Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
Data File : VN086137.D
Acq On : 26 Mar 2025 19:36
Operator : JC\MD
Sample : Q1636-20
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-5

Quant Time: Mar 27 01:45:22 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	192913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	357409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145147	54.946	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.900%			
35) Dibromofluoromethane	8.165	113	124371	49.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.700%			
50) Toluene-d8	10.565	98	466852	51.564	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.847	95	154380	47.812	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.620%			
Target Compounds						Qvalue
16) Acetone	4.430	43	101866	126.221	ug/l	98
20) Methylene Chloride	5.283	84	6007	2.544	ug/l	97
25) 2-Butanone	7.483	43	13111	11.259	ug/l	100
43) Isopropyl Acetate	8.683	43	40863	6.805	ug/l #	68

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

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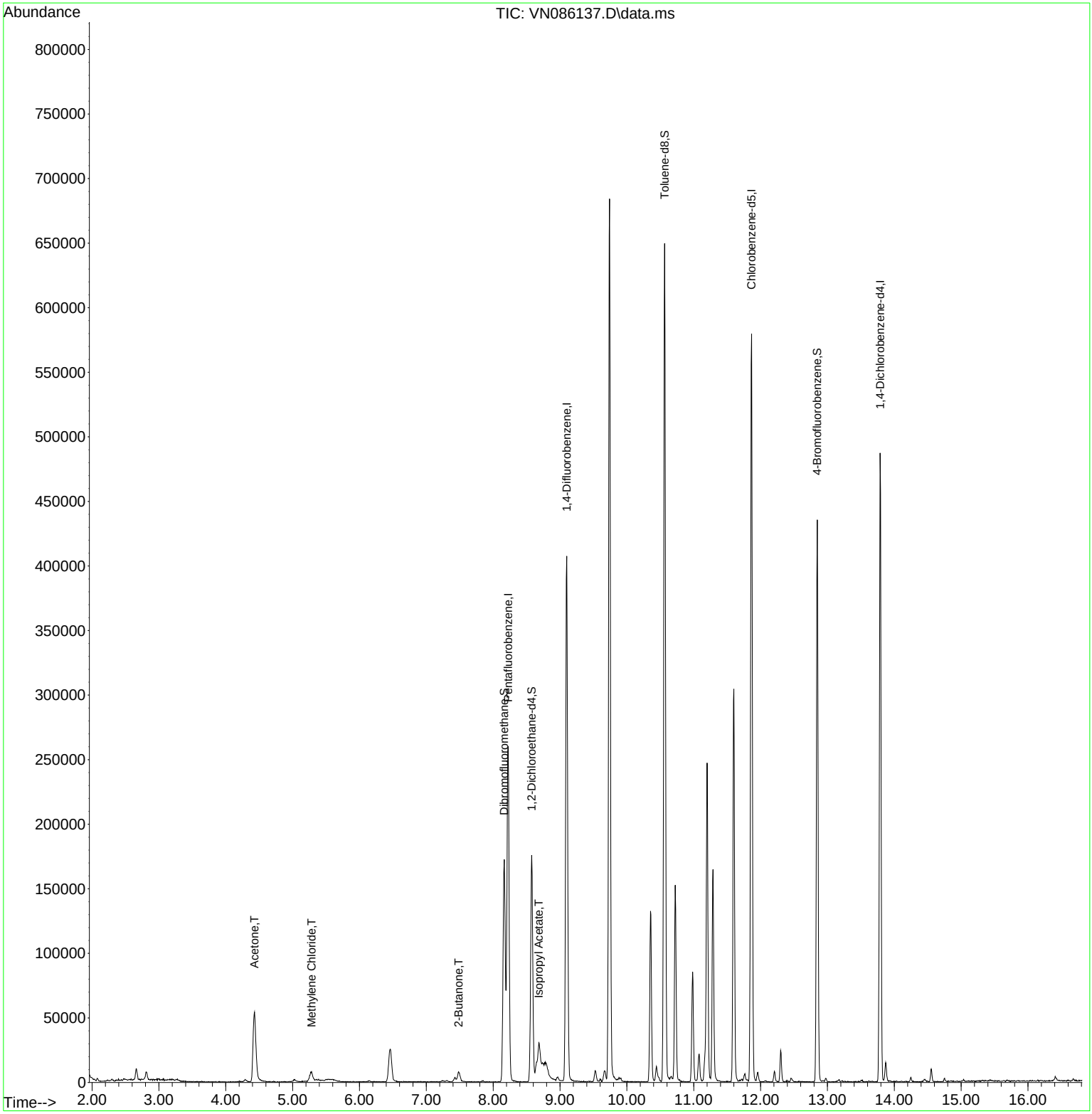
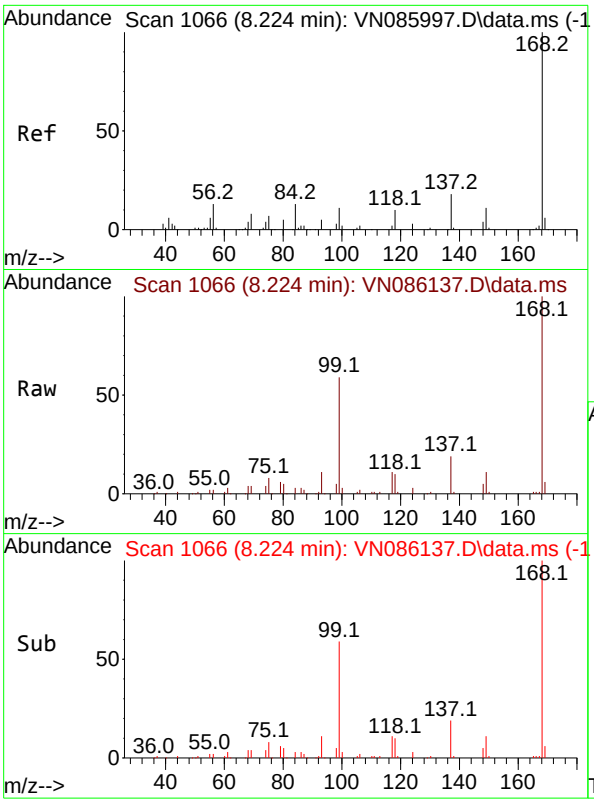


