Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
Data File : VN086016.D
Acq On : 19 Mar 2025 18:03
Operator : JC\MD
Sample : Q1597-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1-CONCRETE-SLAB

Quant Time: Mar 20 01:35:27 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	140558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104234	54.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.320%			
35) Dibromofluoromethane	8.165	113	88894	51.187	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	10.565	98	318109	50.470	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.940%			
62) 4-Bromofluorobenzene	12.847	95	106127	47.214	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.420%			
Target Compounds						Qvalue
16) Acetone	4.436	43	16659	28.331	ug/l	89
20) Methylene Chloride	5.277	84	3427	1.992	ug/l #	92
25) 2-Butanone	7.483	43	14744	17.377	ug/l #	84
43) Isopropyl Acetate	8.683	43	44800	10.716	ug/l #	80

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

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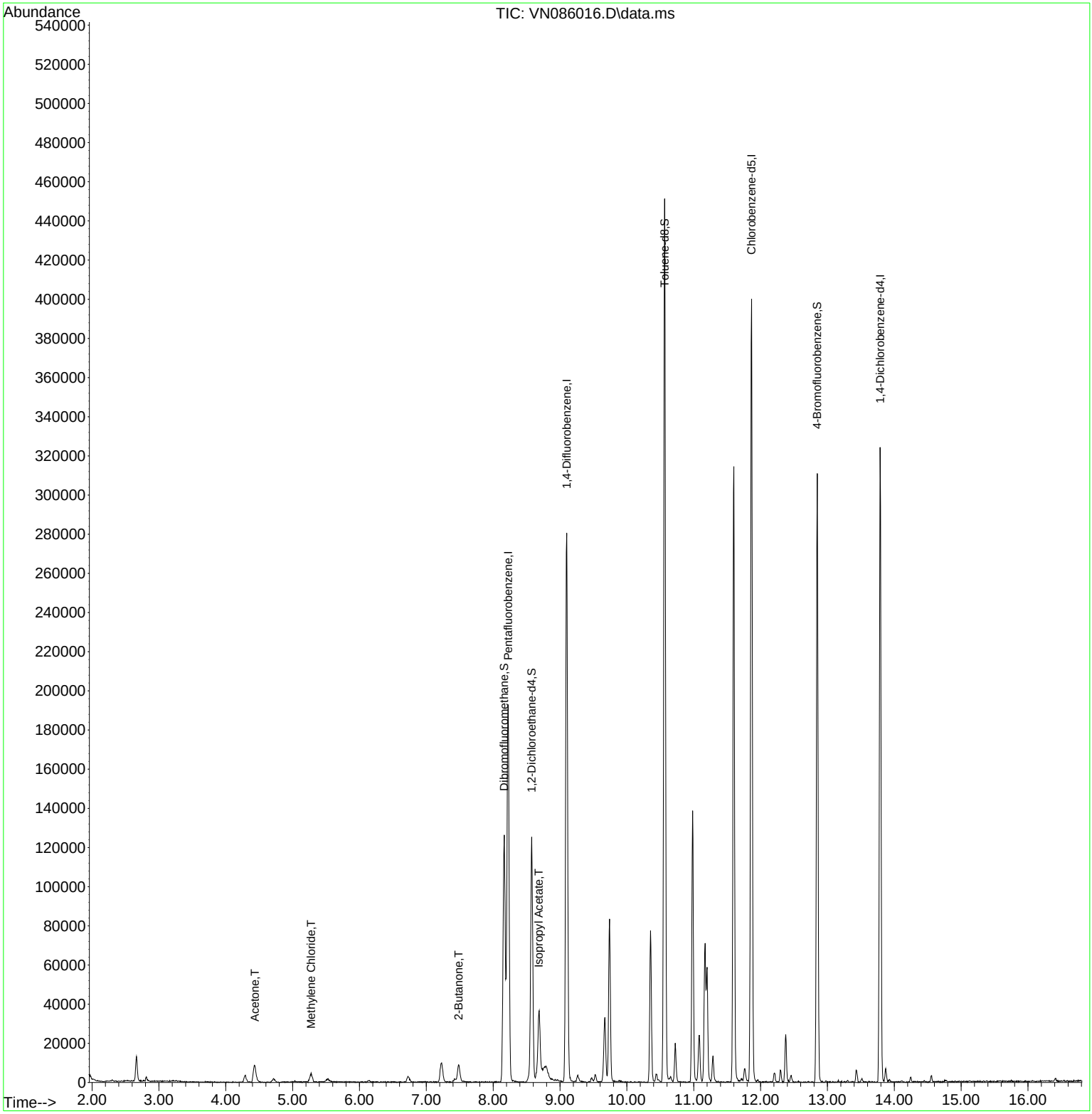
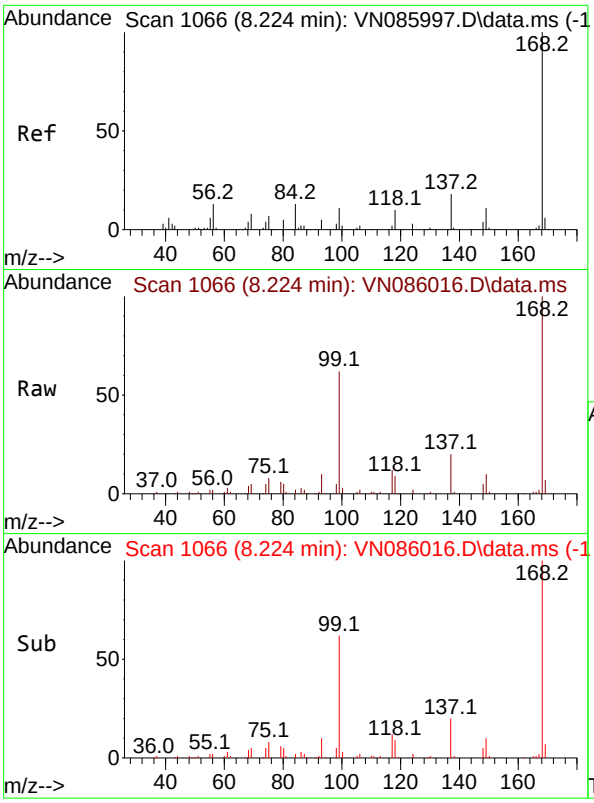


