Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
Data File : VN086646.D
Acq On : 15 May 2025 15:36
Operator : JC\MD
Sample : PB167995ZHE#08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#08

Quant Time: May 16 05:28:57 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	205135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	384057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	165181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138205	46.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.920%			
35) Dibromofluoromethane	8.165	113	113252	63.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 127.080%#			
50) Toluene-d8	10.565	98	495033	51.965	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.920%			
62) 4-Bromofluorobenzene	12.847	95	184855	53.201	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.400%			
Target Compounds						Qvalue
16) Acetone	4.436	43	26282	20.312	ug/l	95
20) Methylene Chloride	5.271	84	7813	2.841	ug/l #	72
25) 2-Butanone	7.483	43	9665	5.220	ug/l	100
43) Isopropyl Acetate	8.688	43	53643	6.221	ug/l #	77

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

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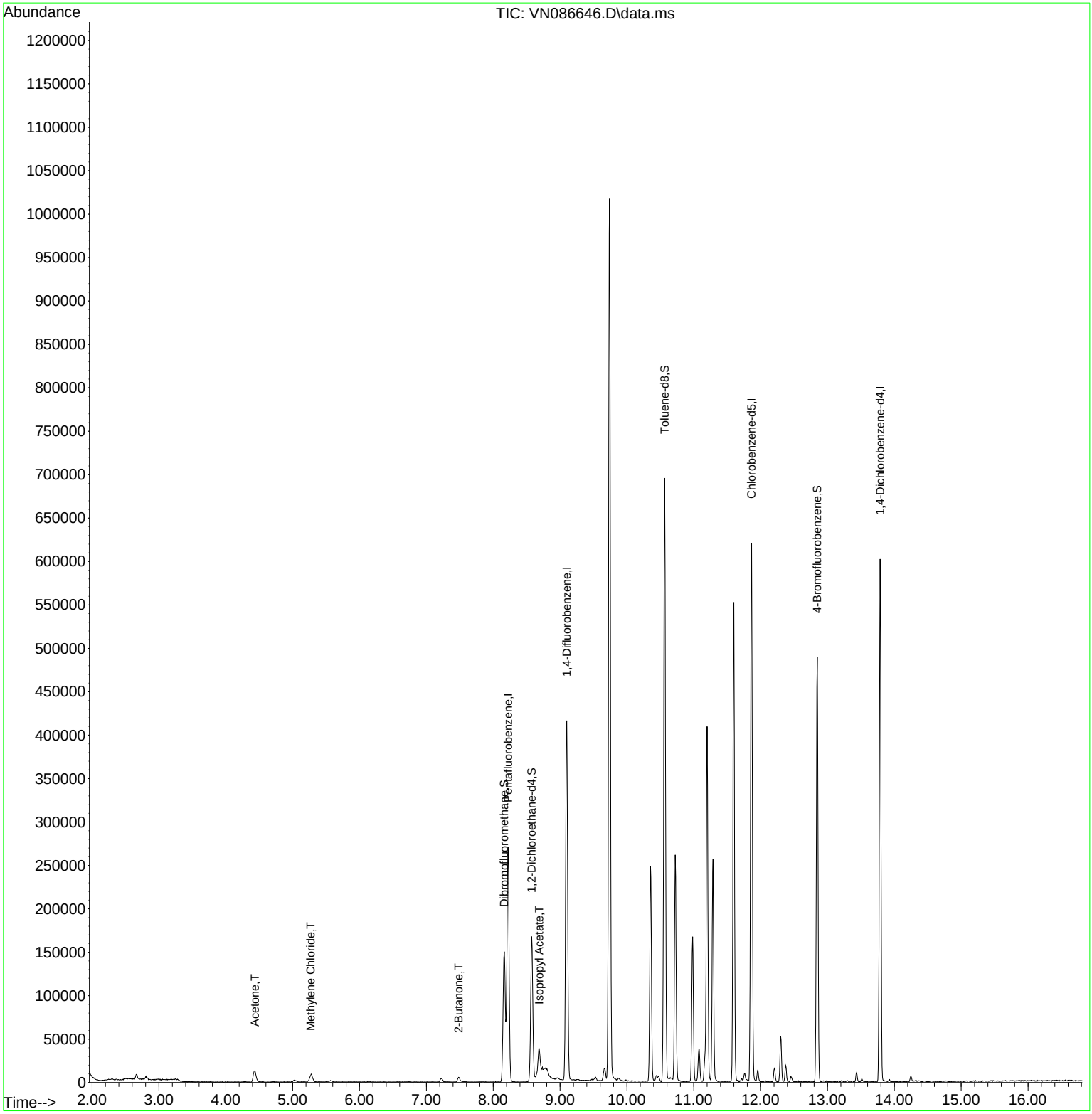
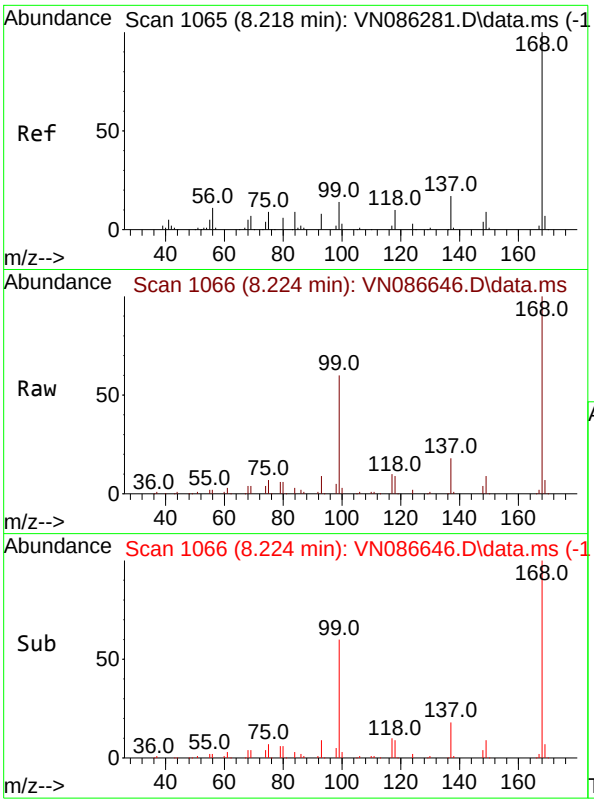