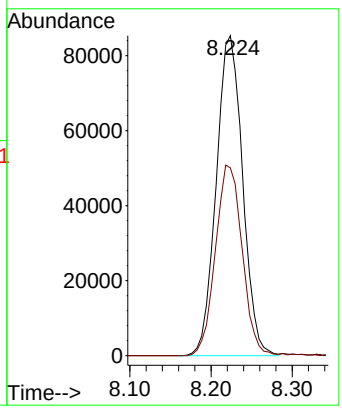


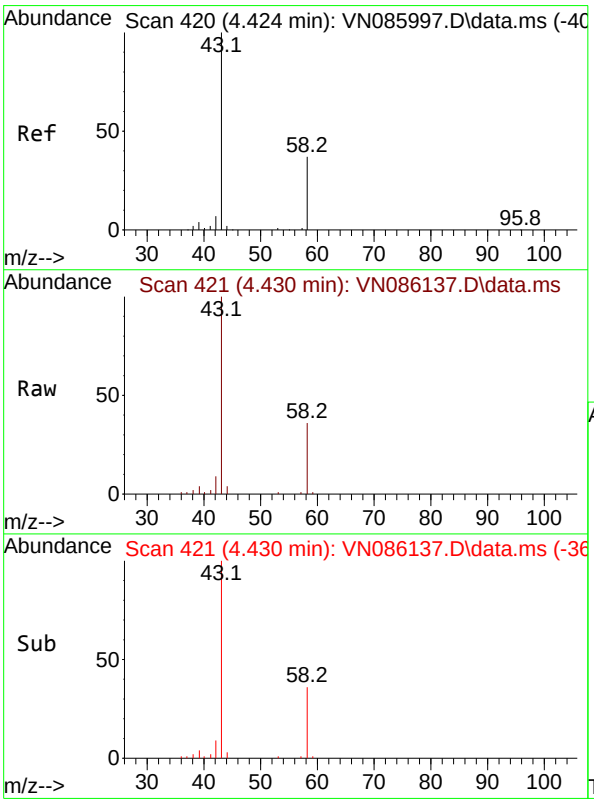
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Instrument :
MSVOA_N
ClientSampleId :
WC-5

