Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
Data File : VN086651.D
Acq On : 15 May 2025 17:36
Operator : JC\MD
Sample : PB167995ZHE#13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#13

Quant Time: May 16 05:31:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	218644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	405482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	169648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	149064	47.015	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.040%			
35) Dibromofluoromethane	8.165	113	121254	63.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 126.780%#			
50) Toluene-d8	10.565	98	524595	51.314	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.847	95	194555	52.175	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.360%			
Target Compounds						Qvalue
16) Acetone	4.430	43	25606	18.065	ug/l	99
20) Methylene Chloride	5.277	84	10496	3.581	ug/l	90
25) 2-Butanone	7.482	43	10636	5.389	ug/l	99
43) Isopropyl Acetate	8.688	43	78204	9.140	ug/l #	72

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

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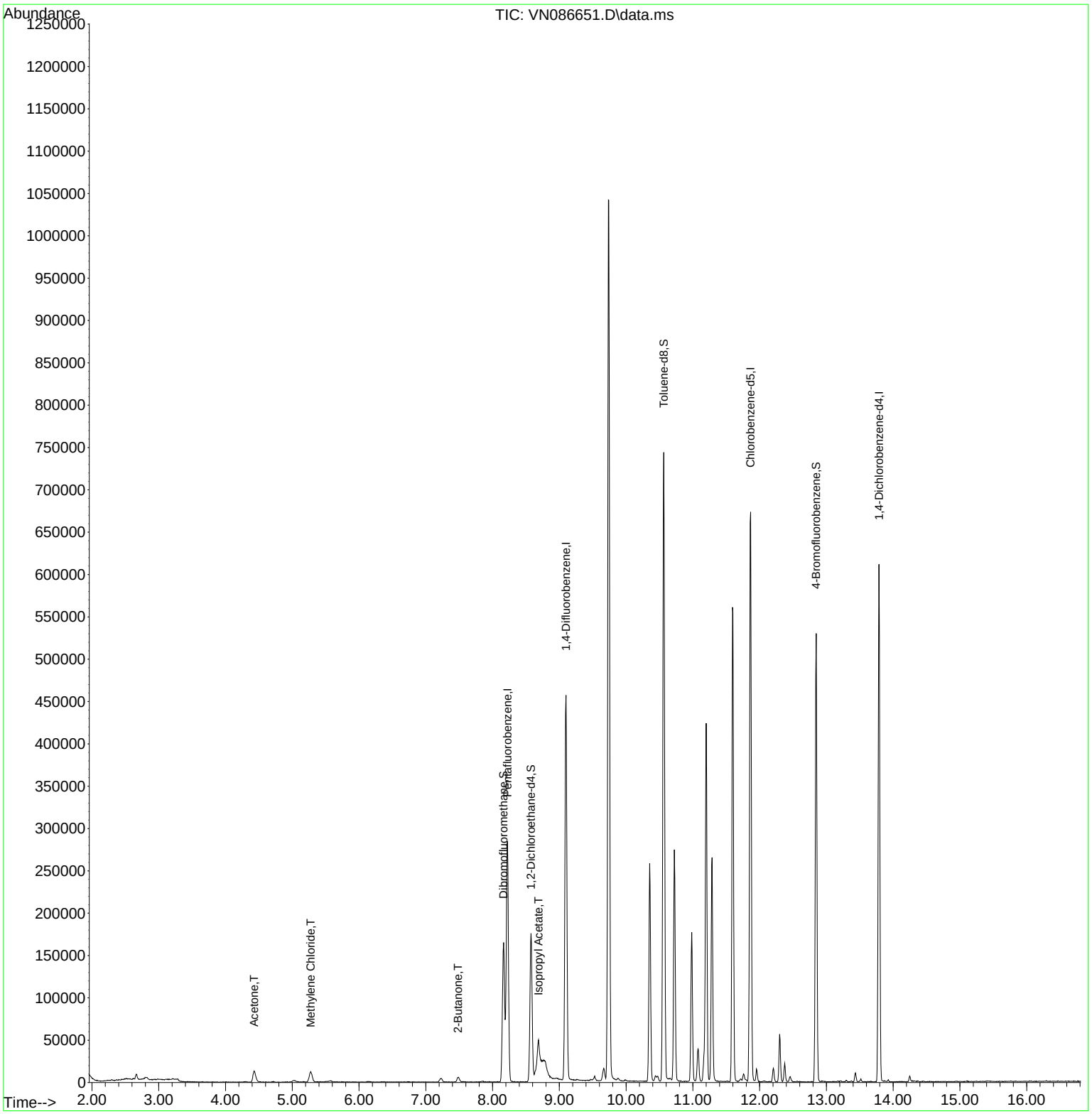
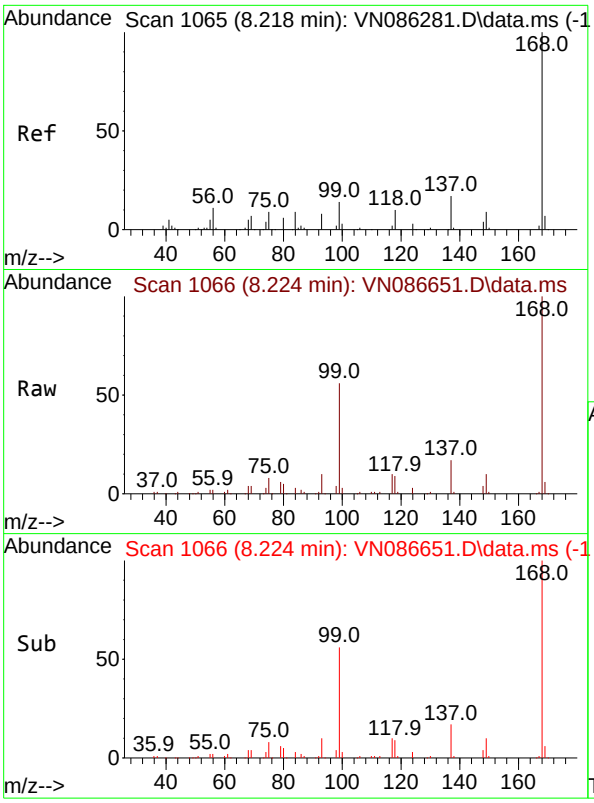