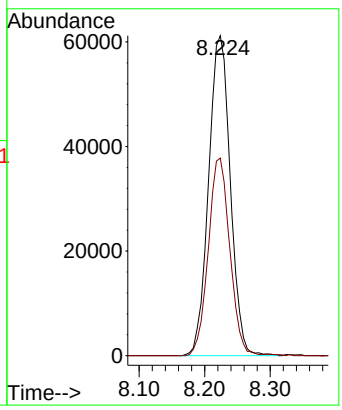


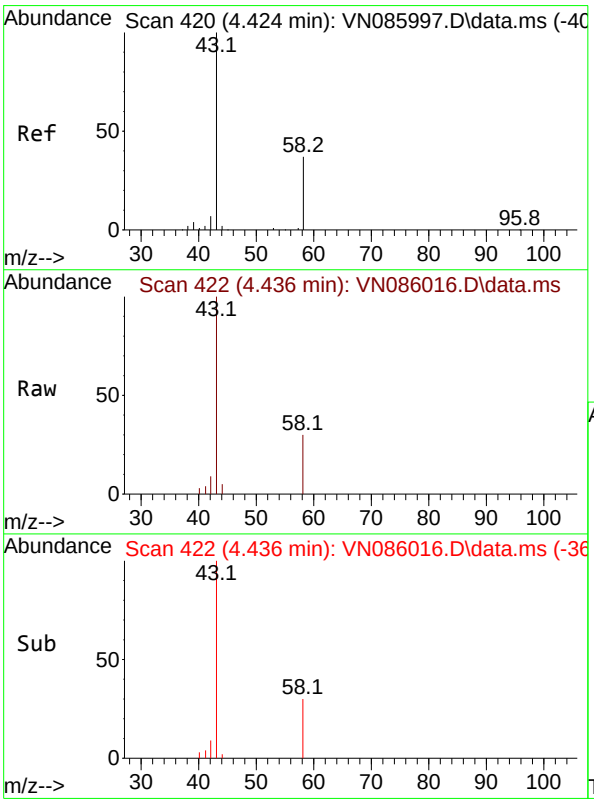
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
1-CONCRETE-SLAB