Tgt Ion:168 Resp: 192913

Ion	Ratio	Lower	Upper
168	100		
99	58.7	49.4	74.2

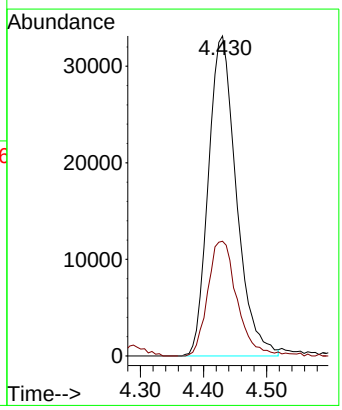


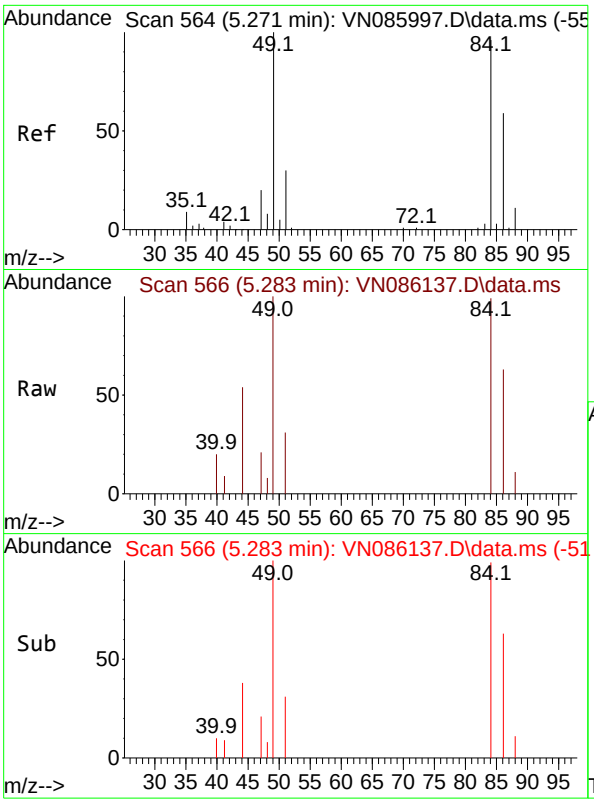


#16
Acetone
Concen: 126.221 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Tgt Ion: 43 Resp: 101866