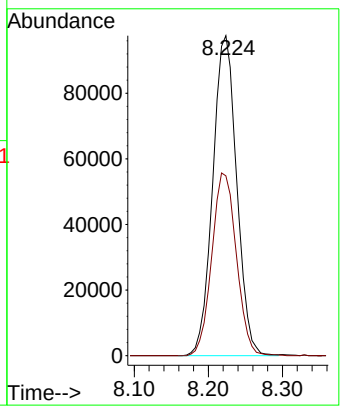


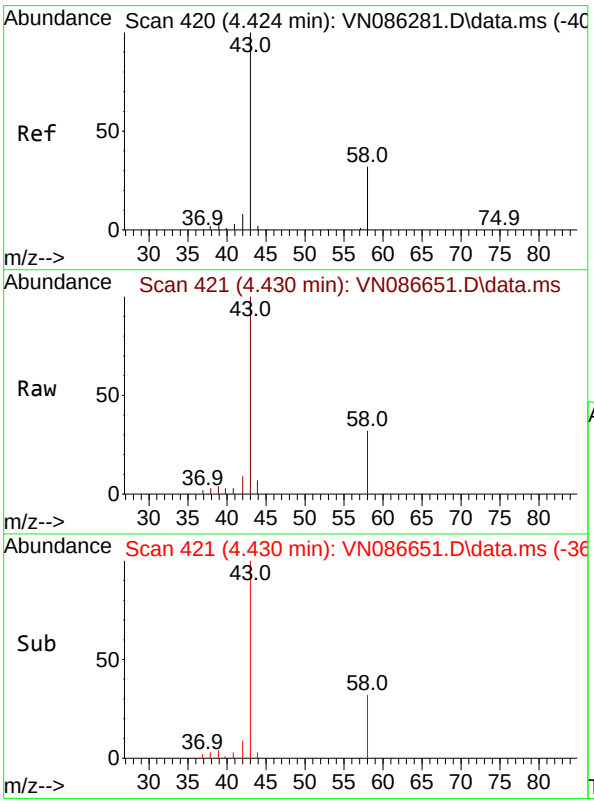
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#13