Tgt Ion:168 Resp: 140558

Ion	Ratio	Lower	Upper
168	100		
99	61.8	49.4	74.2

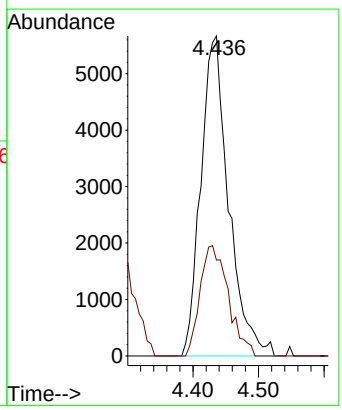


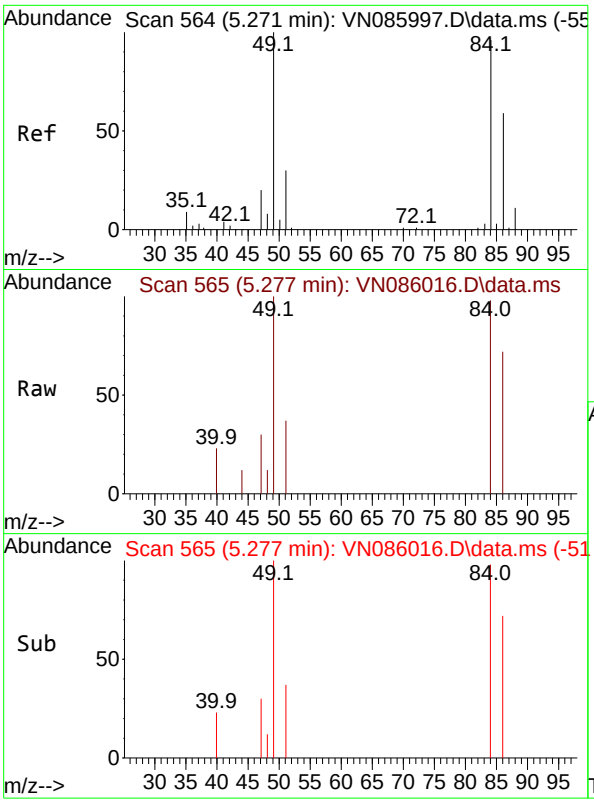


#16
Acetone
Concen: 28.331 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Tgt Ion: 43 Resp: 16659