Ion	Ratio	Lower	Upper
43	100		
58	35.8	29.4	44.2



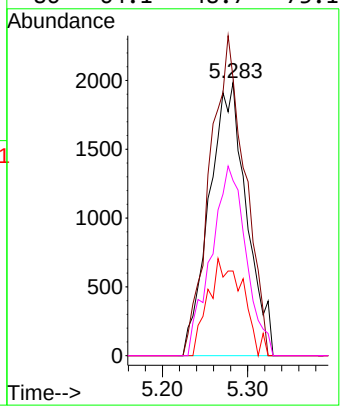


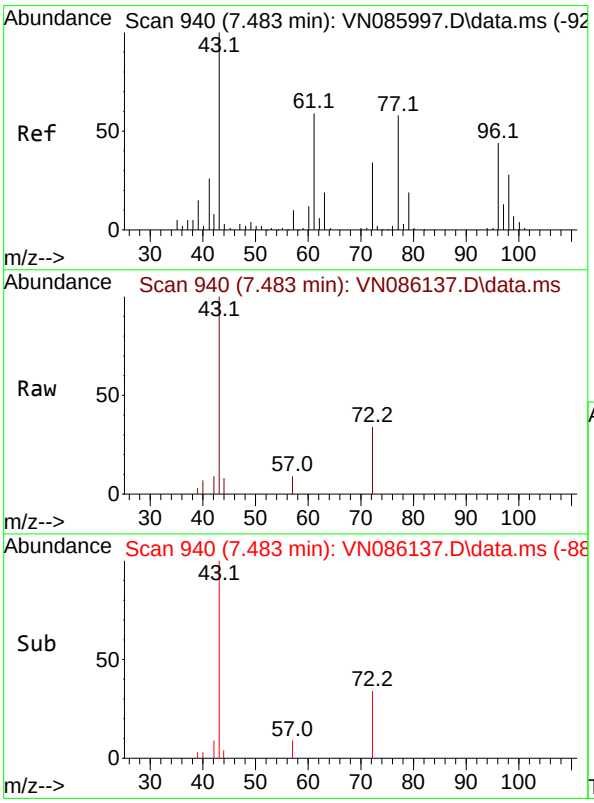
#20
Methylene Chloride
Concen: 2.544 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Instrument :
MSVOA_N
ClientSampleId :
WC-5

Tgt Ion: 84 Resp: 6007

Ion	Ratio	Lower	Upper
84	100		
49	101.5	83.3	124.9
51	31.0	24.8	37.2
86	64.1	48.7	73.1

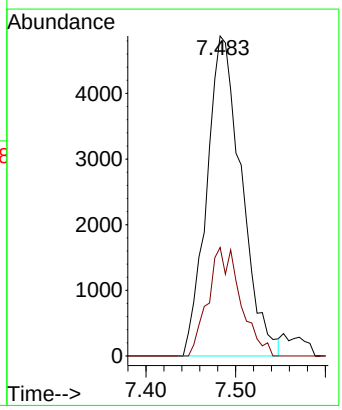


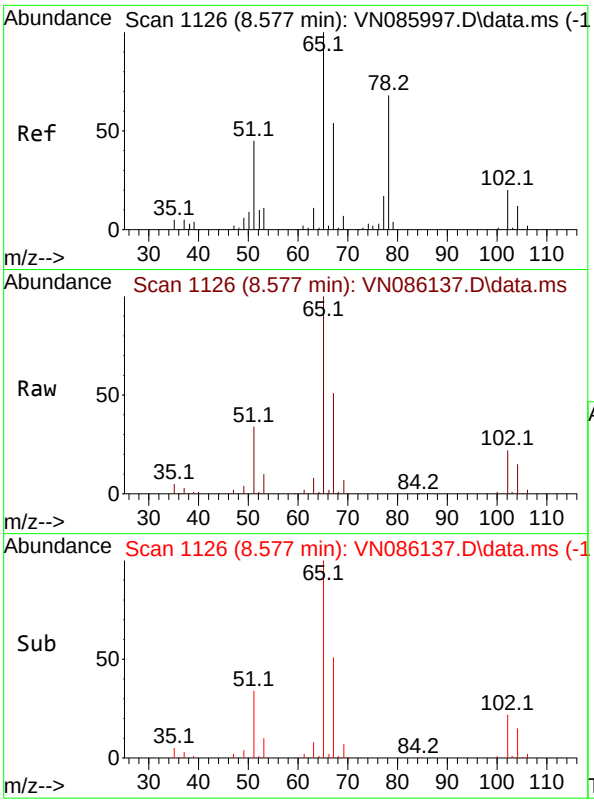


#25
2-Butanone
Concen: 11.259 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Tgt Ion: 43 Resp: 13111