Tgt Ion:168 Resp: 218644

Ion	Ratio	Lower	Upper
168	100		
99	56.2	52.5	78.7

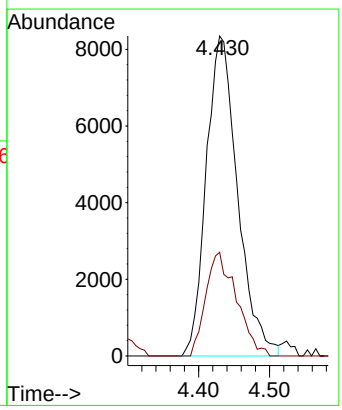


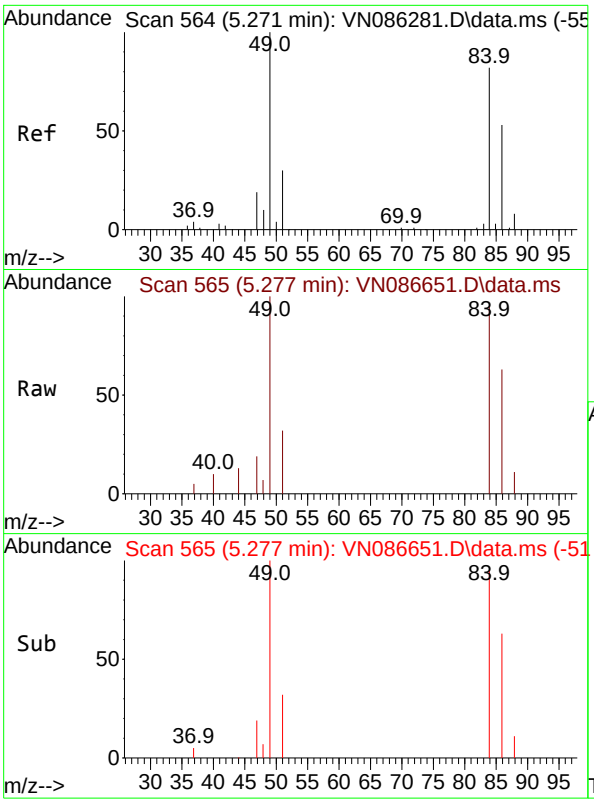


#16
Acetone
Concen: 18.065 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Tgt Ion: 43 Resp: 25606

Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.3	37.9



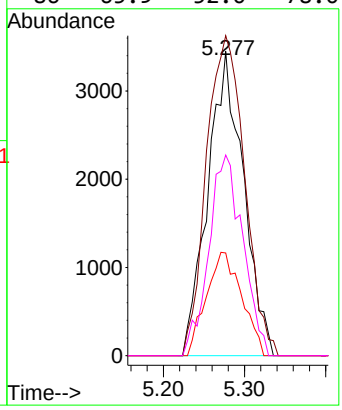


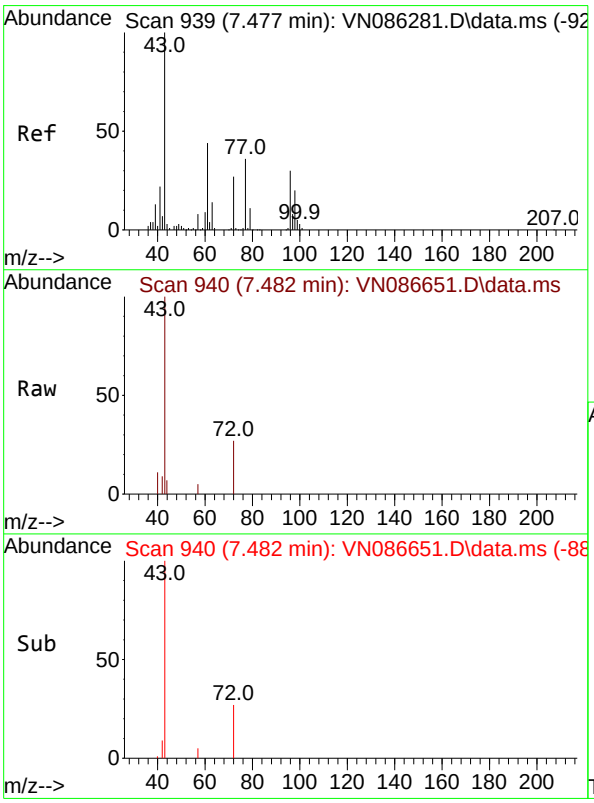
#20
Methylene Chloride
Concen: 3.581 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#13

Tgt Ion: 84 Resp: 10496

Ion	Ratio	Lower	Upper
84	100		
49	105.1	98.2	147.2
51	33.7	29.8	44.6
86	65.9	52.0	78.0

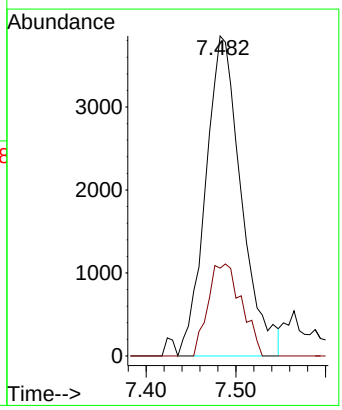


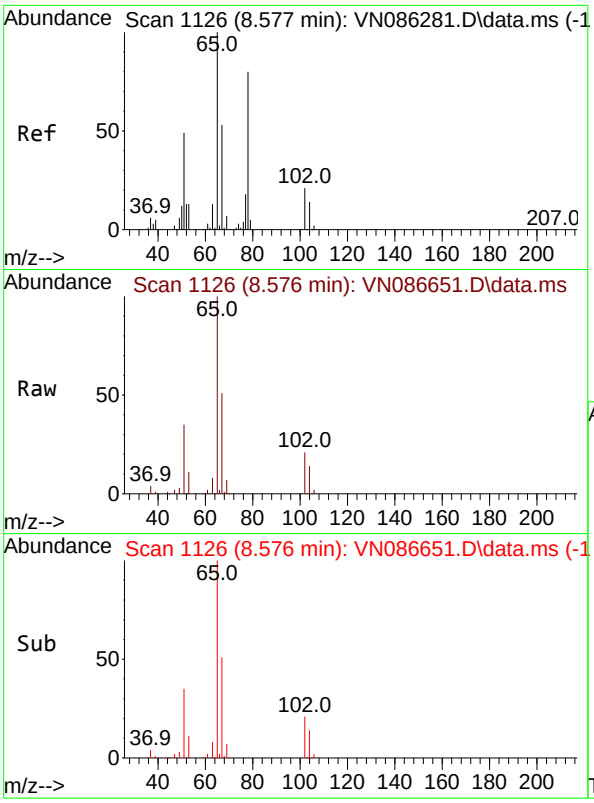


#25
2-Butanone
Concen: 5.389 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Tgt Ion: 43 Resp: 10636

