Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
Data File : VN086185.D
Acq On : 31 Mar 2025 21:28
Operator : JC\MD
Sample : Q1674-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
72-11991

Quant Time: Apr 01 05:29:47 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	8.224	168	162466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131716	59.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.420%			
35) Dibromofluoromethane	8.165	113	118459	51.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.720%			
50) Toluene-d8	10.565	98	410386	49.499	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.000%			
62) 4-Bromofluorobenzene	12.847	95	119451	40.399	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 80.800%			
Target Compounds						Qvalue
16) Acetone	4.430	43	56049	82.465	ug/l	99
20) Methylene Chloride	5.277	84	104784	52.700	ug/l	97
25) 2-Butanone	7.482	43	5195	5.297	ug/l	97
43) Isopropyl Acetate	8.688	43	50261	9.140	ug/l #	58

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

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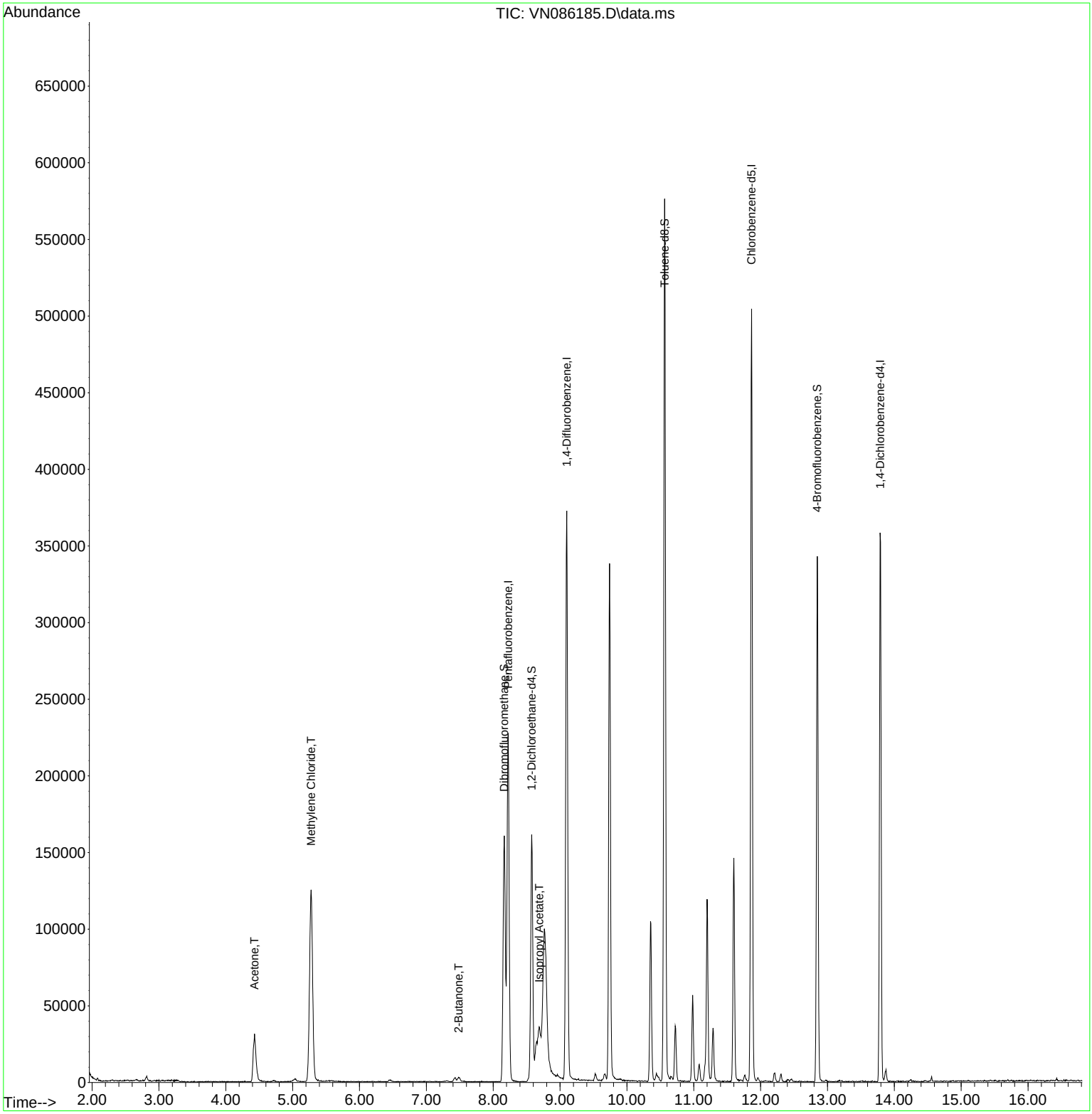
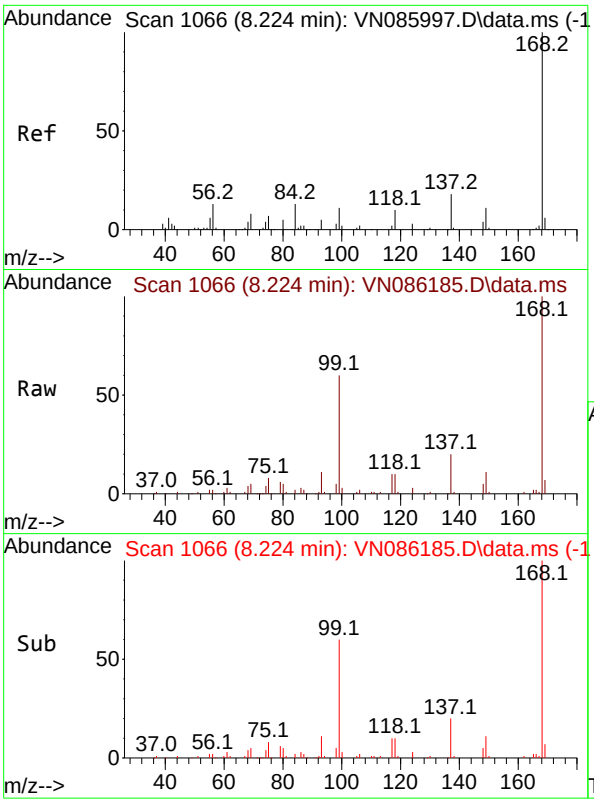