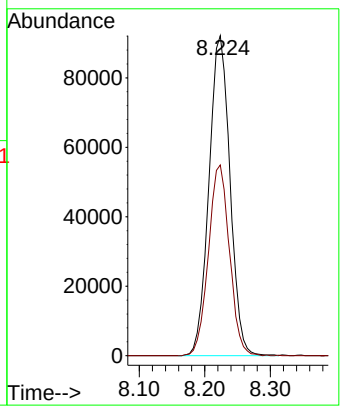


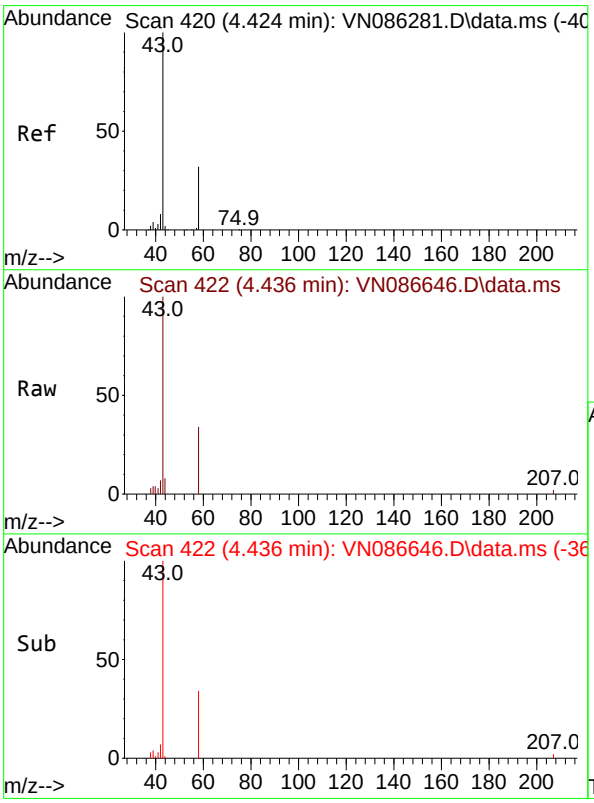
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#08

