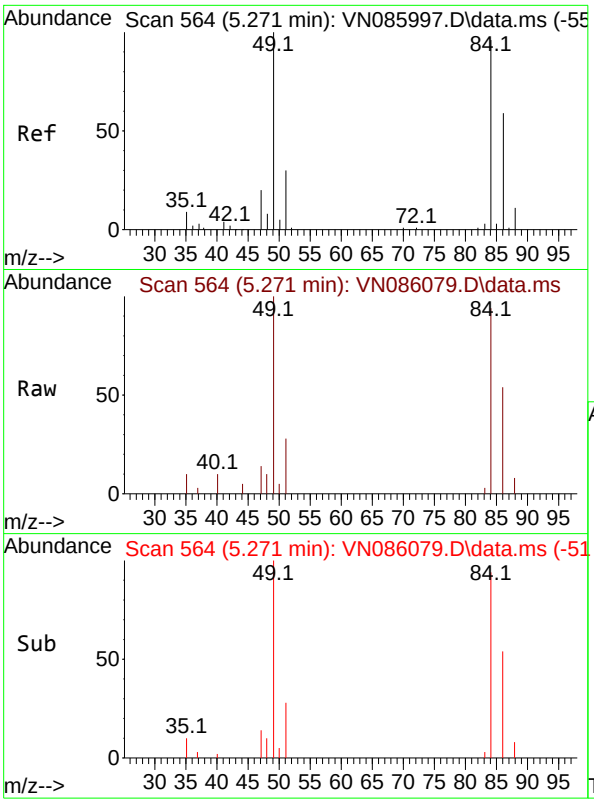


#16
Acetone
Concen: 43.592 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Tgt Ion: 43 Resp: 54856

Ion	Ratio	Lower	Upper
43	100		
58	32.3	29.4	44.2



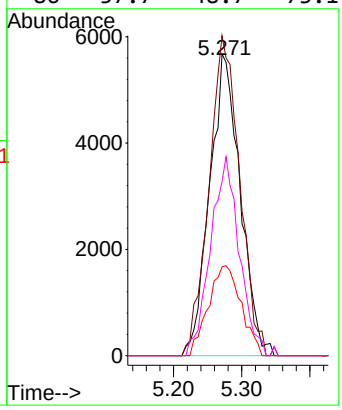


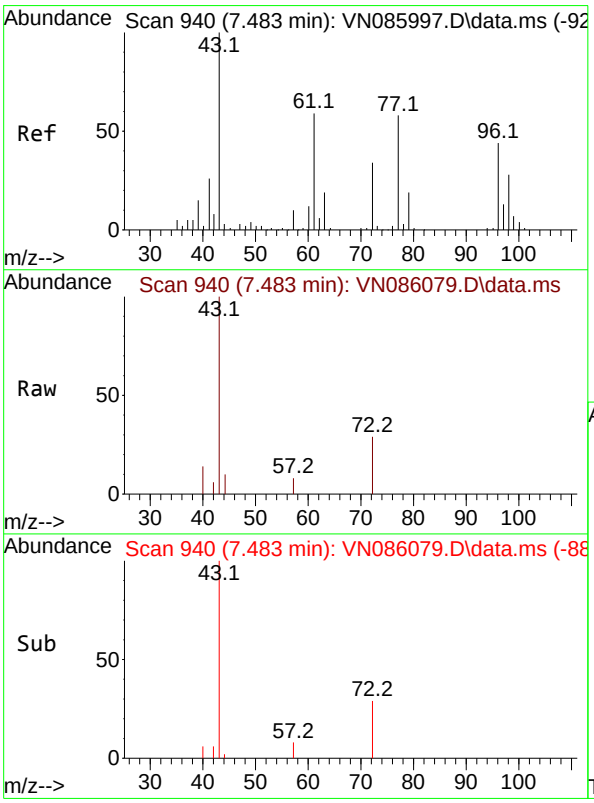
#20
Methylene Chloride
Concen: 4.804 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 84 Resp: 17685

Ion	Ratio	Lower	Upper
84	100		
49	106.1	83.3	124.9
51	29.5	24.8	37.2
86	57.7	48.7	73.1