Ion	Ratio	Lower	Upper
43	100		
72	27.4	21.7	32.5



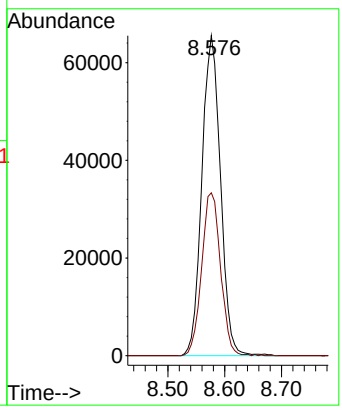


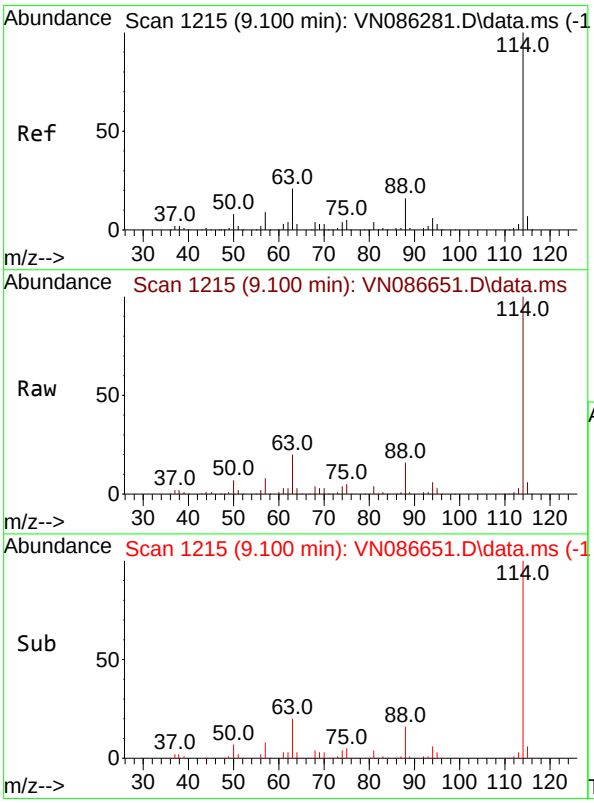
#33
1,2-Dichloroethane-d4
Concen: 47.015 ug/l
RT: 8.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#13