Tgt Ion:168 Resp: 205135

Ion	Ratio	Lower	Upper
168	100		
99	59.6	52.5	78.7

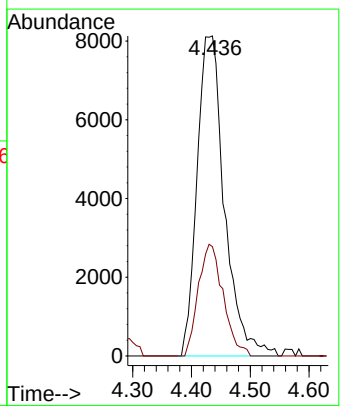


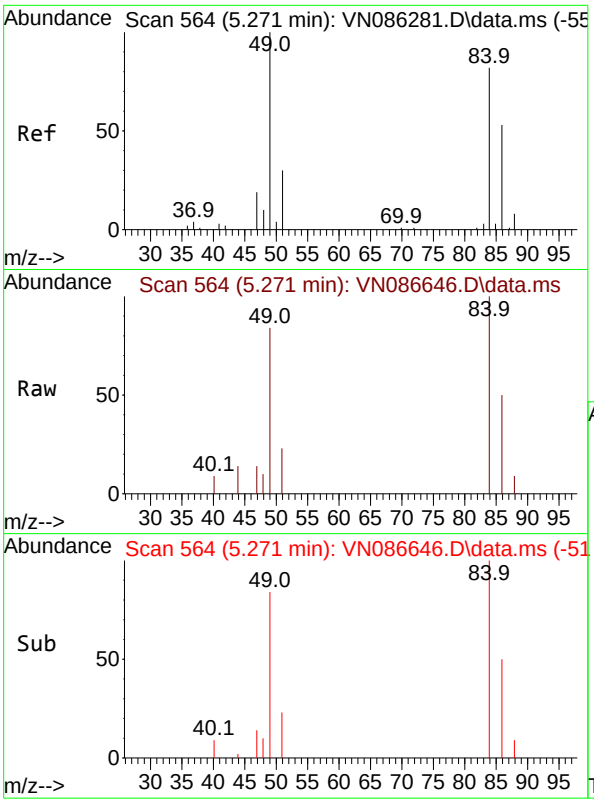


#16
Acetone
Concen: 20.312 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Tgt Ion: 43 Resp: 26282

Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.3	37.9



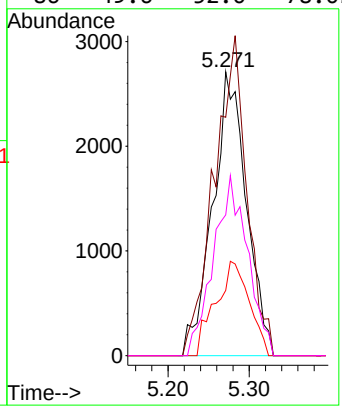


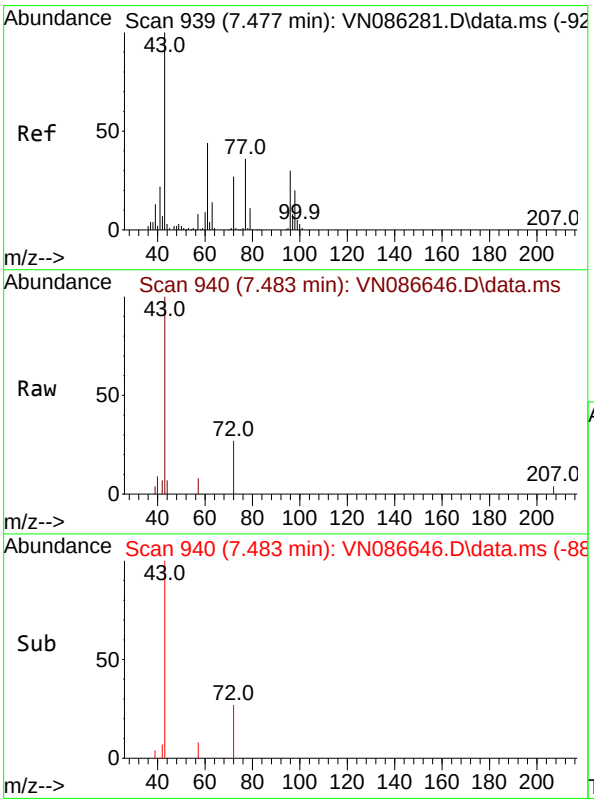
#20
Methylene Chloride
Concen: 2.841 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#08

Tgt Ion: 84 Resp: 7813

Ion	Ratio	Lower	Upper
84	100		
49	84.0	98.2	147.2#
51	23.0	29.8	44.6#
86	49.6	52.0	78.0#

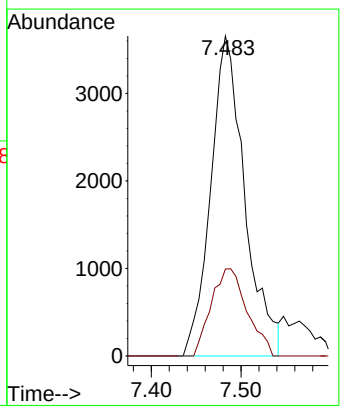


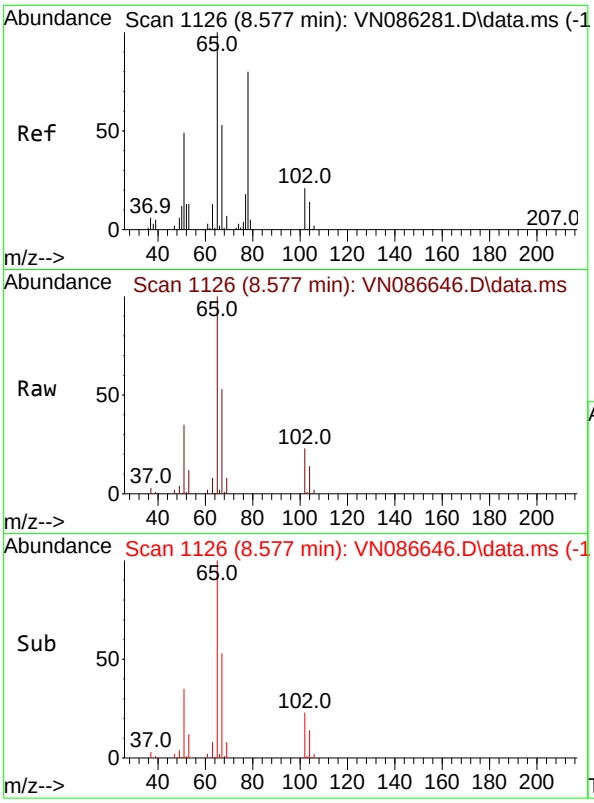


#25
2-Butanone
Concen: 5.220 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Tgt Ion: 43 Resp: 9665

