Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086054.D
Acq On : 21 Mar 2025 20:54
Operator : JC\MD
Sample : Q1605-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Time: Mar 21 23:05:28 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

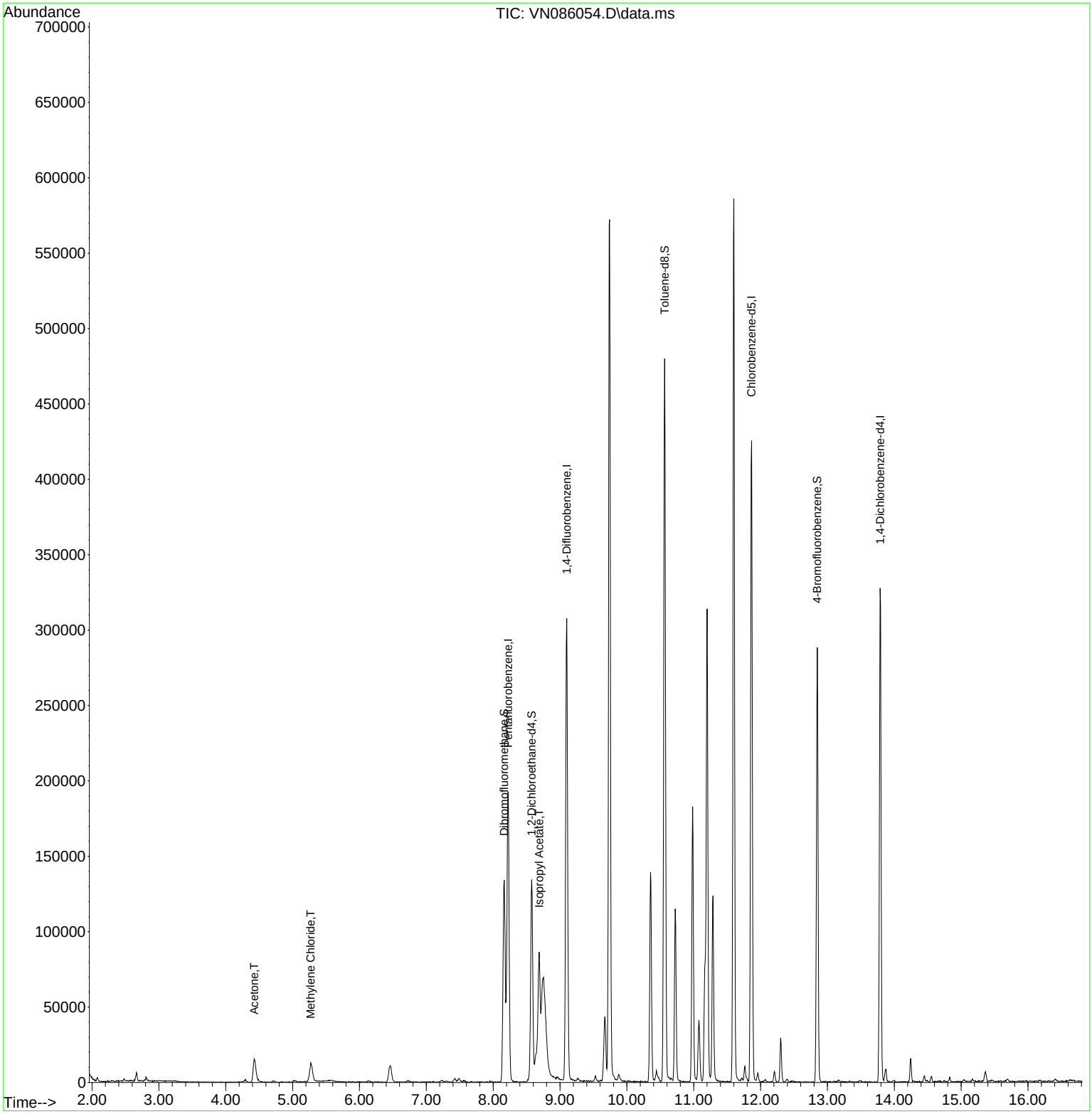
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	141109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112227	58.081	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.160%			
35) Dibromofluoromethane	8.165	113	96575	51.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.400%			
50) Toluene-d8	10.565	98	343631	50.684	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.847	95	99563	41.177	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 82.360%			
Target Compounds						Qvalue
16) Acetone	4.424	43	29581	50.110	ug/l	88
20) Methylene Chloride	5.271	84	10097	5.847	ug/l #	90
43) Isopropyl Acetate	8.688	43	106988	23.792	ug/l #	77