Tgt Ion: 65 Resp: 149064

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.0

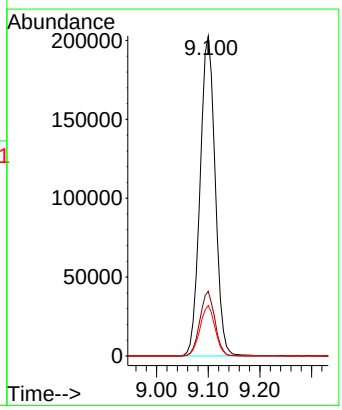


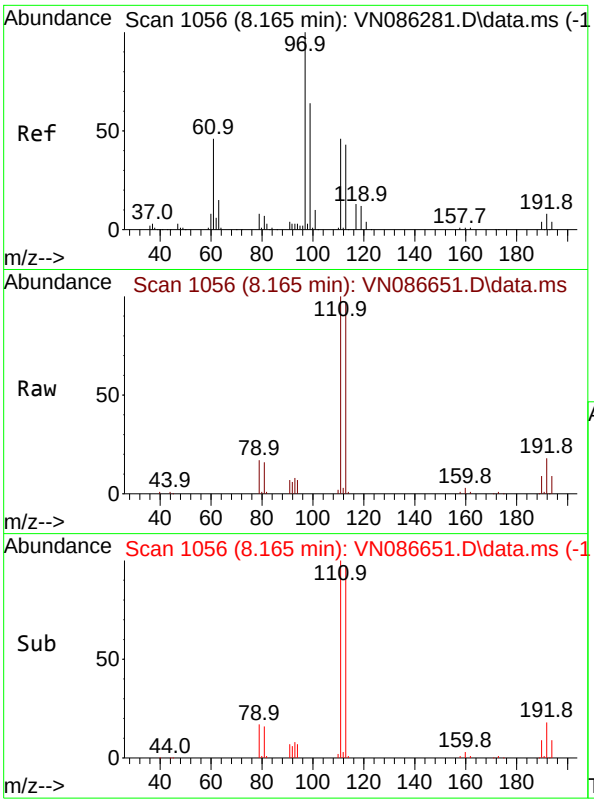


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Tgt Ion:114 Resp: 412155

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	15.7	0.0	31.8



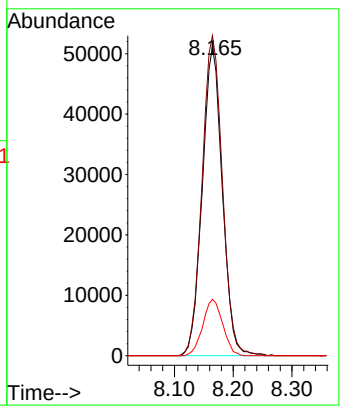


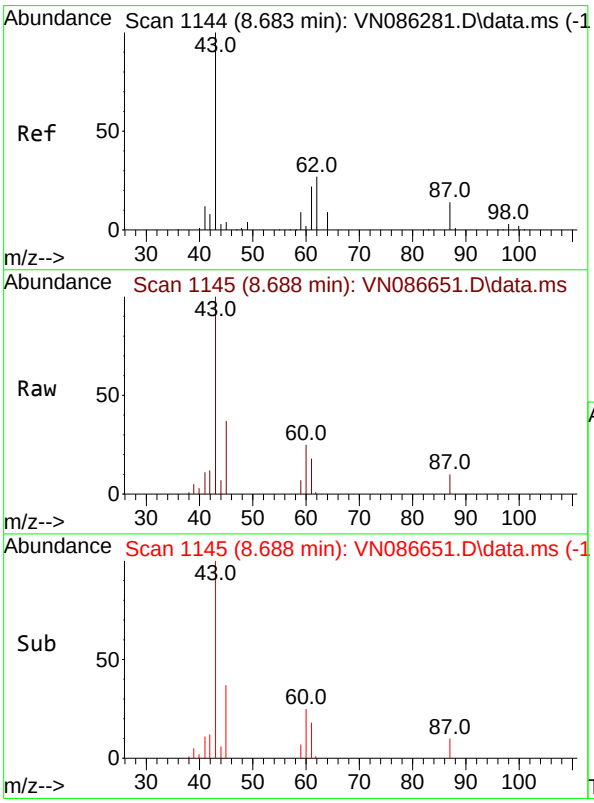
#35
Dibromofluoromethane
Concen: 63.389 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#13