Ion	Ratio	Lower	Upper
43	100		
72	27.1	21.7	32.5



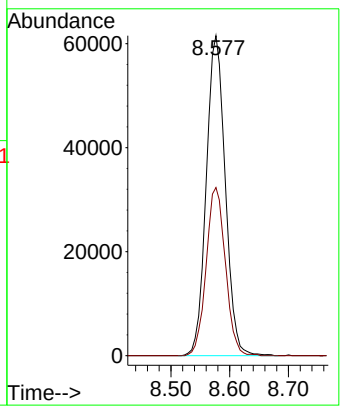


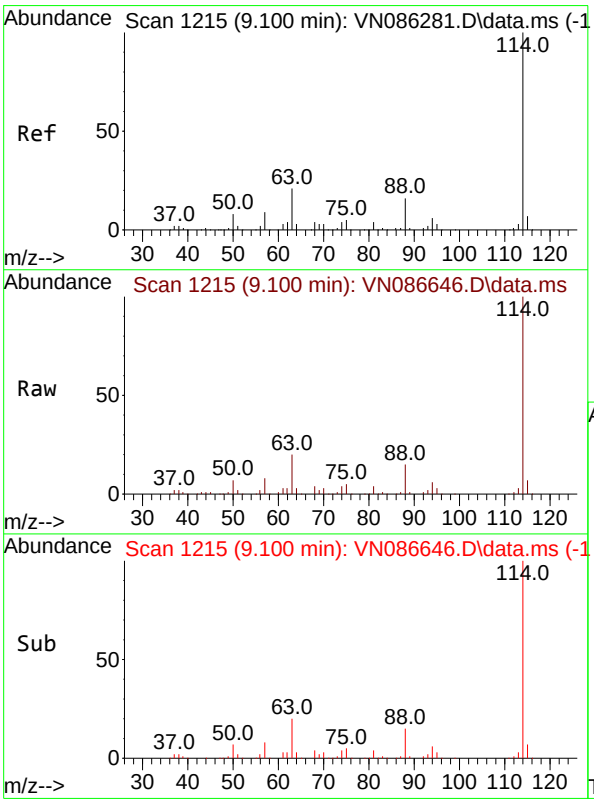
#33
1,2-Dichloroethane-d4
Concen: 46.461 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#08