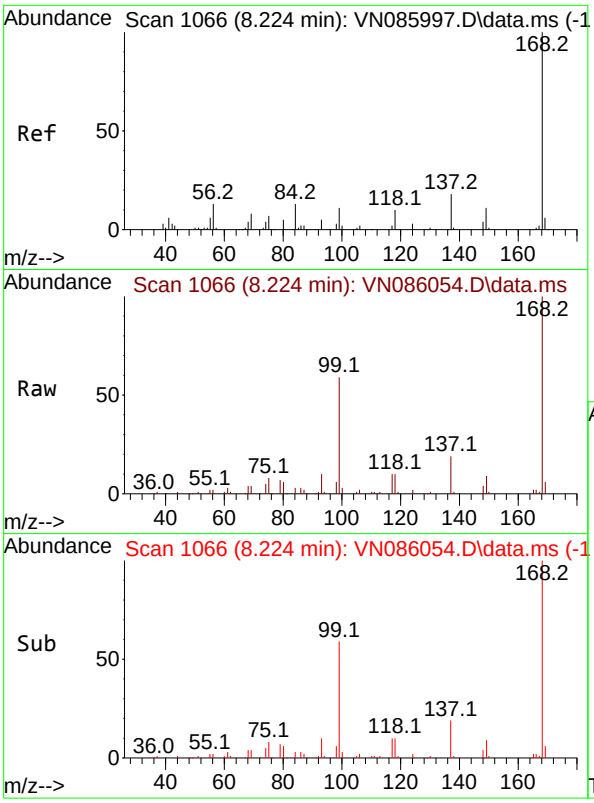
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086054.D
Acq On : 21 Mar 2025 20:54
Operator : JC\MD
Sample : Q1605-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DRUM-SOIL-CUTTING

Quant Time: Mar 21 23:05:28 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



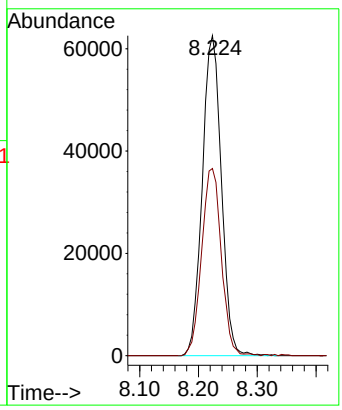


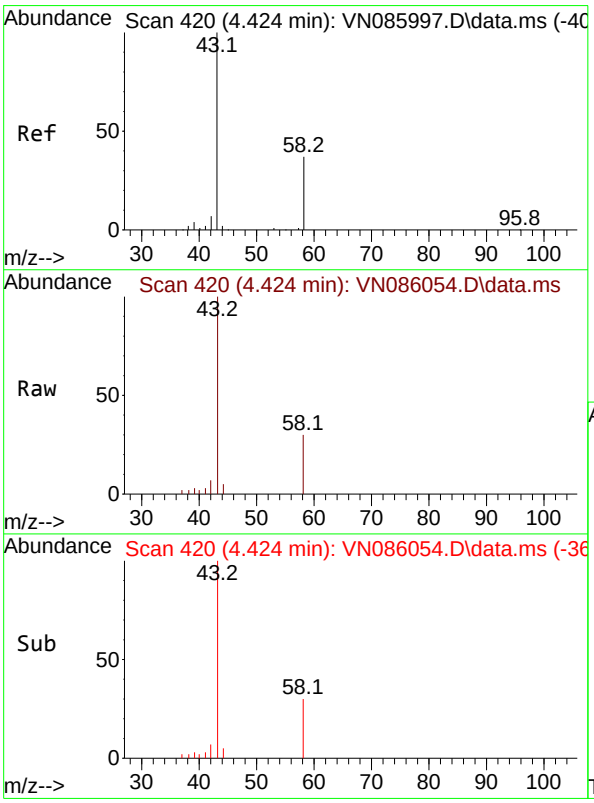
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM-SOIL-CUTTING

