Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
Data File : VN086347.D
Acq On : 18 Apr 2025 16:31
Operator : JC\MD
Sample : PB167623ZHE#12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Quant Time: Apr 19 02:27:41 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	180781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	349009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131382	50.117	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.240%			
35) Dibromofluoromethane	8.165	113	86878	53.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.280%			
50) Toluene-d8	10.565	98	446799	51.611	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.847	95	166122	52.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.220%			
Target Compounds						Qvalue
16) Acetone	4.430	43	35054	33.739	ug/l	100
18) Methyl Acetate	5.018	43	4000	1.271	ug/l #	75
20) Methylene Chloride	5.265	84	4220	1.741	ug/l #	87
43) Isopropyl Acetate	8.688	43	48361	6.157	ug/l #	75

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

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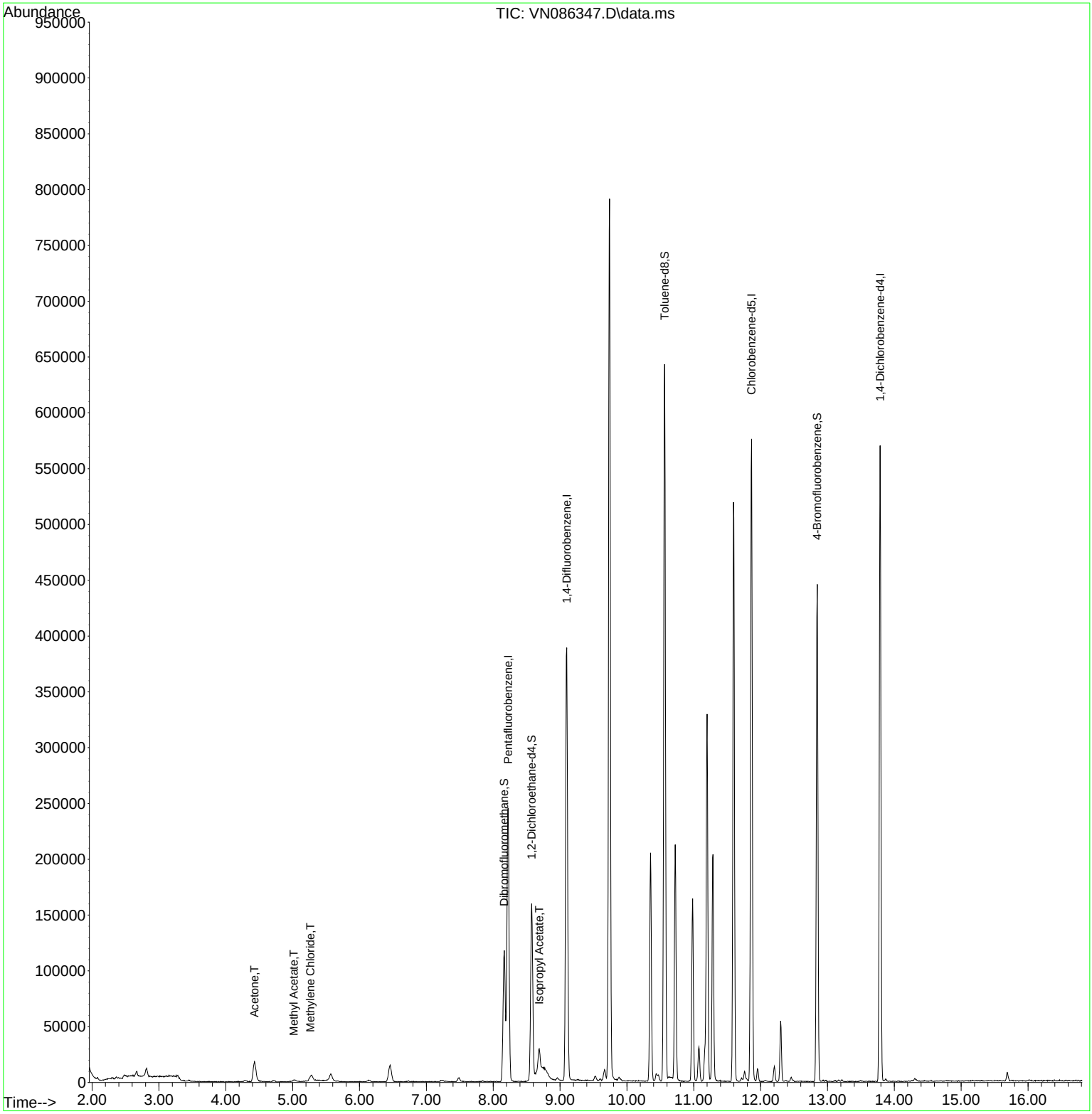
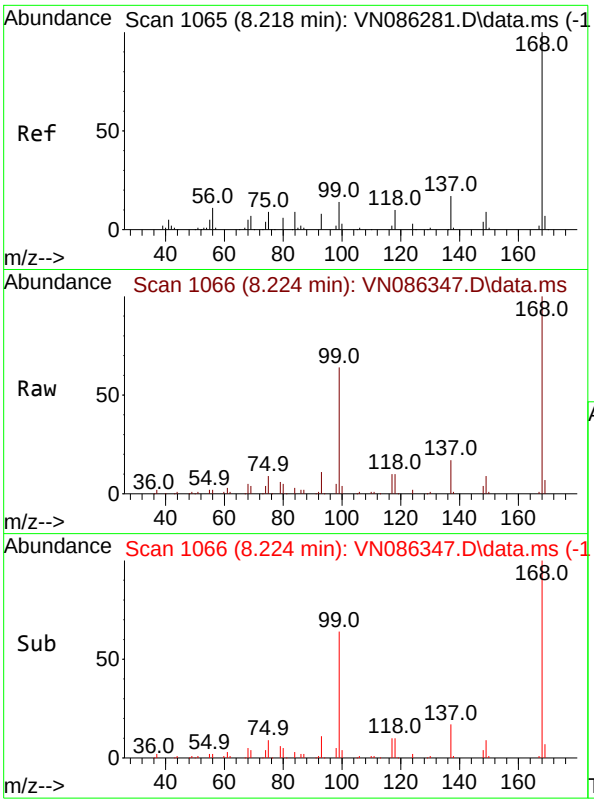