Tgt Ion: 65 Resp: 138205

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.0

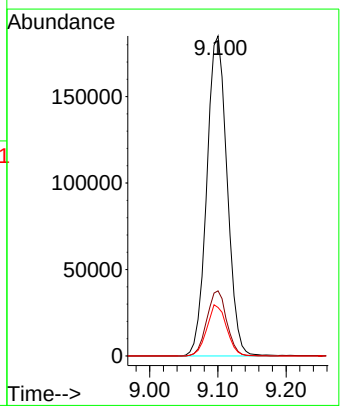


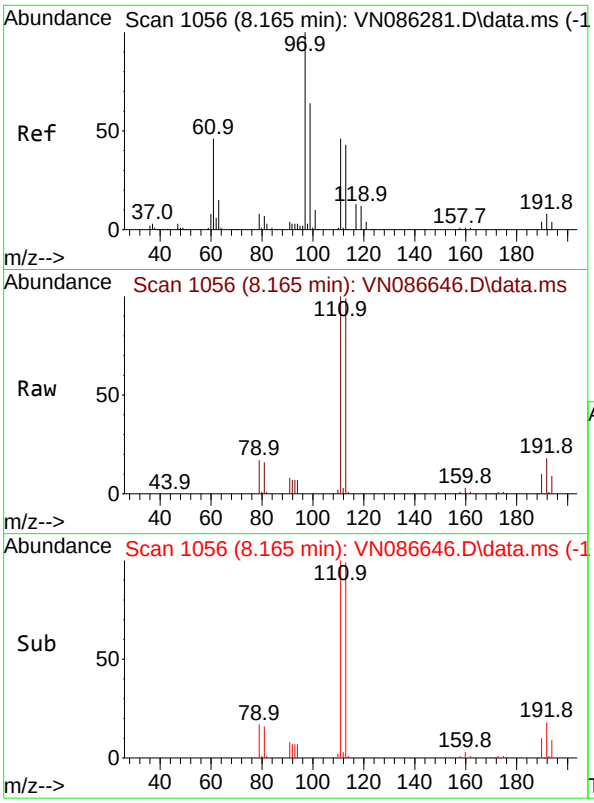


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Tgt Ion:114 Resp: 384057

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	15.1	0.0	31.8



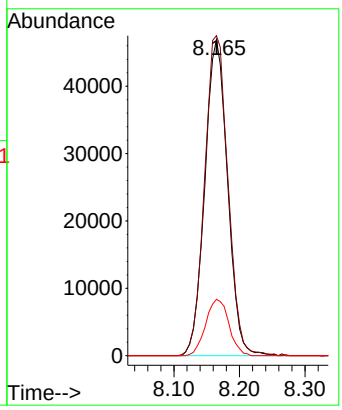


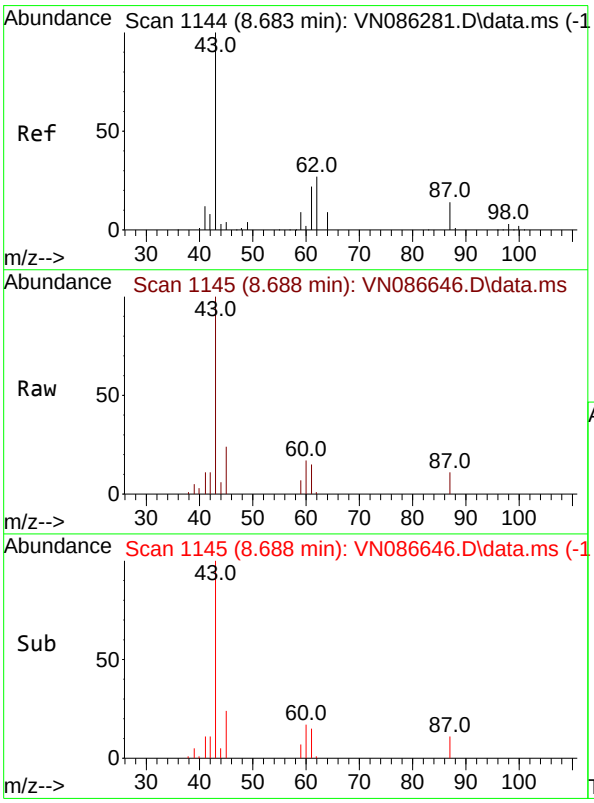
#35
Dibromofluoromethane
Concen: 63.537 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#08