Tgt Ion:168 Resp: 141109

Ion	Ratio	Lower	Upper
168	100		
99	58.5	49.4	74.2

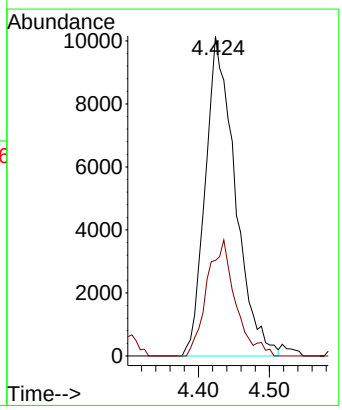


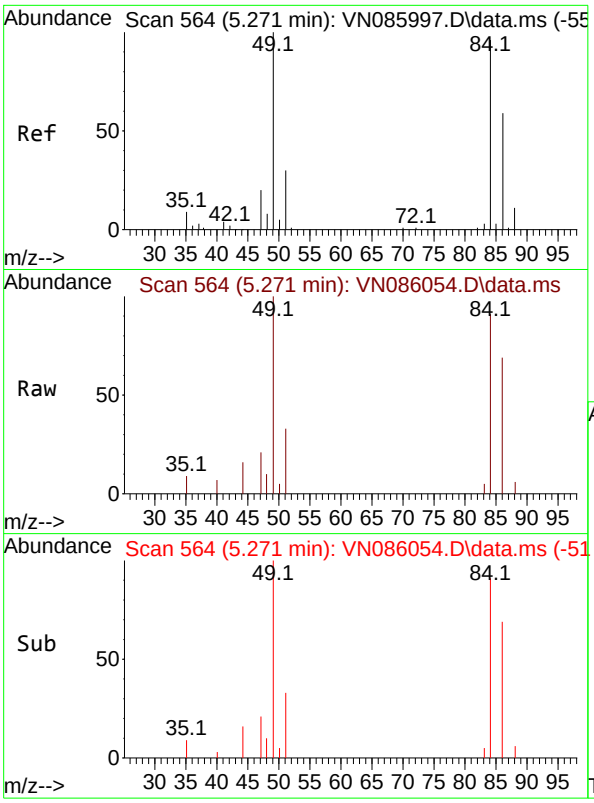


#16
Acetone
Concen: 50.110 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Tgt Ion: 43 Resp: 29581

Ion	Ratio	Lower	Upper
43	100		
58	29.8	29.4	44.2



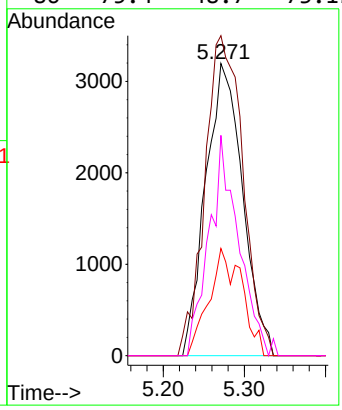


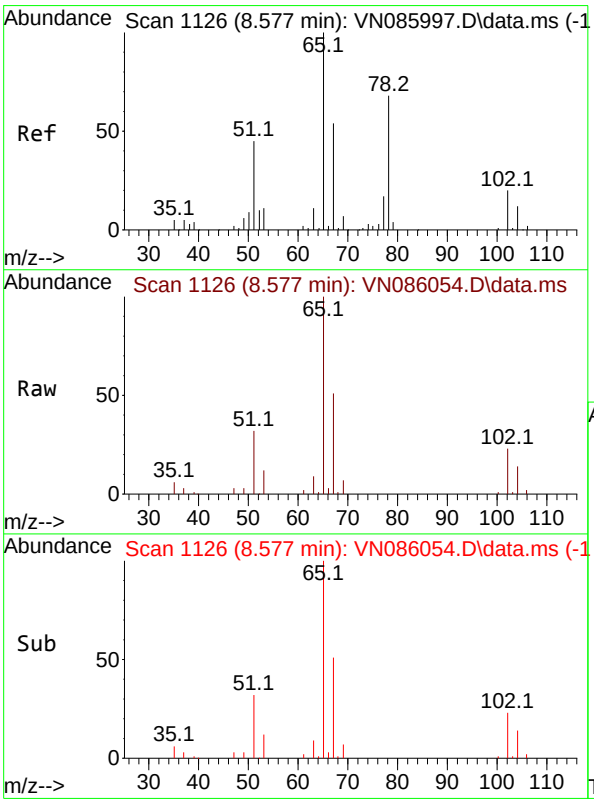
#20
Methylene Chloride
Concen: 5.847 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM-SOIL-CUTTING