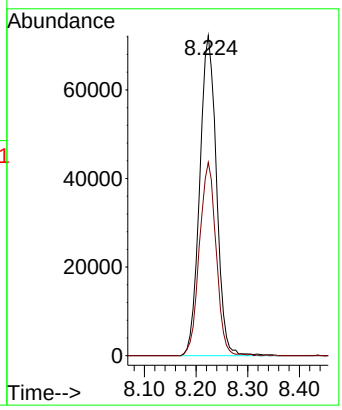


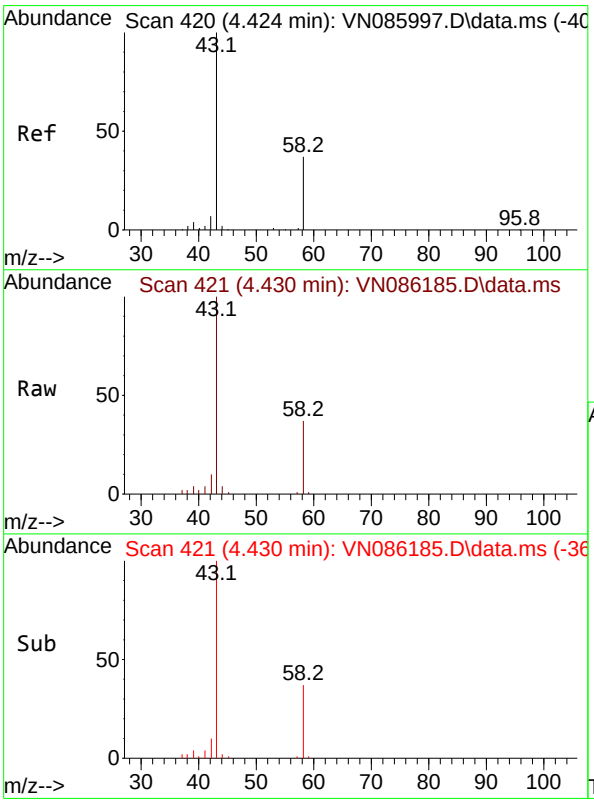
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
72-11991