Ion	Ratio	Lower	Upper
43	100		
58	30.0	29.4	44.2



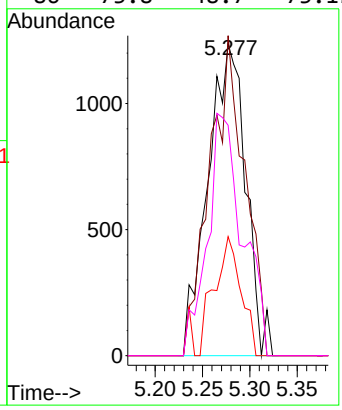


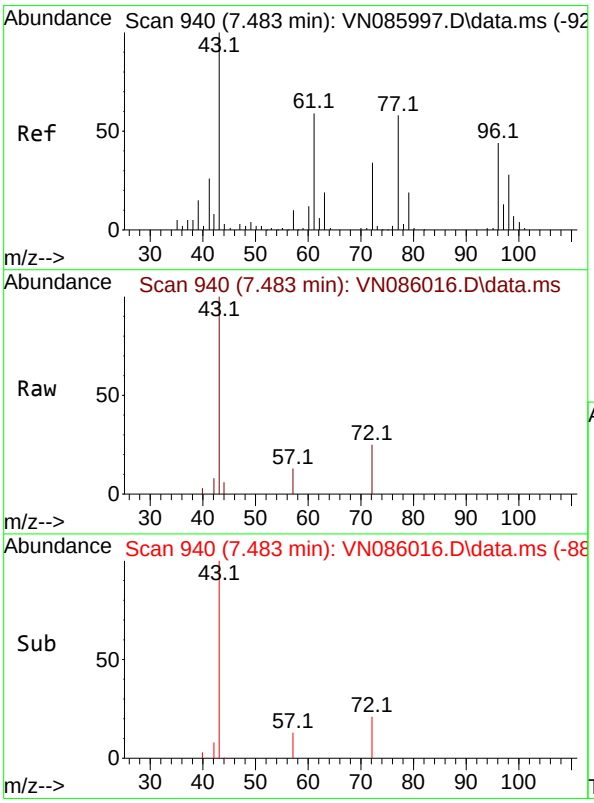
#20
Methylene Chloride
Concen: 1.992 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
1-CONCRETE-SLAB

Tgt Ion: 84 Resp: 3427

Ion	Ratio	Lower	Upper
84	100		
49	102.5	83.3	124.9
51	38.1	24.8	37.2#
86	73.8	48.7	73.1#

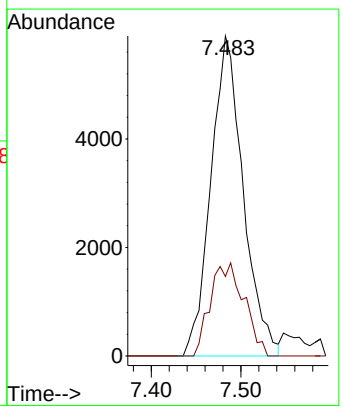


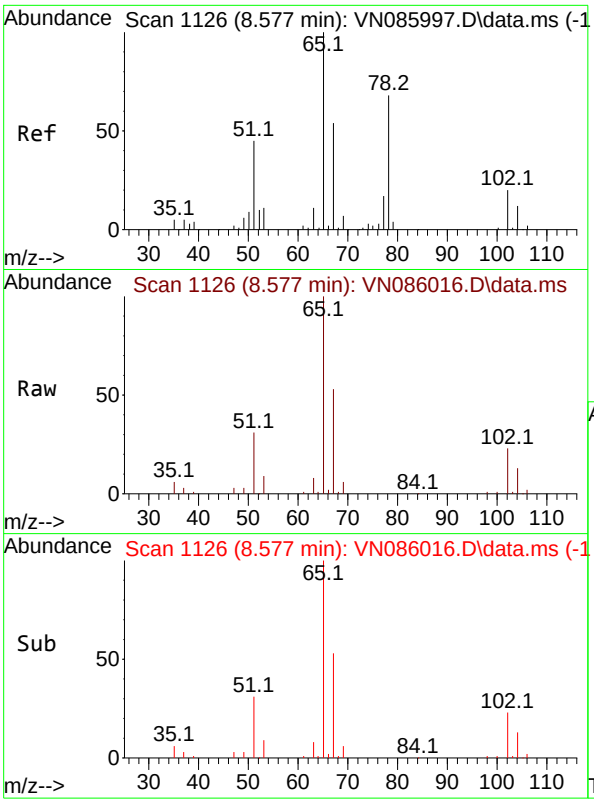


#25
2-Butanone
Concen: 17.377 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Tgt Ion: 43 Resp: 14744