Tgt Ion: 84 Resp: 10097

Ion	Ratio	Lower	Upper
84	100		
49	109.5	83.3	124.9
51	36.7	24.8	37.2
86	75.4	48.7	73.1#

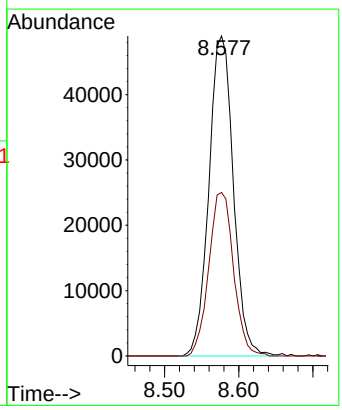


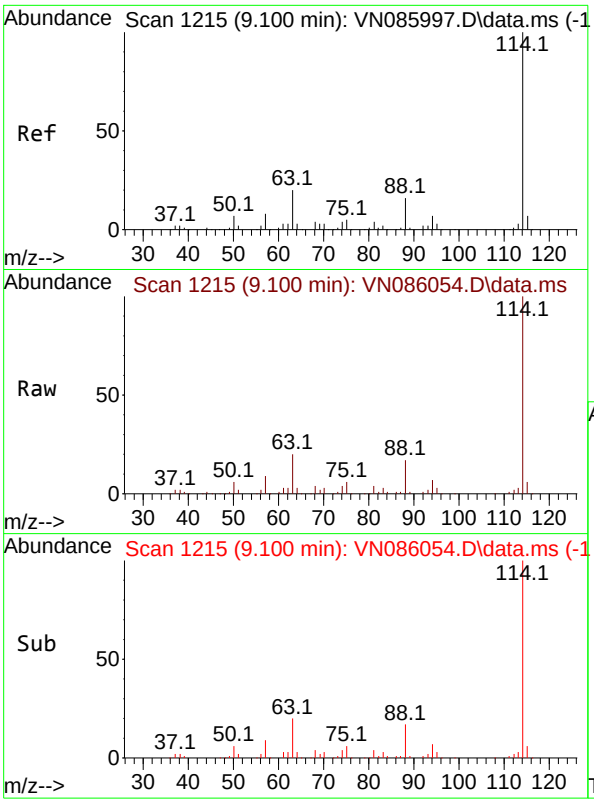


#33
1,2-Dichloroethane-d4
Concen: 58.081 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Tgt Ion: 65 Resp: 112227