Tgt Ion:113 Resp: 113252

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.0
192	18.2	13.7	20.5

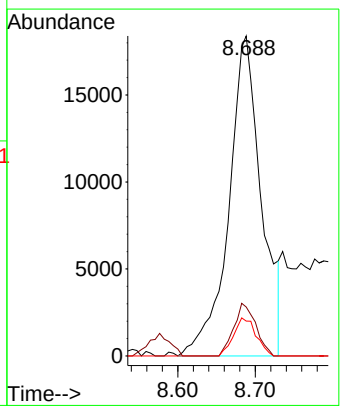


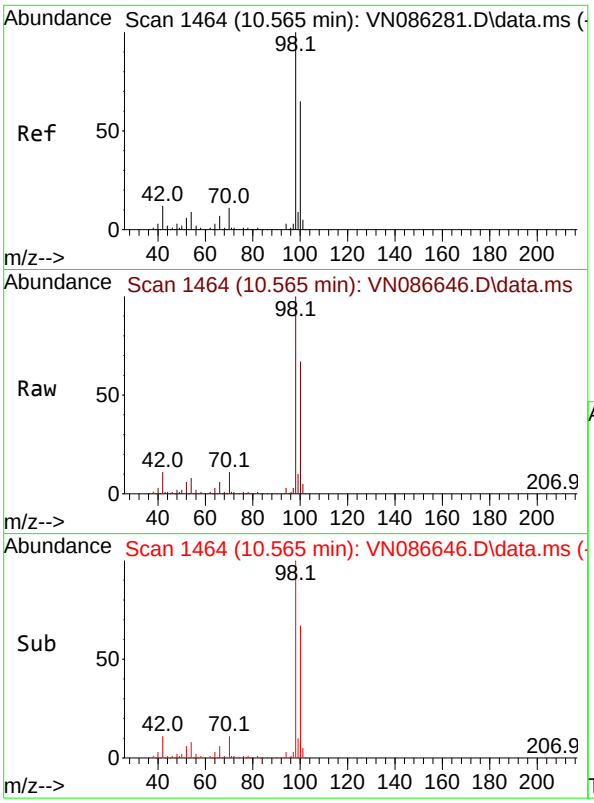


#43
Isopropyl Acetate
Concen: 6.221 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Tgt Ion: 43 Resp: 53643

Ion	Ratio	Lower	Upper
43	100		
61	11.2	20.5	30.7#
87	8.3	10.5	15.7#



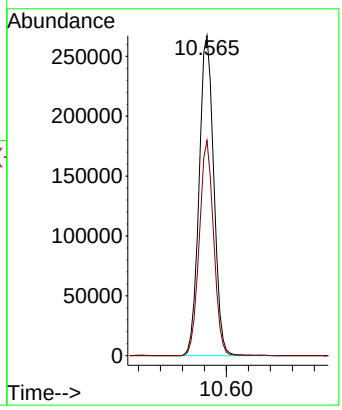


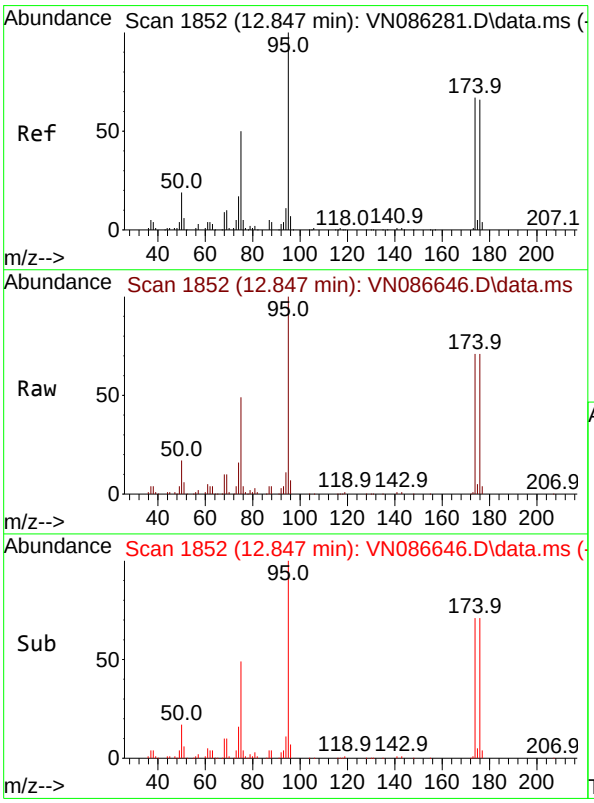
#50
Toluene-d8
Concen: 51.965 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#08