Tgt Ion:168 Resp: 162466

Ion	Ratio	Lower	Upper
168	100		
99	60.4	49.4	74.2

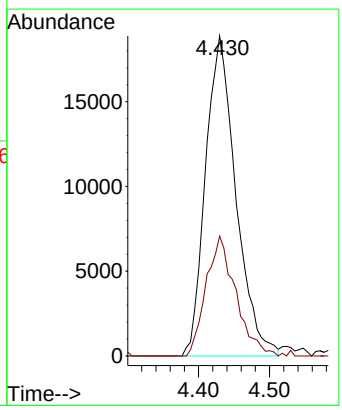


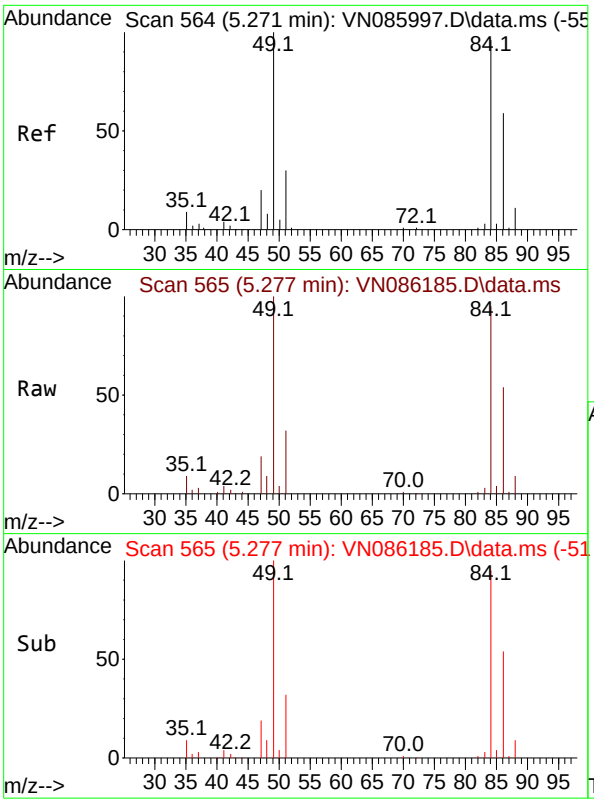


#16
Acetone
Concen: 82.465 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Tgt Ion: 43 Resp: 56049

Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.4	44.2



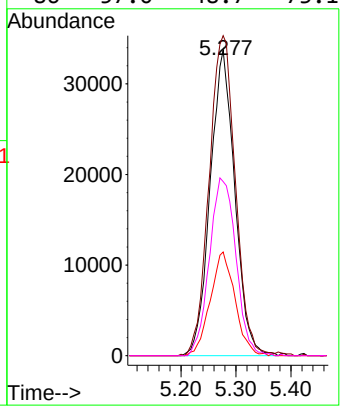


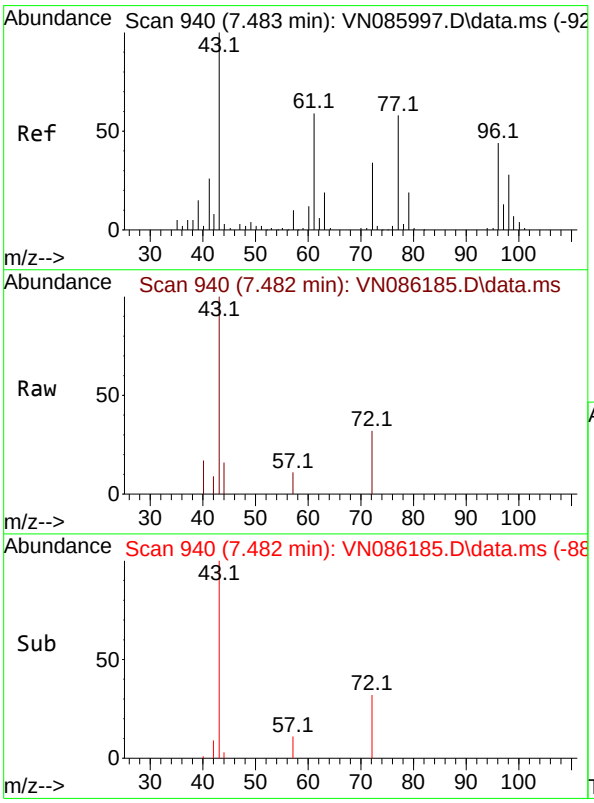
#20
Methylene Chloride
Concen: 52.700 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
72-11991

Tgt Ion: 84 Resp: 104784

Ion	Ratio	Lower	Upper
84	100		
49	104.7	83.3	124.9
51	33.9	24.8	37.2
86	57.0	48.7	73.1

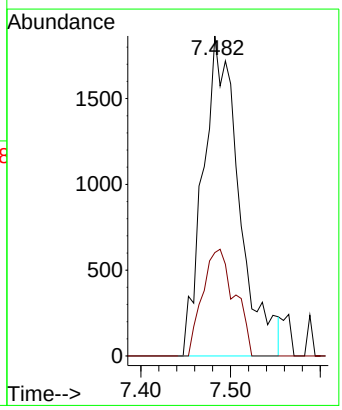


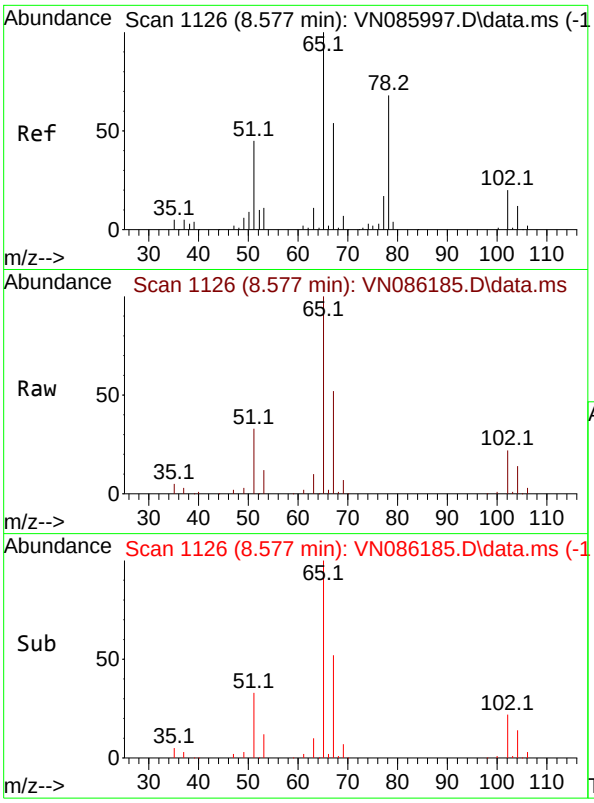


#25
2-Butanone
Concen: 5.297 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Tgt Ion: 43 Resp: 5195