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.2



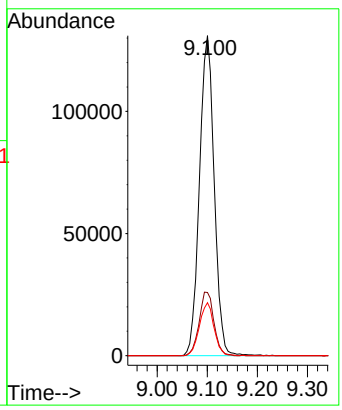


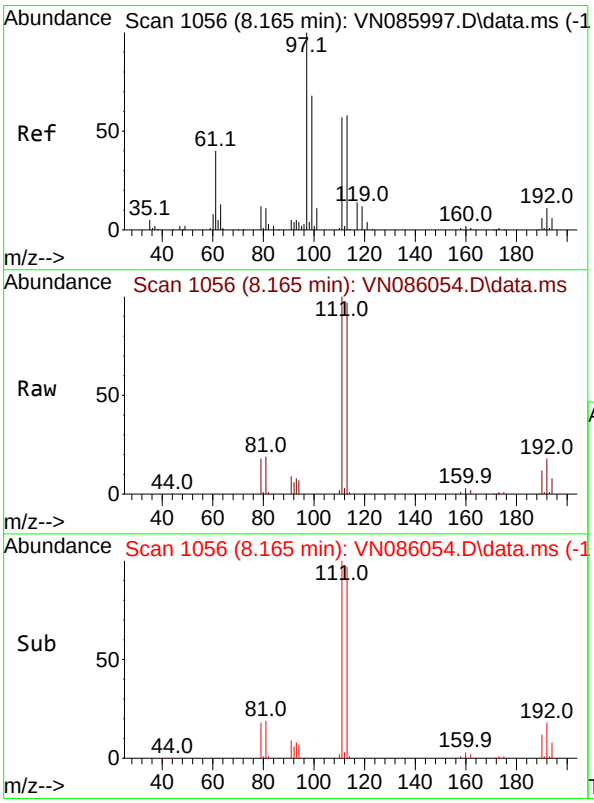
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM-SOIL-CUTTING

Tgt Ion:114 Resp: 267640

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	16.5	0.0	32.6

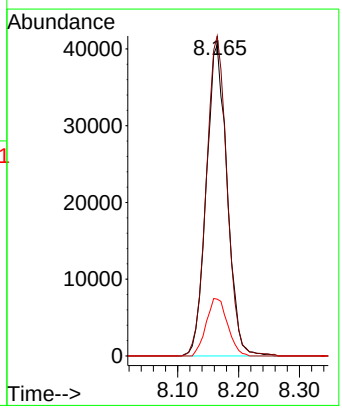


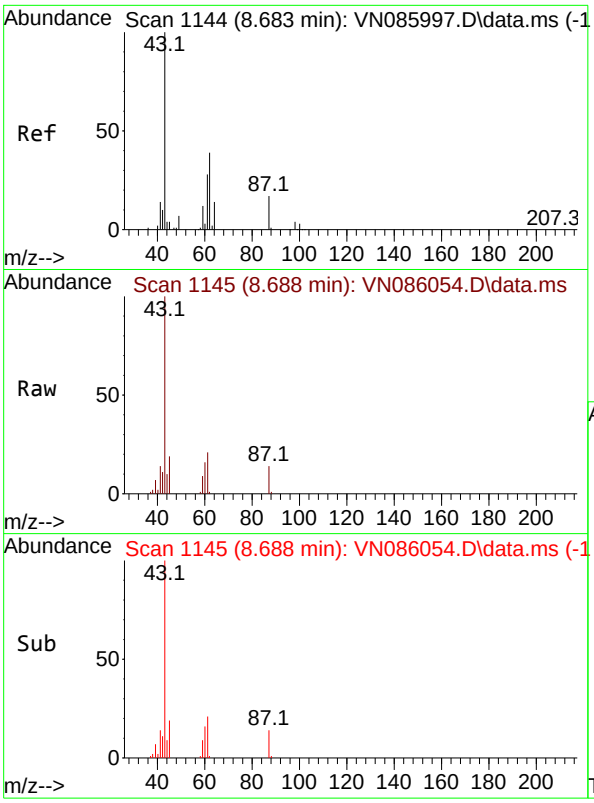


#35
Dibromofluoromethane
Concen: 51.697 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Tgt Ion:113 Resp: 96575