Ion	Ratio	Lower	Upper
43	100		
72	24.9	27.4	41.0#



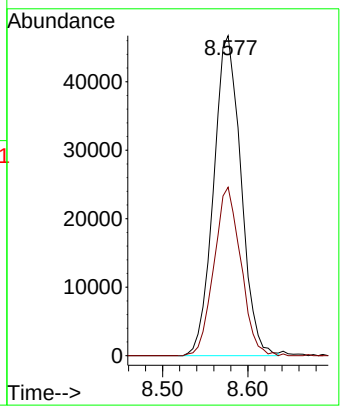


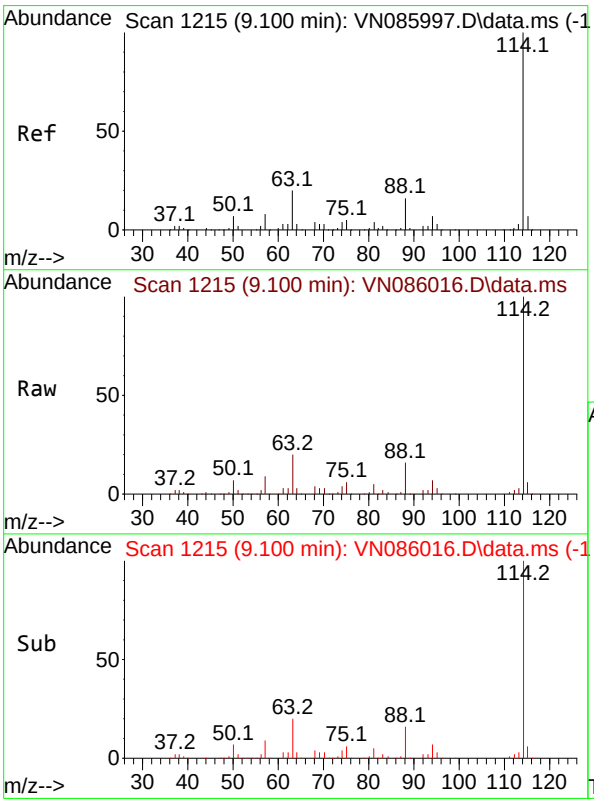
#33
1,2-Dichloroethane-d4
Concen: 54.155 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
1-CONCRETE-SLAB