Ion	Ratio	Lower	Upper
43	100		
72	32.3	27.4	41.0



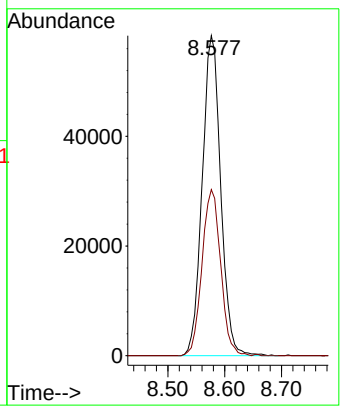


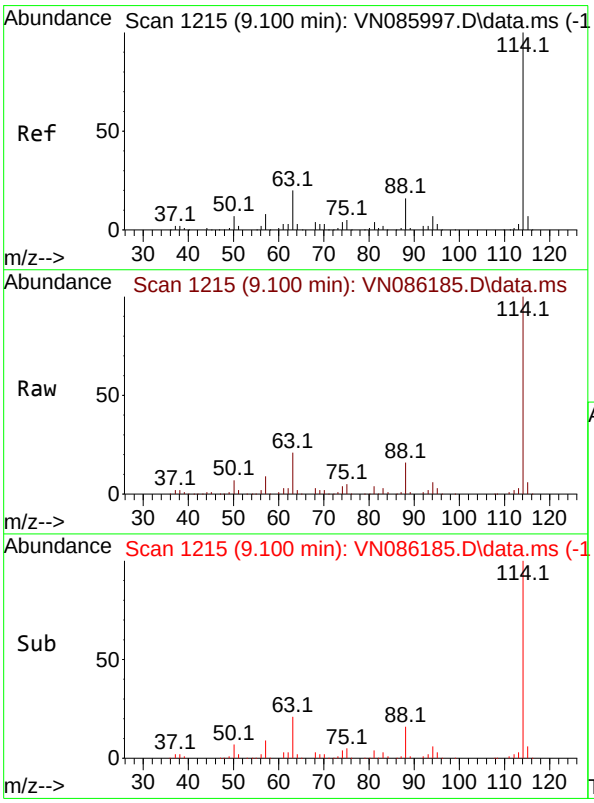
#33
1,2-Dichloroethane-d4
Concen: 59.206 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
72-11991