Ion	Ratio	Lower	Upper
43	100		
72	33.9	27.4	41.0



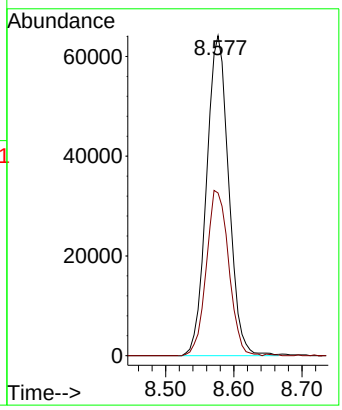


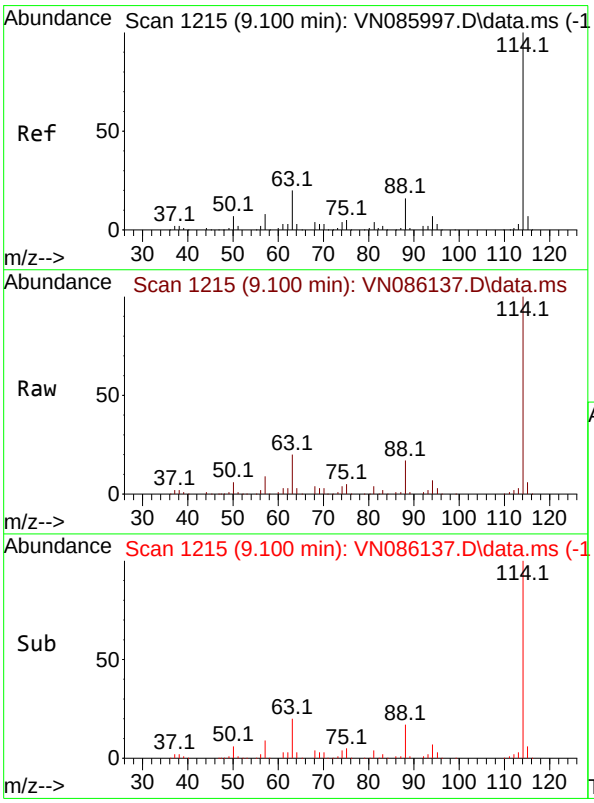
#33
1,2-Dichloroethane-d4
Concen: 54.946 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Instrument :
MSVOA_N
ClientSampleId :
WC-5