Tgt Ion: 65 Resp: 104234

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.2

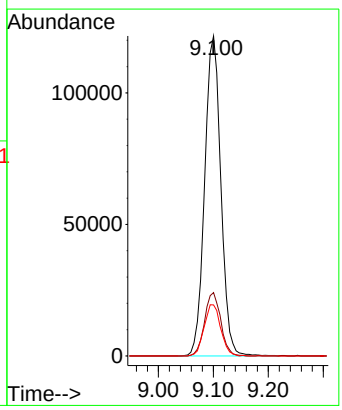


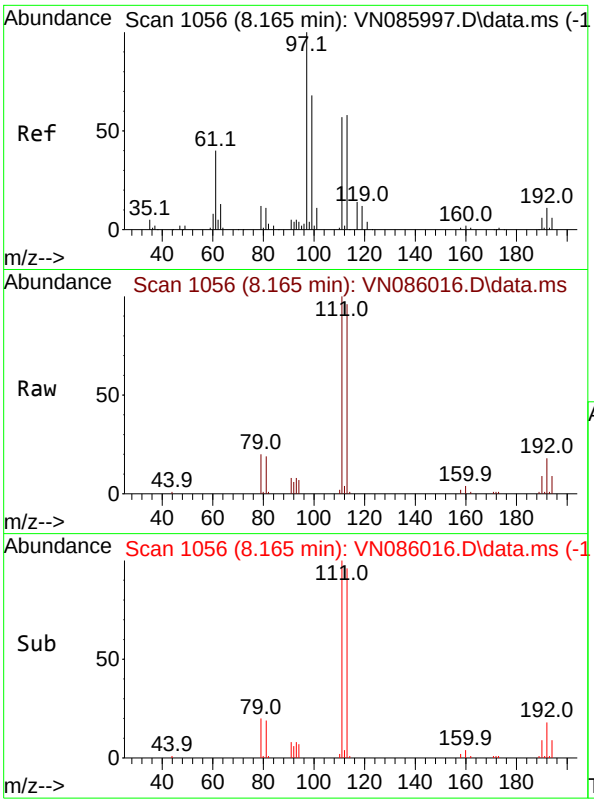


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Tgt Ion:114 Resp: 248810

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	16.0	0.0	32.6



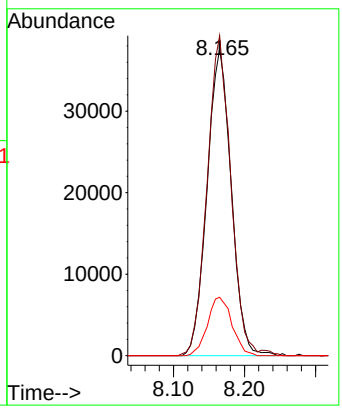


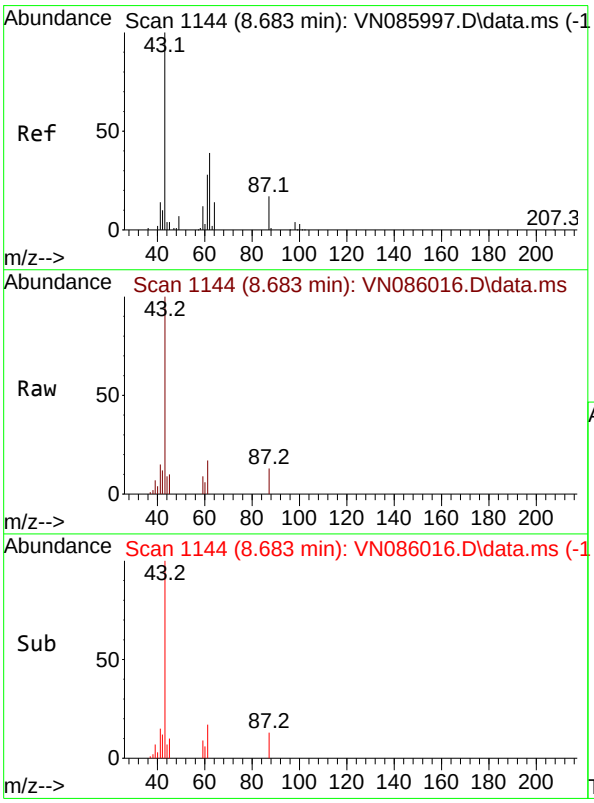
#35
Dibromofluoromethane
Concen: 51.187 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
1-CONCRETE-SLAB