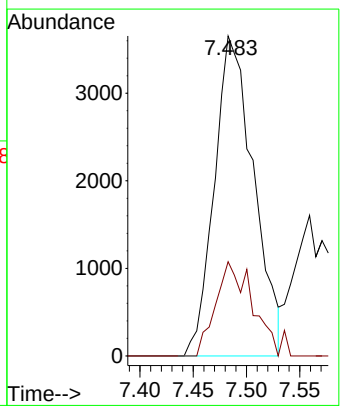


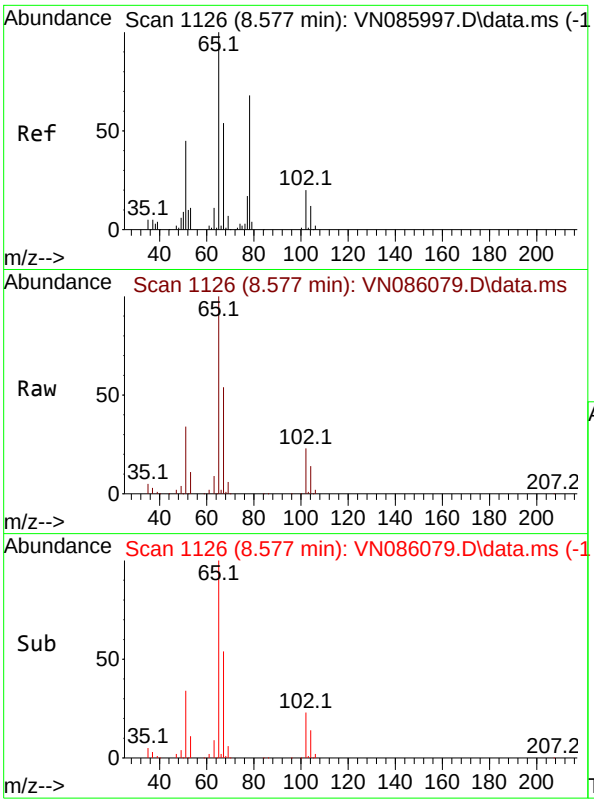


#25
2-Butanone
Concen: 5.161 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Tgt Ion: 43 Resp: 9371

Ion	Ratio	Lower	Upper
43	100		
72	29.4	27.4	41.0



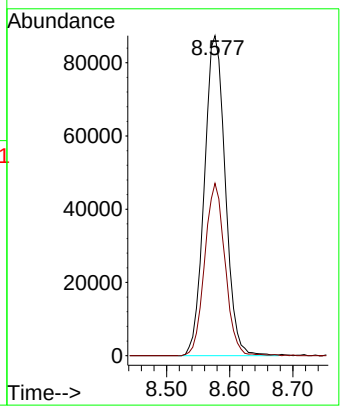


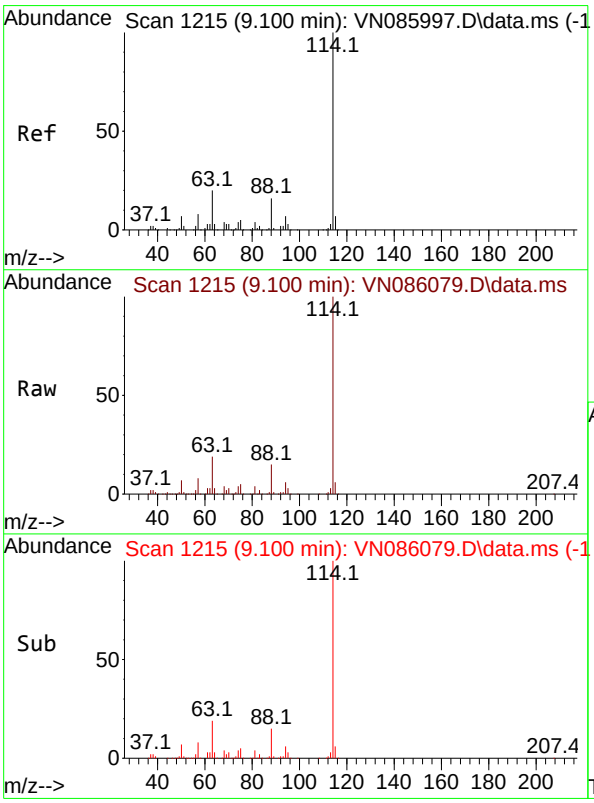
#33
1,2-Dichloroethane-d4
Concen: 48.764 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 65 Resp: 200858