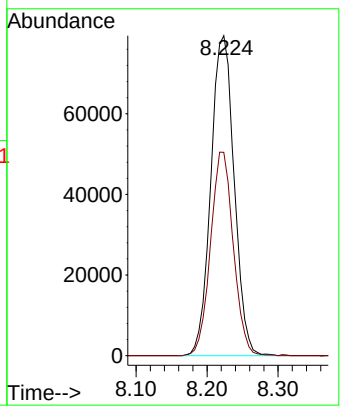


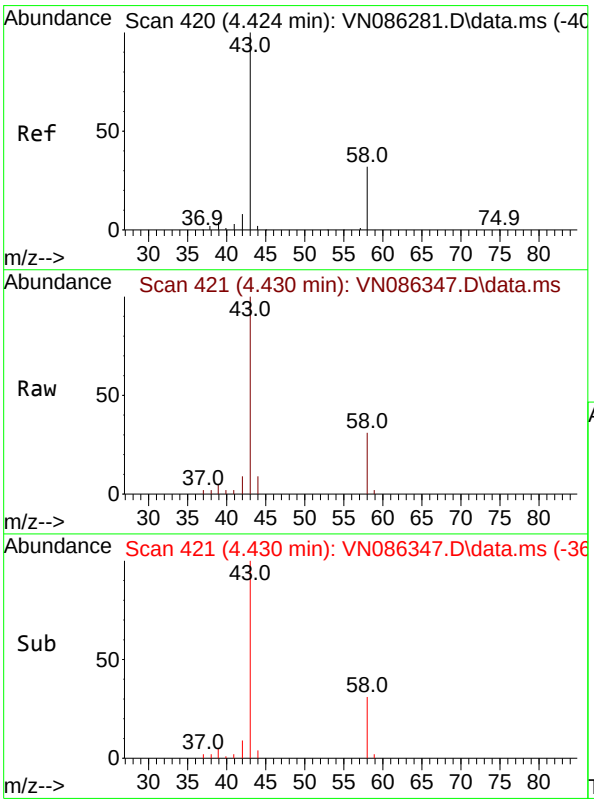
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion:168 Resp: 180781