Tgt Ion:113 Resp: 121254

Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.4	125.0
192	18.1	13.7	20.5

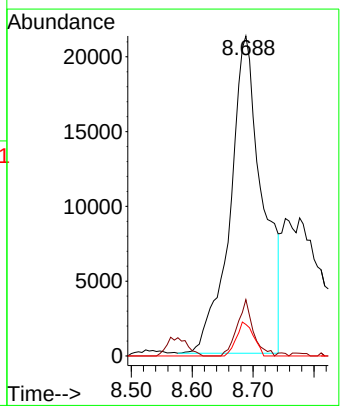


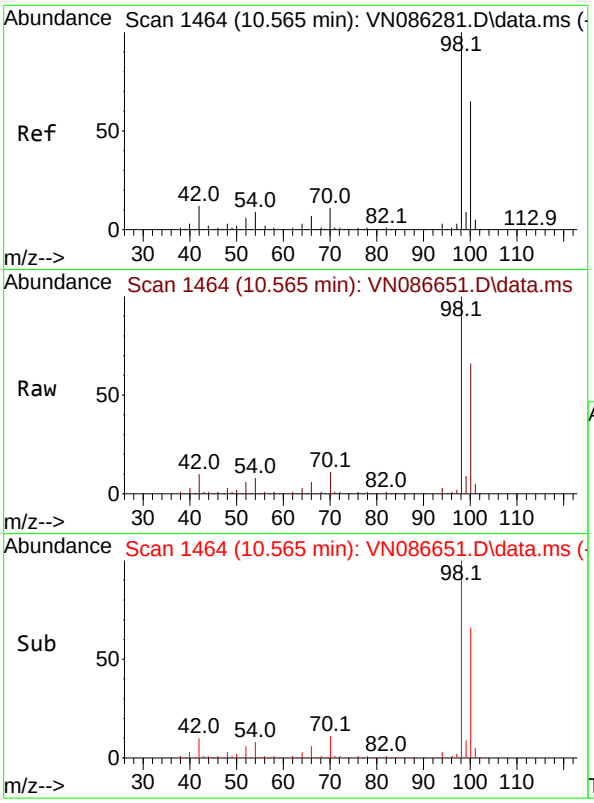


#43
Isopropyl Acetate
Concen: 9.140 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Tgt Ion: 43 Resp: 78204

Ion	Ratio	Lower	Upper
43	100		
61	8.7	20.5	30.7#
87	5.6	10.5	15.7#



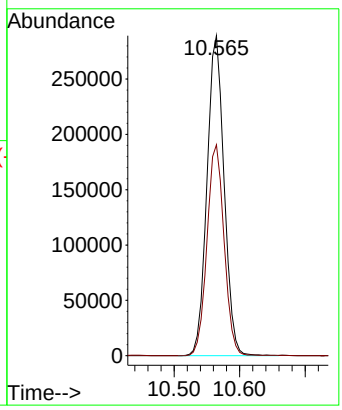


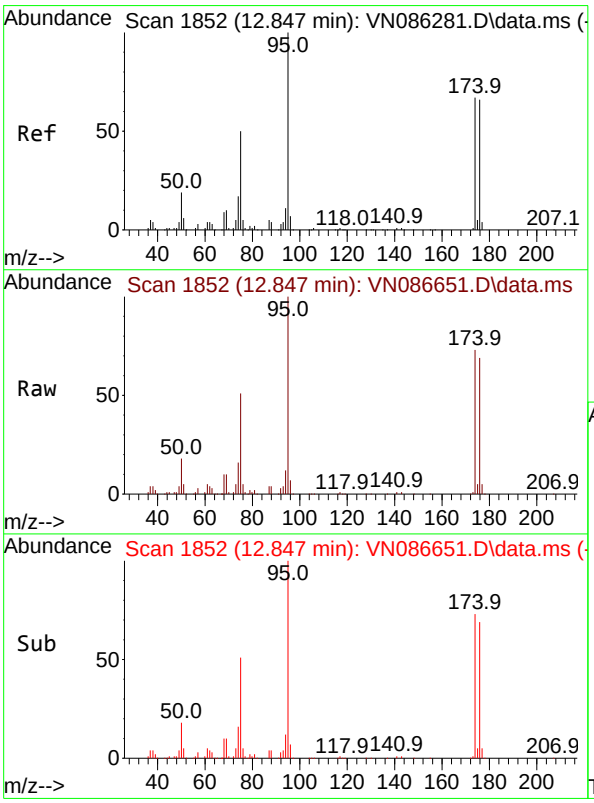
#50
Toluene-d8
Concen: 51.314 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#13