Tgt Ion: 65 Resp: 145147

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.2

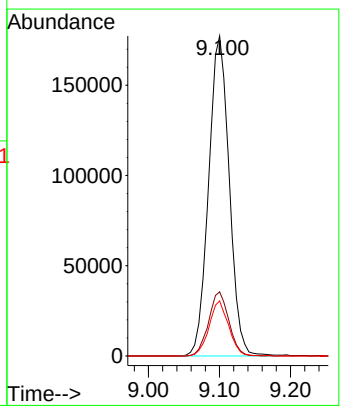


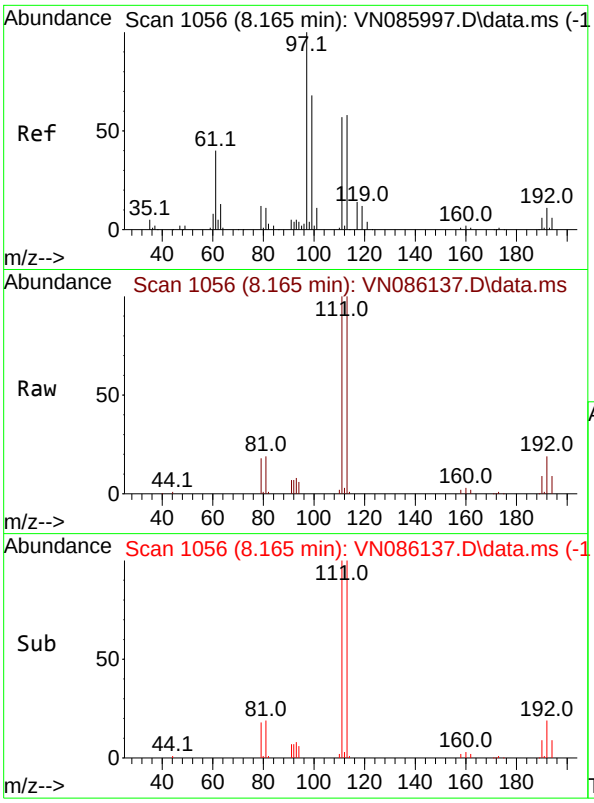


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Tgt Ion:114 Resp: 357409

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	17.2	0.0	32.6



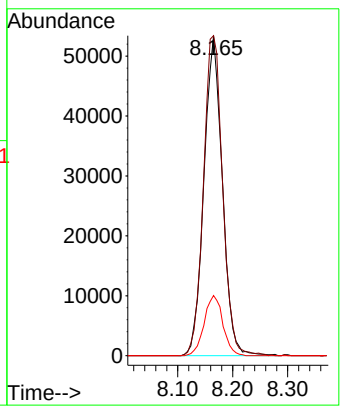


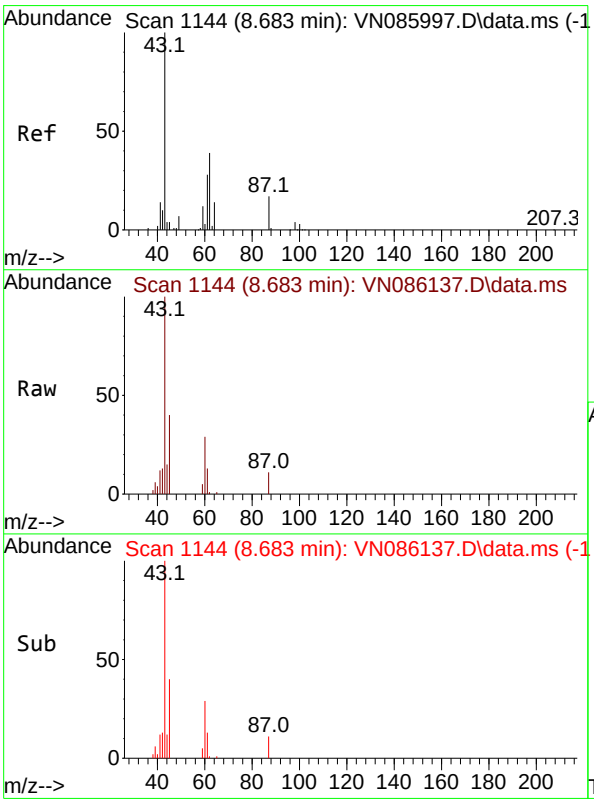
#35
Dibromofluoromethane
Concen: 49.855 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Instrument :
MSVOA_N
ClientSampleId :
WC-5