Tgt Ion: 65 Resp: 131716

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.2

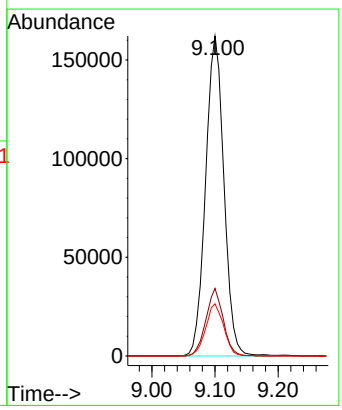


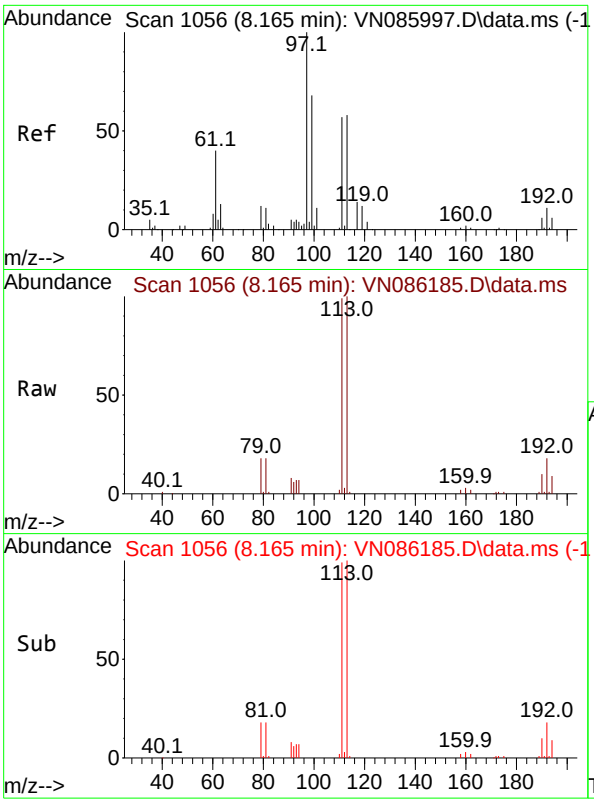


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Tgt Ion:114 Resp: 327287

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.6
88	16.3	0.0	32.6



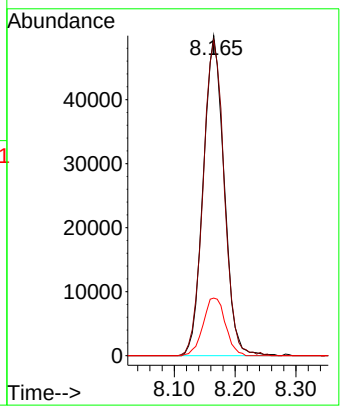


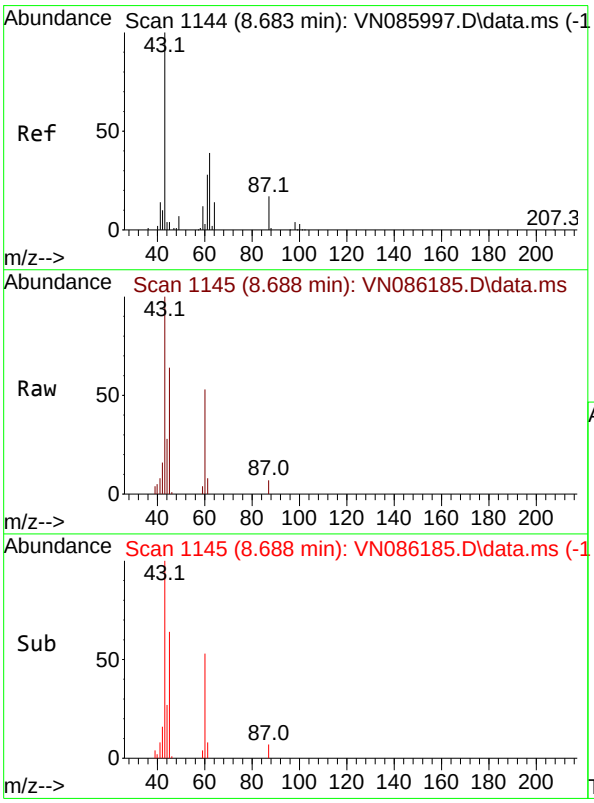
#35
Dibromofluoromethane
Concen: 51.855 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
72-11991