Tgt Ion: 98 Resp: 524595

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.5	78.7

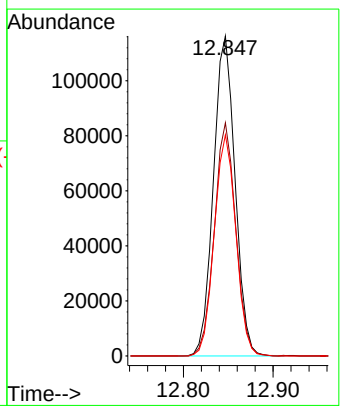


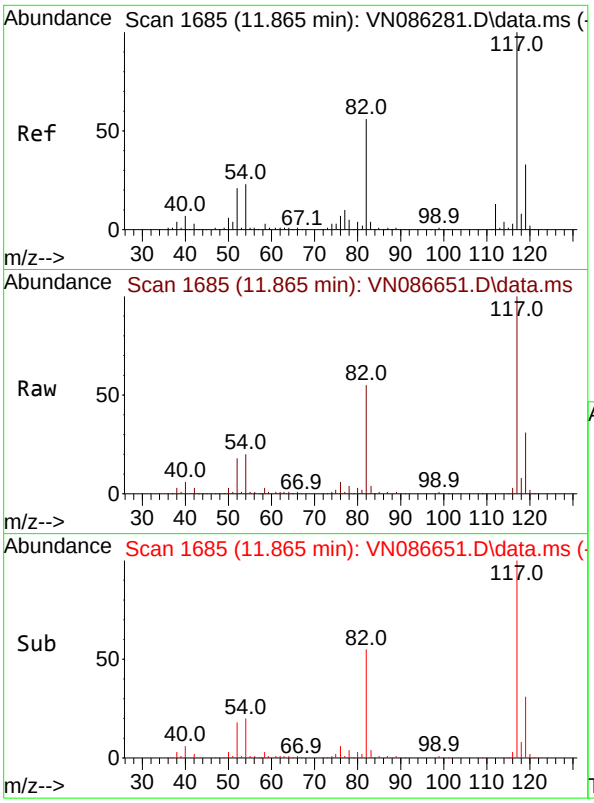


#62
4-Bromofluorobenzene
Concen: 52.175 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Tgt Ion: 95 Resp: 194555

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	133.4
176	69.0	0.0	129.2



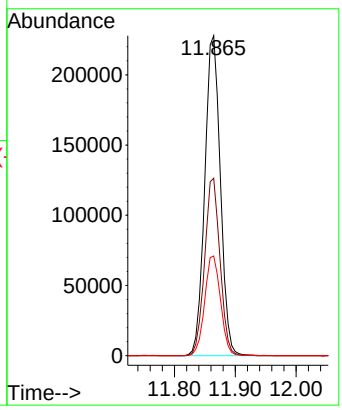


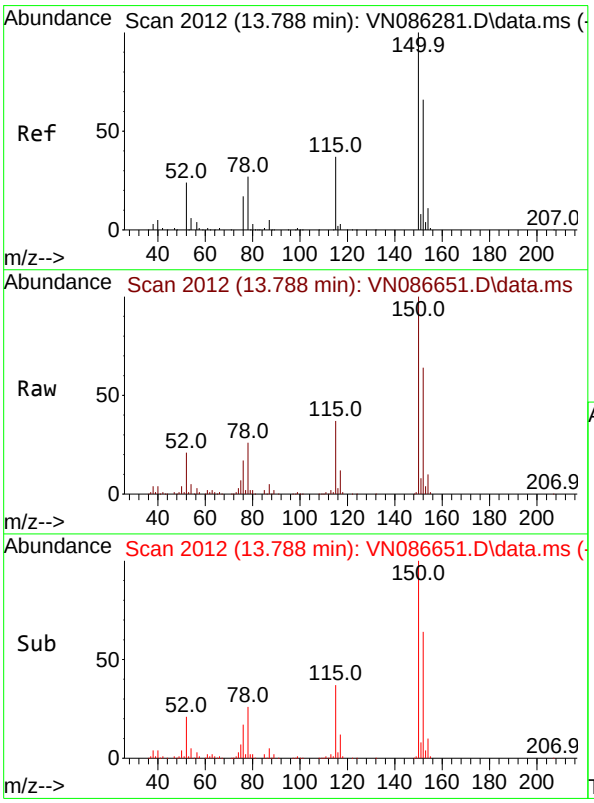
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#13

Tgt Ion:117 Resp: 405482

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.7	67.1
119	31.1	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086651.D
Acq: 15 May 2025 17:36

Tgt Ion:152 Resp: 169648

Ion	Ratio	Lower	Upper
152	100		
115	59.9	31.9	95.9
150	157.4	0.0	352.0