Tgt Ion:113 Resp: 124371

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	19.1	15.9	23.9

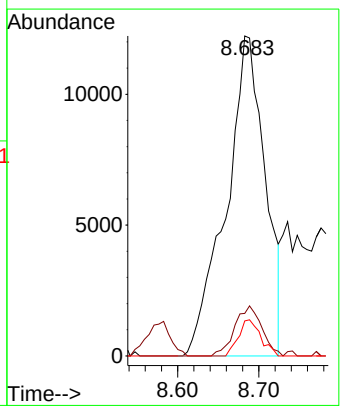


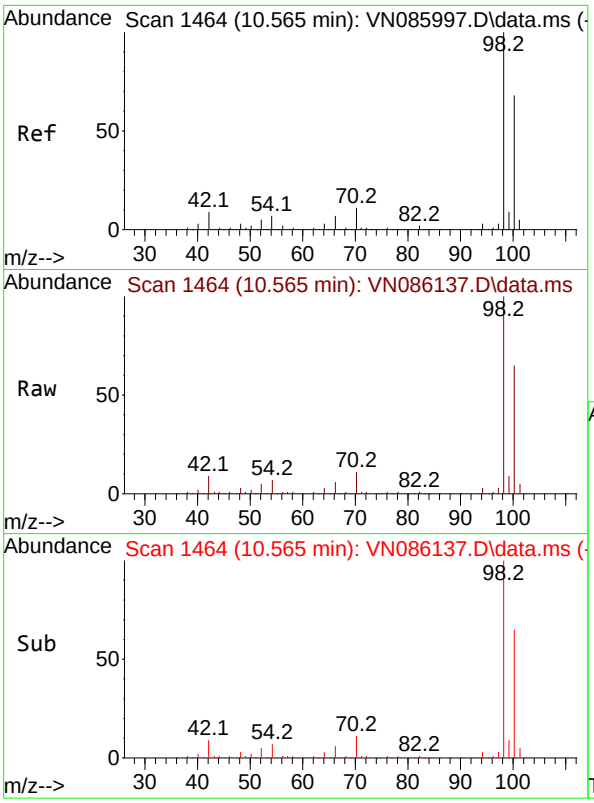


#43
Isopropyl Acetate
Concen: 6.805 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Tgt Ion: 43 Resp: 40863

Ion	Ratio	Lower	Upper
43	100		
61	10.8	25.0	37.6#
87	6.4	13.0	19.4#



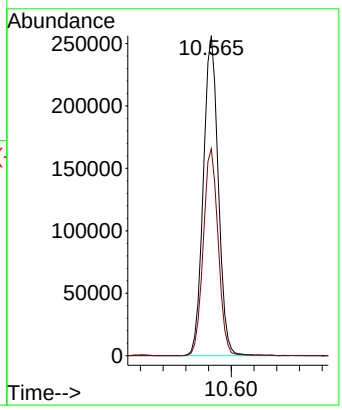


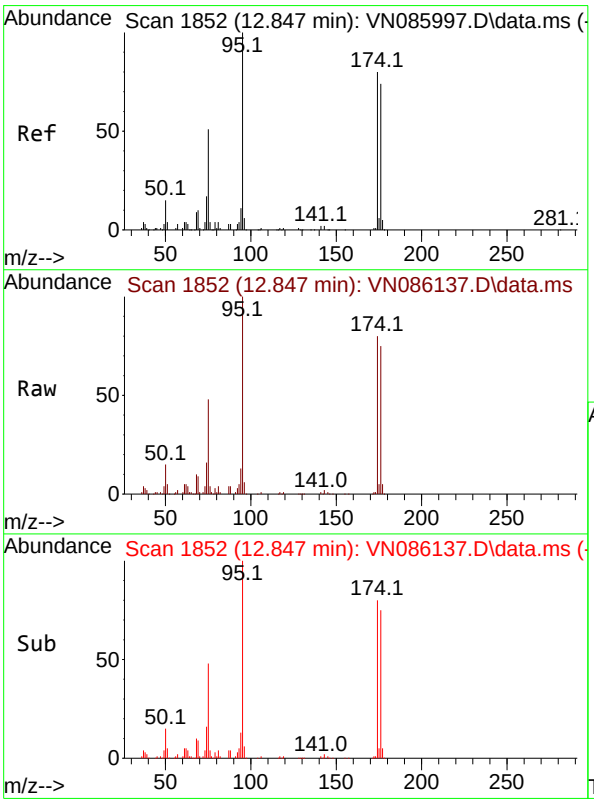
#50
Toluene-d8
Concen: 51.564 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Instrument :
MSVOA_N
ClientSampleId :
WC-5