Tgt Ion:113 Resp: 118459

Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.8	122.8
192	19.3	15.9	23.9

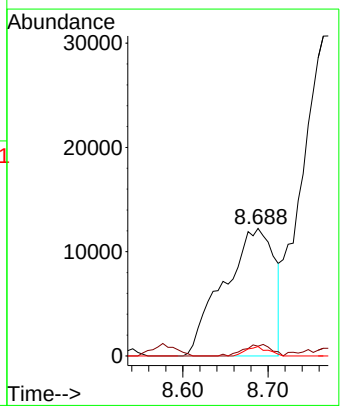


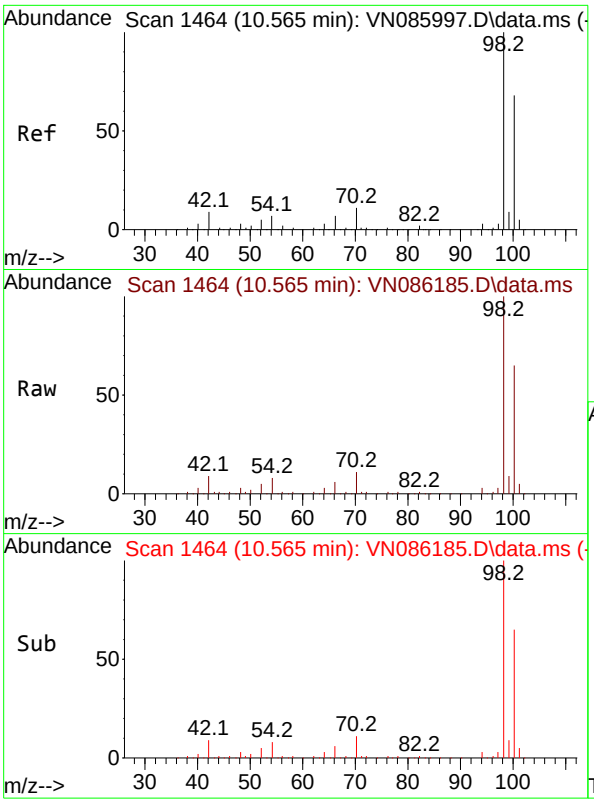


#43
Isopropyl Acetate
Concen: 9.140 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Tgt Ion: 43 Resp: 50261

Ion	Ratio	Lower	Upper
43	100		
61	4.9	25.0	37.6#
87	3.2	13.0	19.4#



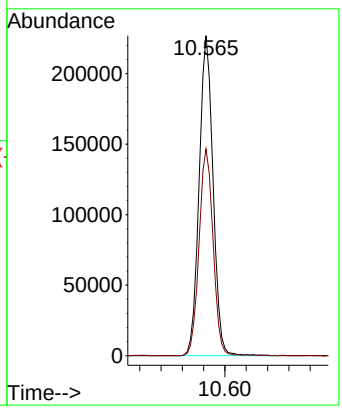


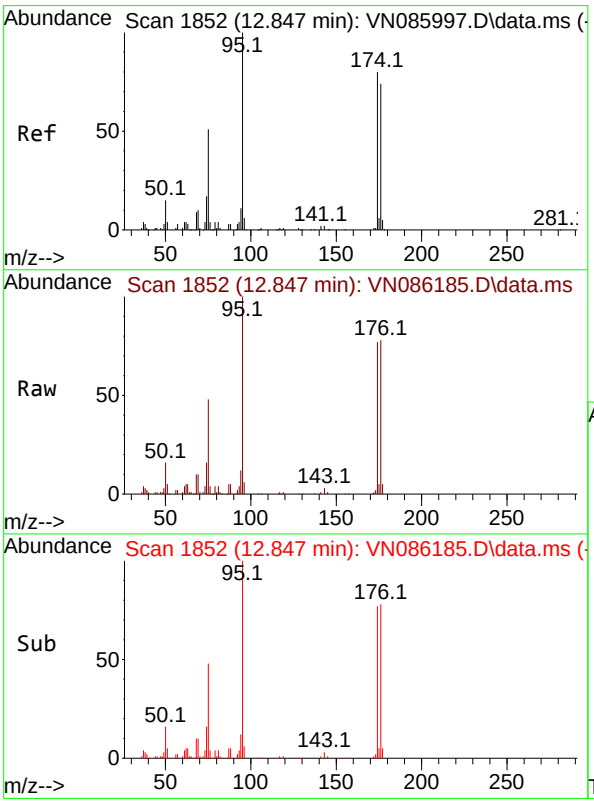
#50
Toluene-d8
Concen: 49.499 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
72-11991