Tgt Ion:113 Resp: 88894

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	19.3	15.9	23.9

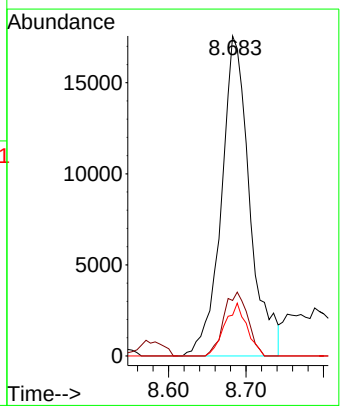


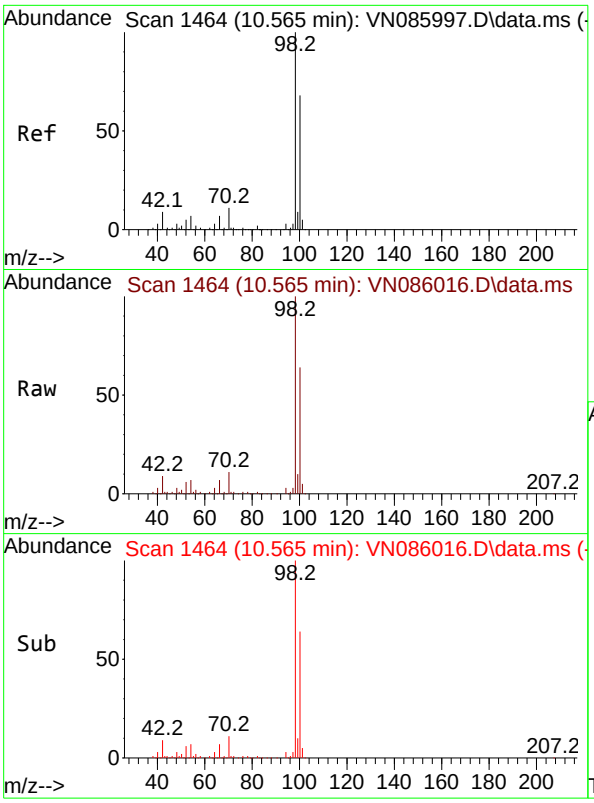


#43
Isopropyl Acetate
Concen: 10.716 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Tgt Ion: 43 Resp: 44800

Ion	Ratio	Lower	Upper
43	100		
61	17.0	25.0	37.6#
87	12.9	13.0	19.4#



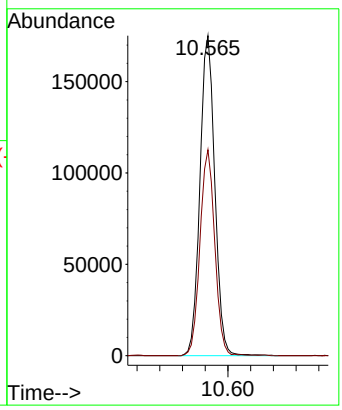


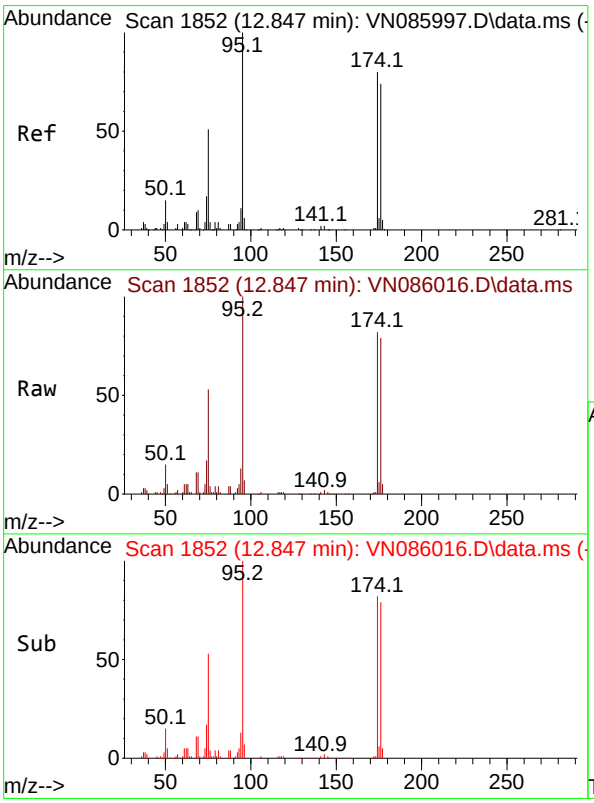
#50
Toluene-d8
Concen: 50.470 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
1-CONCRETE-SLAB