Tgt Ion: 98 Resp: 466852

Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.1	79.7

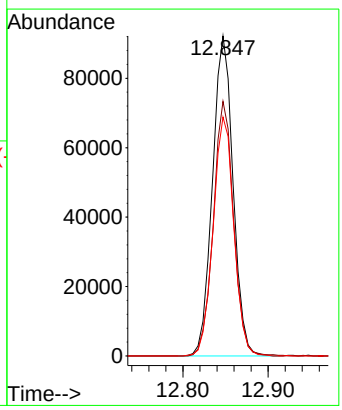


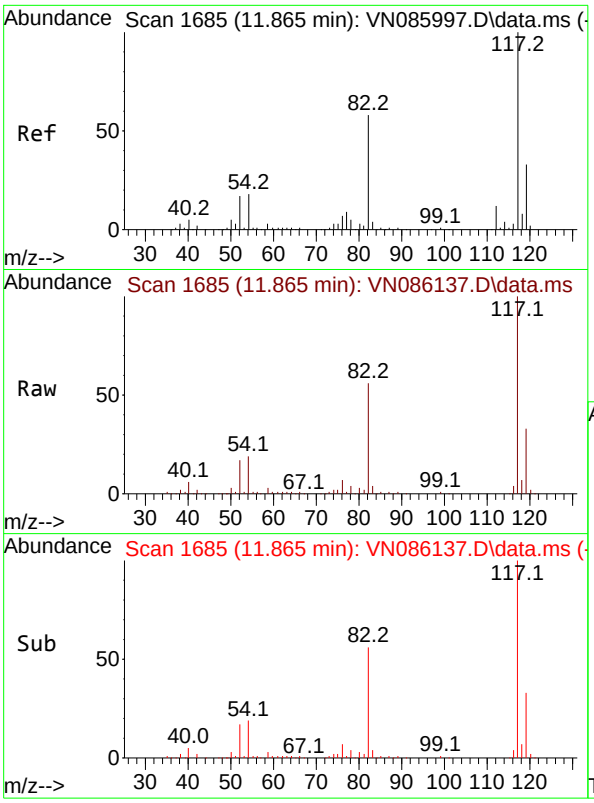


#62
4-Bromofluorobenzene
Concen: 47.812 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Tgt Ion: 95 Resp: 154380

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	156.8
176	75.1	0.0	152.2



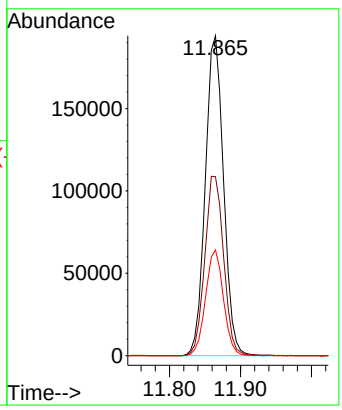


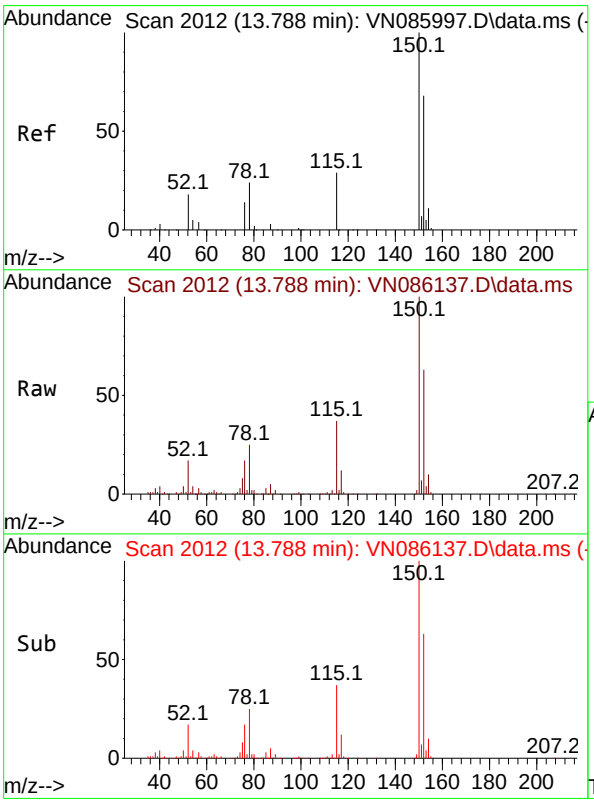
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086137.D
Acq: 26 Mar 2025 19:36

Instrument :
MSVOA_N
ClientSampleId :
WC-5

Tgt Ion:117 Resp: 346729

Ion	Ratio	Lower	Upper
117	100		
82	55.9	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: VN086137.D
Acq: 26 Mar 2025 19:36

Tgt Ion:152 Resp: 140113

Ion	Ratio	Lower	Upper
152	100		
115	58.8	31.1	93.2
150	154.2	0.0	359.6