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	18.9	15.9	23.9



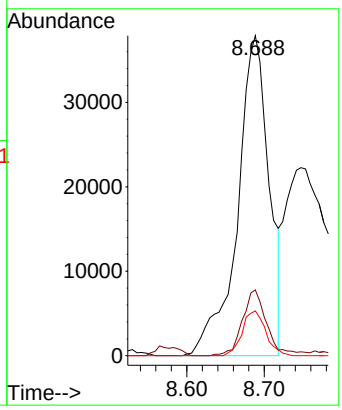


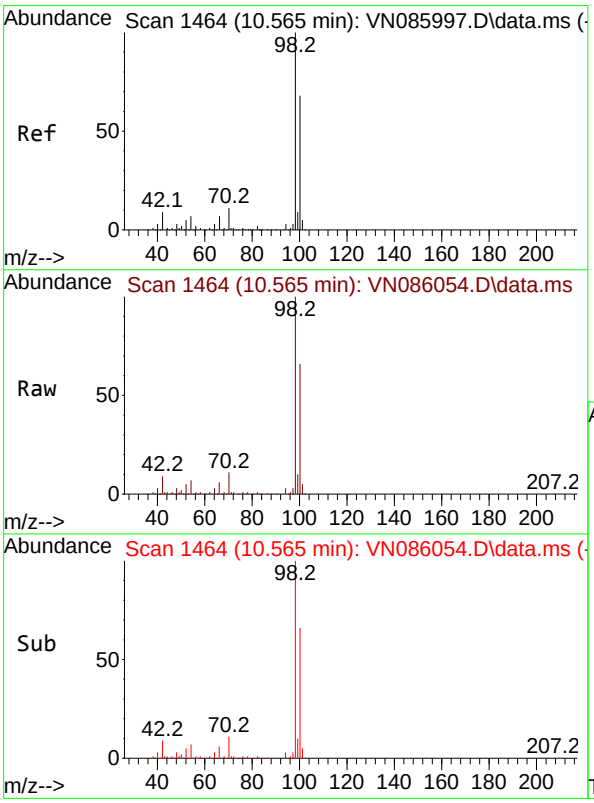
#43
Isopropyl Acetate
Concen: 23.792 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM-SOIL-CUTTING

Tgt Ion: 43 Resp: 106988

Ion	Ratio	Lower	Upper
43	100		
61	16.1	25.0	37.6#
87	10.4	13.0	19.4#

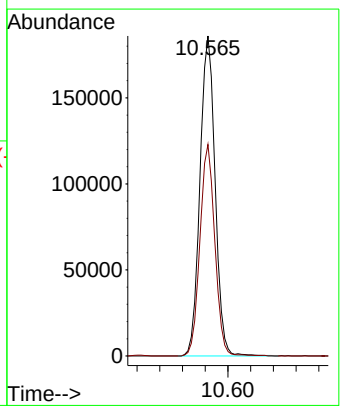


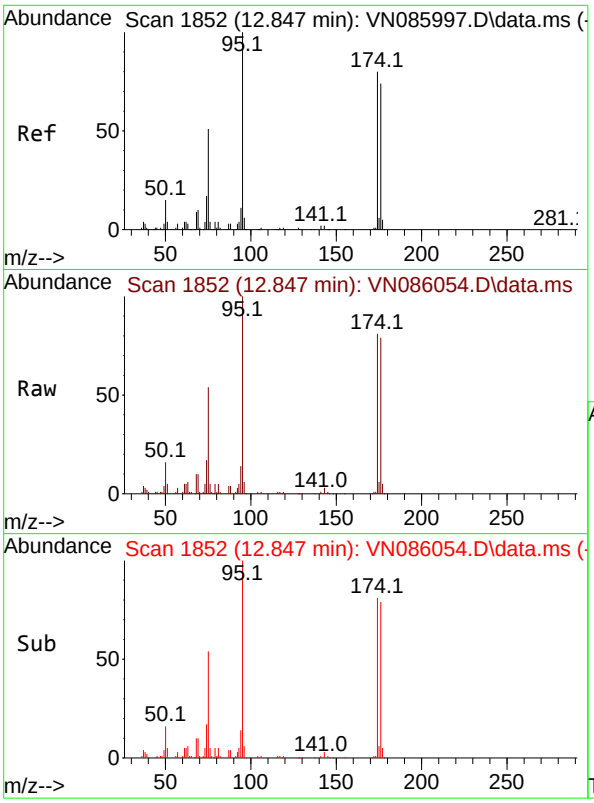


#50
Toluene-d8
Concen: 50.684 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Tgt Ion: 98 Resp: 343631