Tgt Ion: 98 Resp: 318109

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.1	79.7

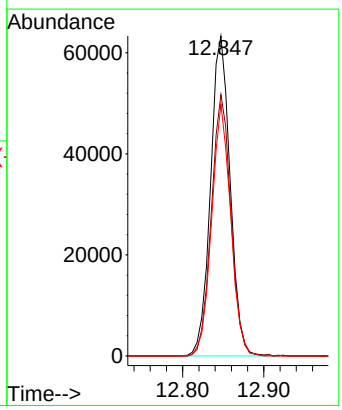


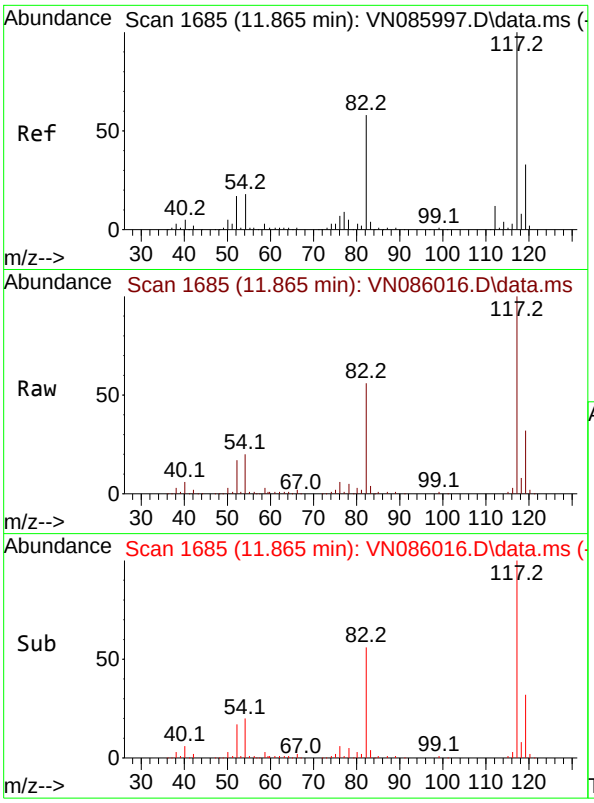


#62
4-Bromofluorobenzene
Concen: 47.214 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Tgt Ion: 95 Resp: 106127

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	156.8
176	76.5	0.0	152.2



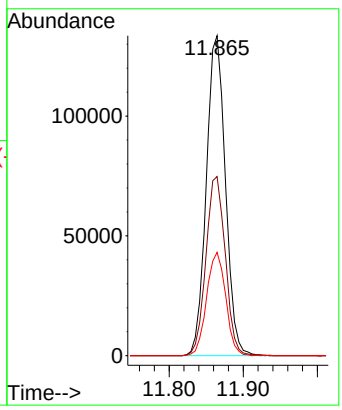


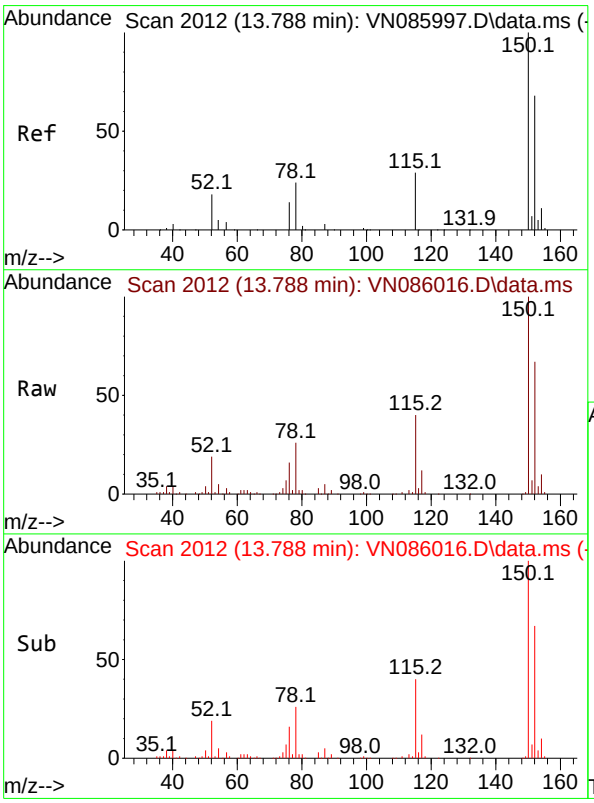
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086016.D
Acq: 19 Mar 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
1-CONCRETE-SLAB

Tgt Ion:117 Resp: 239173

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.7	70.1
119	32.3	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: VN086016.D
Acq: 19 Mar 2025 18:03

Tgt Ion:152 Resp: 92183

Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.1	93.2
150	154.9	0.0	359.6