Tgt Ion: 98 Resp: 410386

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.1	79.7

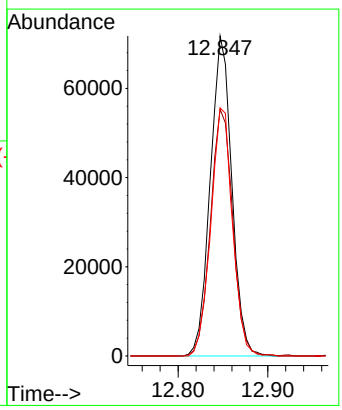


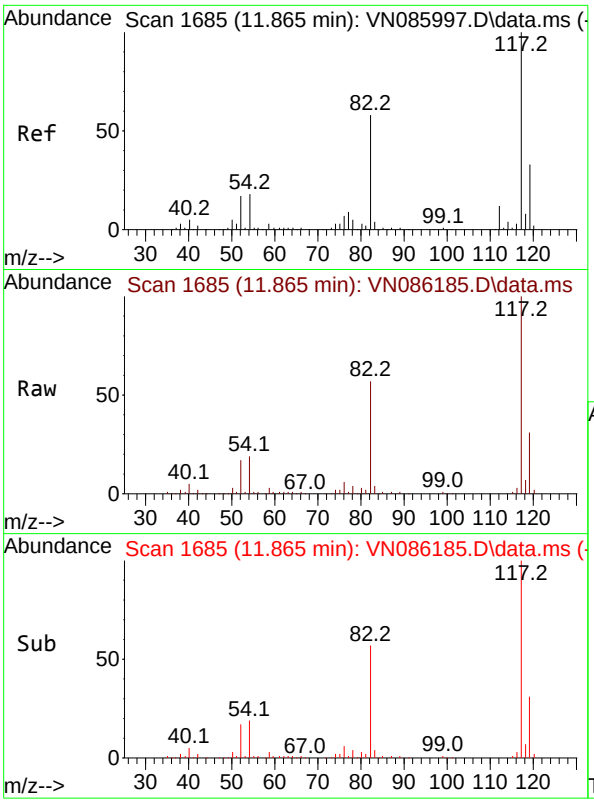


#62
4-Bromofluorobenzene
Concen: 40.399 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Tgt Ion: 95 Resp: 119451

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	156.8
176	78.2	0.0	152.2



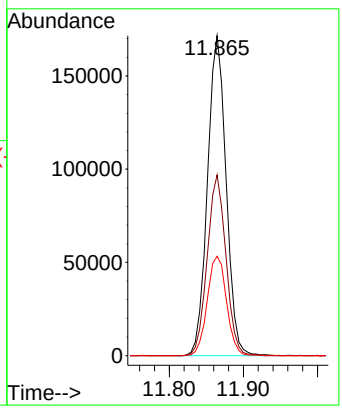


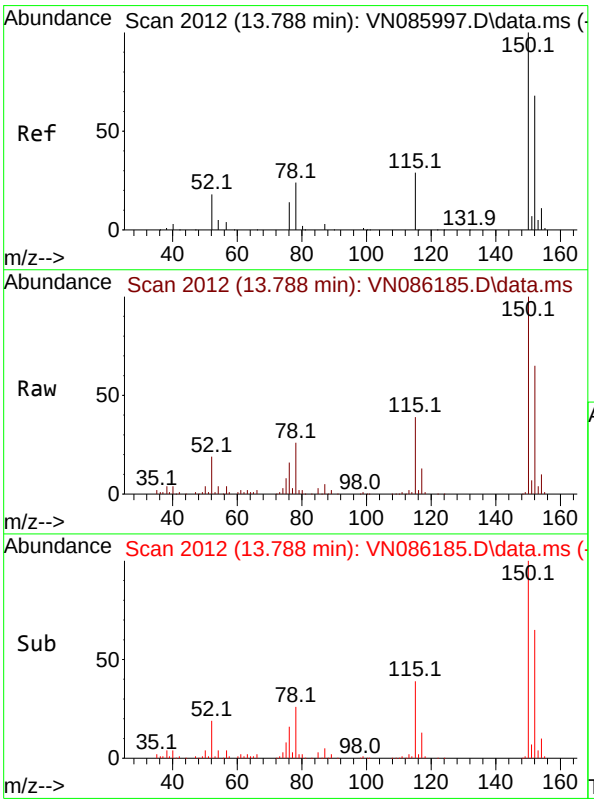
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086185.D
Acq: 31 Mar 2025 21:28

Instrument :
MSVOA_N
ClientSampleId :
72-11991

Tgt Ion:117 Resp: 299534

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.7	70.1
119	31.0	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: VN086185.D
Acq: 31 Mar 2025 21:28

Tgt Ion:152 Resp: 105464

Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.1	93.2
150	157.7	0.0	359.6