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.2

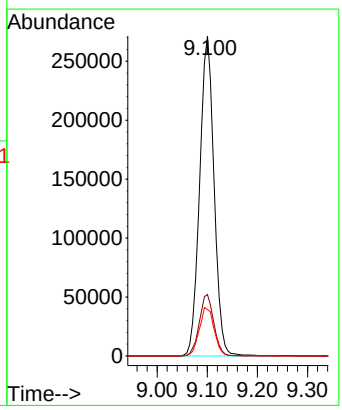


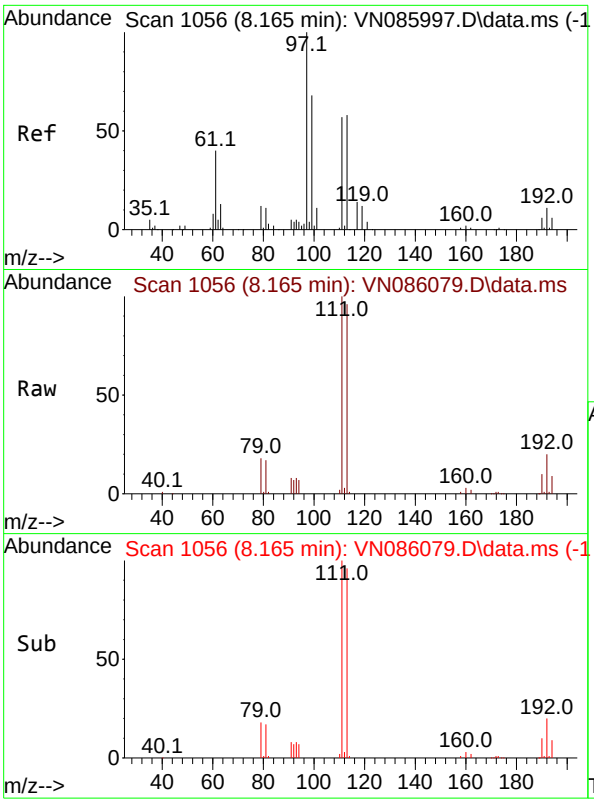


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Tgt Ion:114 Resp: 542226

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.6
88	14.5	0.0	32.6



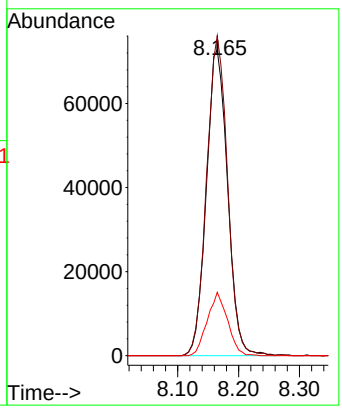


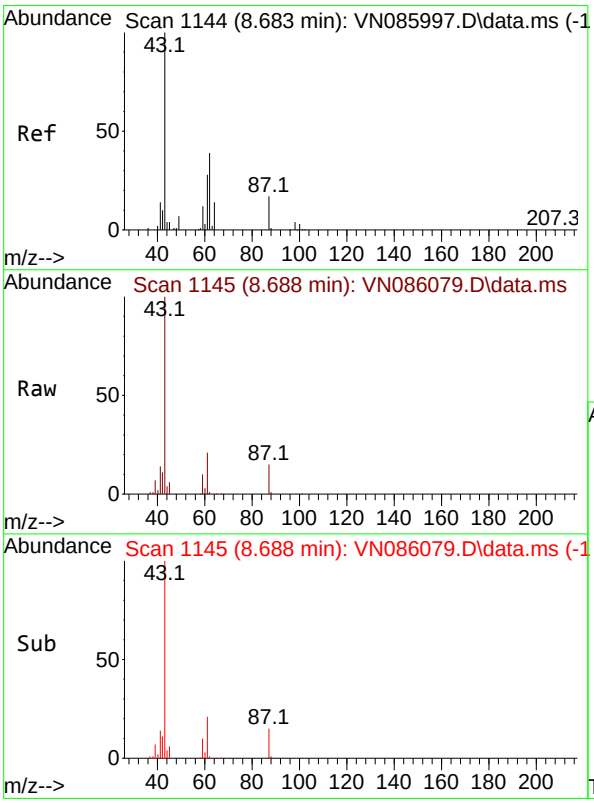
#35
Dibromofluoromethane
Concen: 46.765 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:113 Resp: 176990