Tgt Ion: 98 Resp: 495033

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.5	78.7

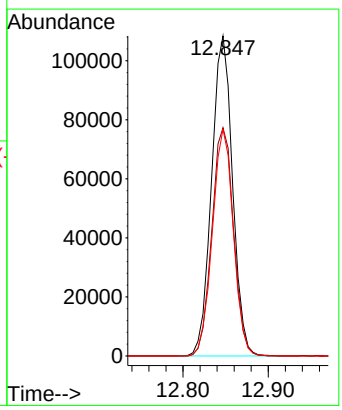


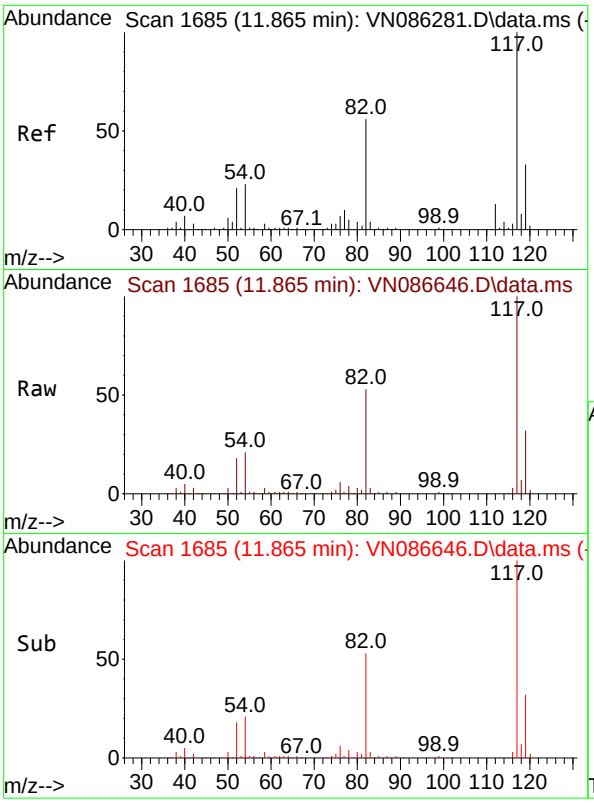


#62
4-Bromofluorobenzene
Concen: 53.201 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Tgt Ion: 95 Resp: 184855

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	133.4
176	70.9	0.0	129.2



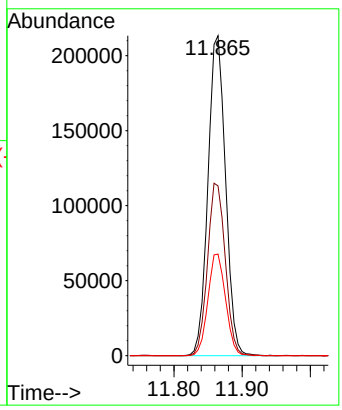


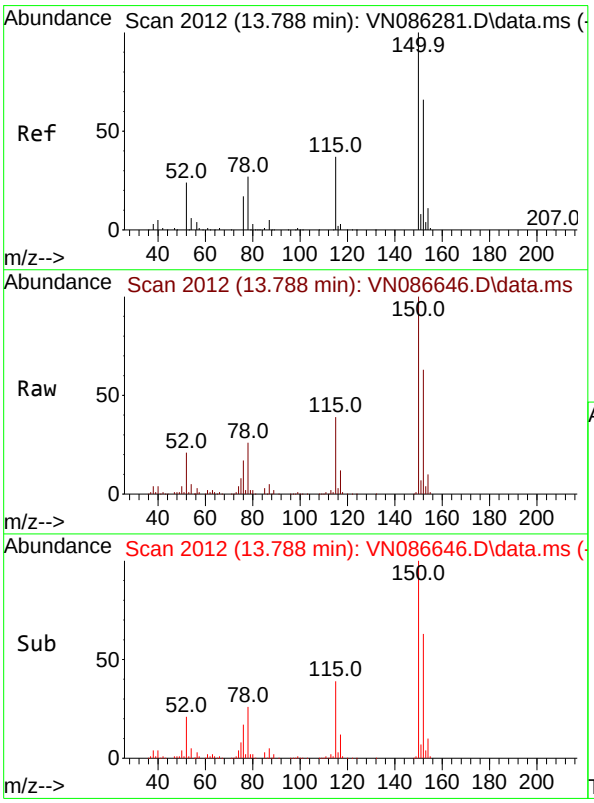
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086646.D
Acq: 15 May 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#08

Tgt Ion:117 Resp: 383008

Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.7	67.1
119	31.8	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: VN086646.D
Acq: 15 May 2025 15:36

Tgt Ion:152 Resp: 165181

Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.9	95.9
150	158.3	0.0	352.0