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.1	79.7



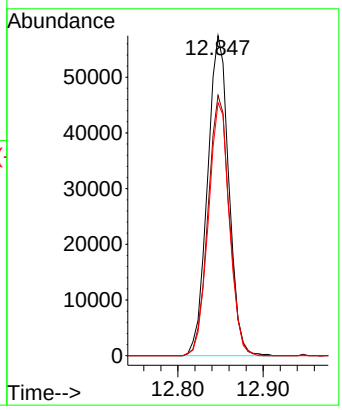


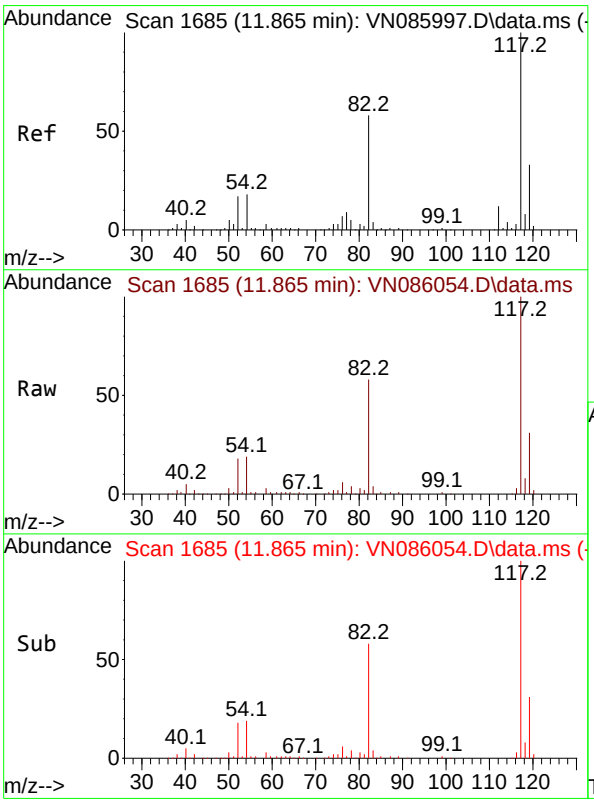
#62
4-Bromofluorobenzene
Concen: 41.177 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM-SOIL-CUTTING

Tgt Ion: 95 Resp: 99563

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	156.8
176	77.7	0.0	152.2

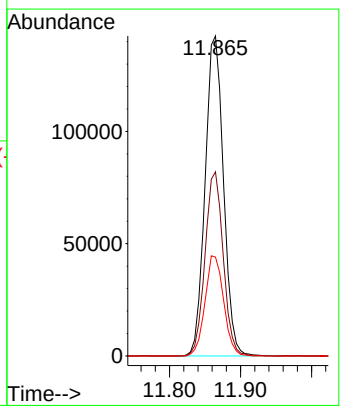


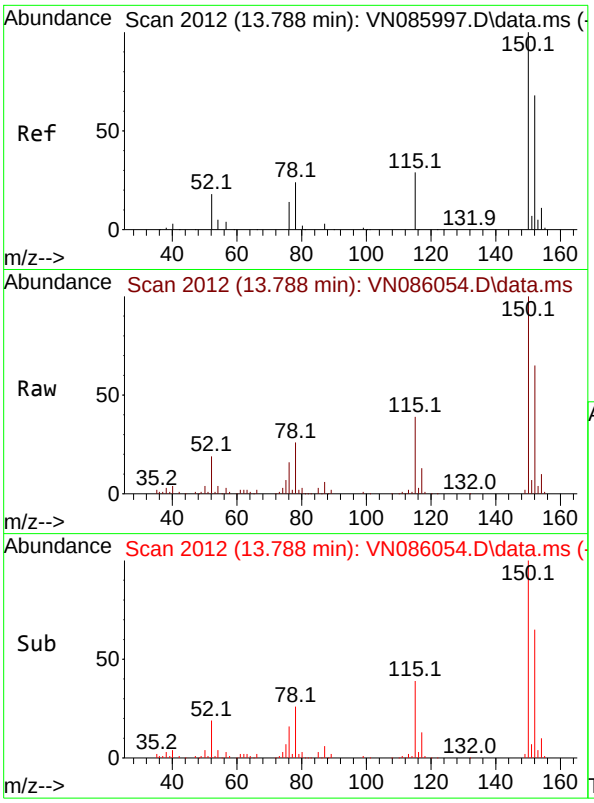


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Tgt Ion:117 Resp: 256655

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.7	70.1
119	30.9	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086054.D
Acq: 21 Mar 2025 20:54

Instrument :
MSVOA_N
ClientSampleId :
DRUM-SOIL-CUTTING

Tgt Ion:152 Resp: 94491

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.1	93.2
150	154.2	0.0	359.6