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	19.7	15.9	23.9

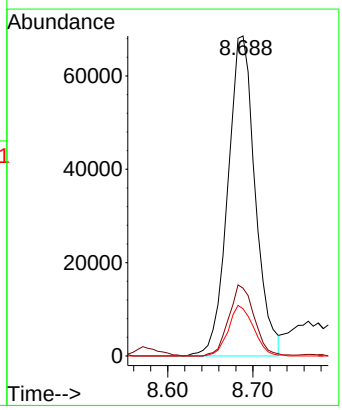


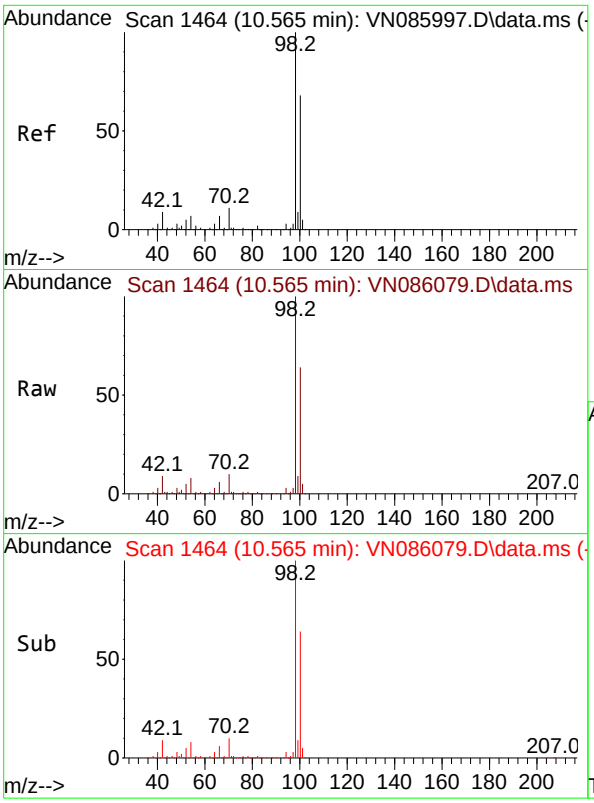


#43
Isopropyl Acetate
Concen: 16.788 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Tgt Ion: 43 Resp: 152942

Ion	Ratio	Lower	Upper
43	100		
61	20.7	25.0	37.6#
87	14.5	13.0	19.4



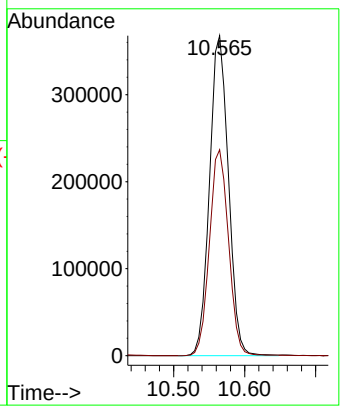


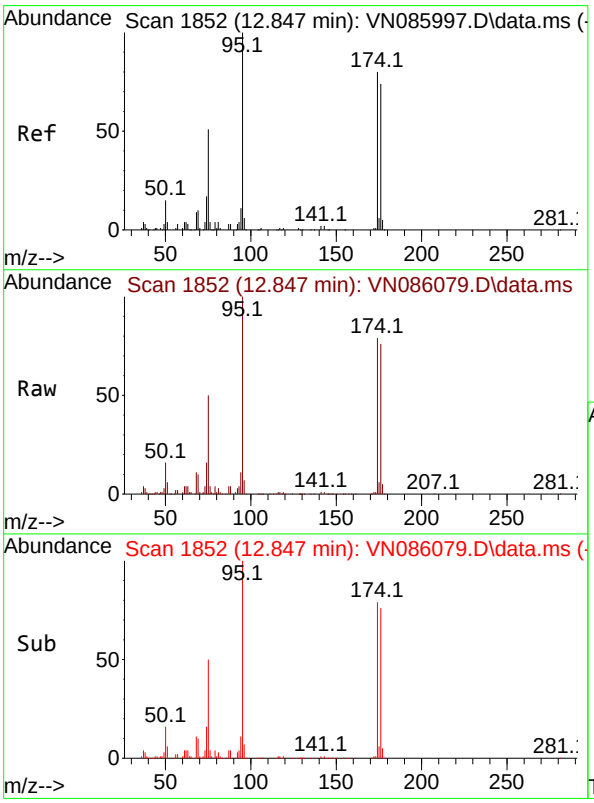
#50
Toluene-d8
Concen: 49.463 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 98 Resp: 679414

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.1	79.7

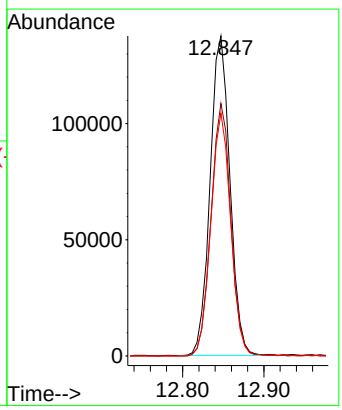


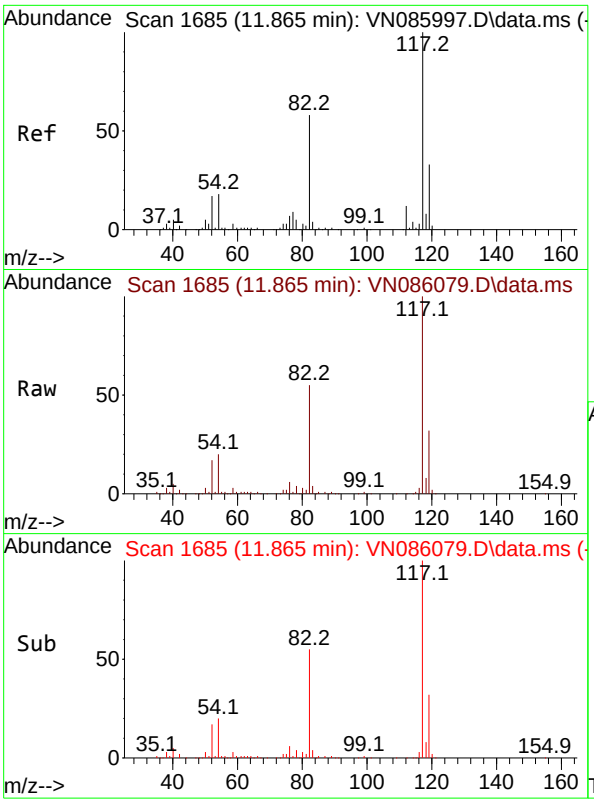


#62
4-Bromofluorobenzene
Concen: 47.711 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Tgt Ion: 95 Resp: 233717

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	156.8
176	75.8	0.0	152.2



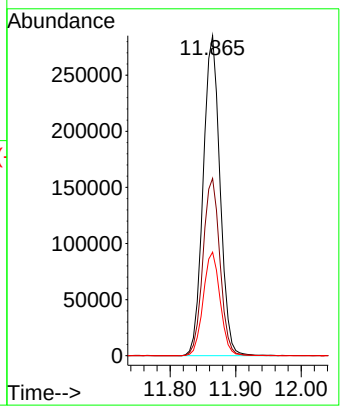


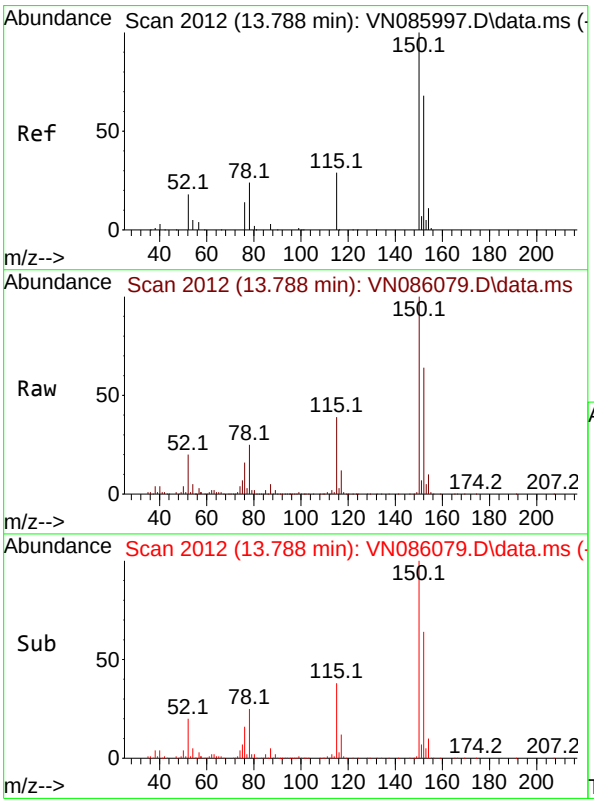
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086079.D
Acq: 24 Mar 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 509171

Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.7	70.1
119	32.4	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: VN086079.D
Acq: 24 Mar 2025 18:01

Tgt Ion:152 Resp: 228374

Ion	Ratio	Lower	Upper
152	100		
115	59.6	31.1	93.2
150	154.7	0.0	359.6