Ion	Ratio	Lower	Upper
168	100		
99	63.6	52.5	78.7

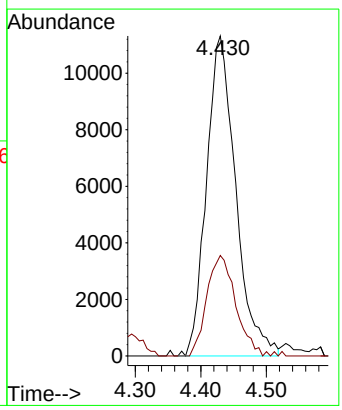


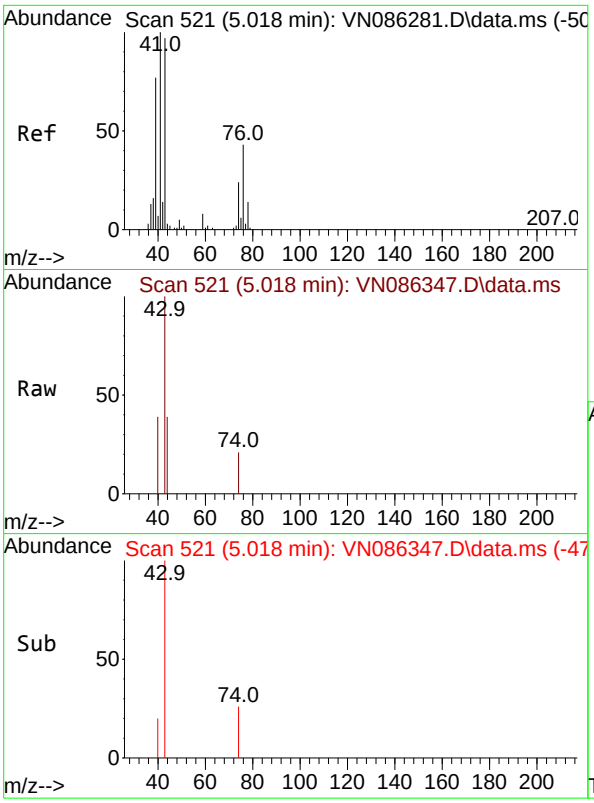


#16
Acetone
Concen: 33.739 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 43 Resp: 35054

Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.3	37.9



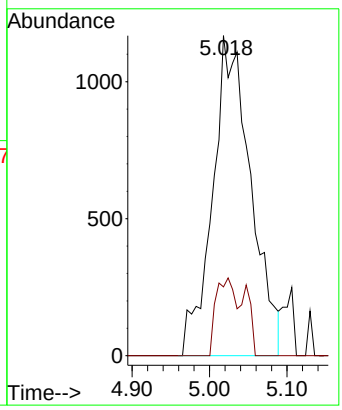


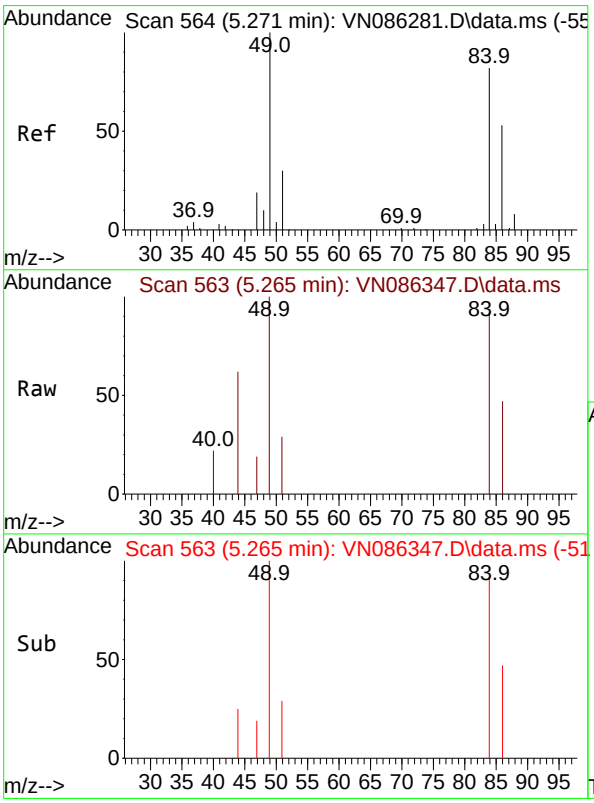
#18
Methyl Acetate
Concen: 1.271 ug/l
RT: 5.018 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 43 Resp: 4000

Ion	Ratio	Lower	Upper
43	100		
74	12.4	19.8	29.6#

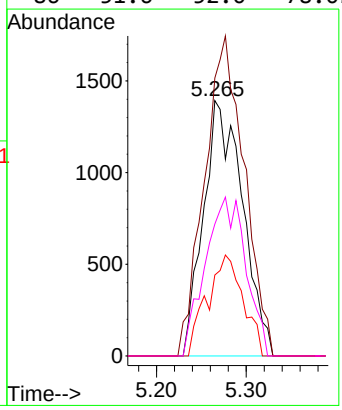


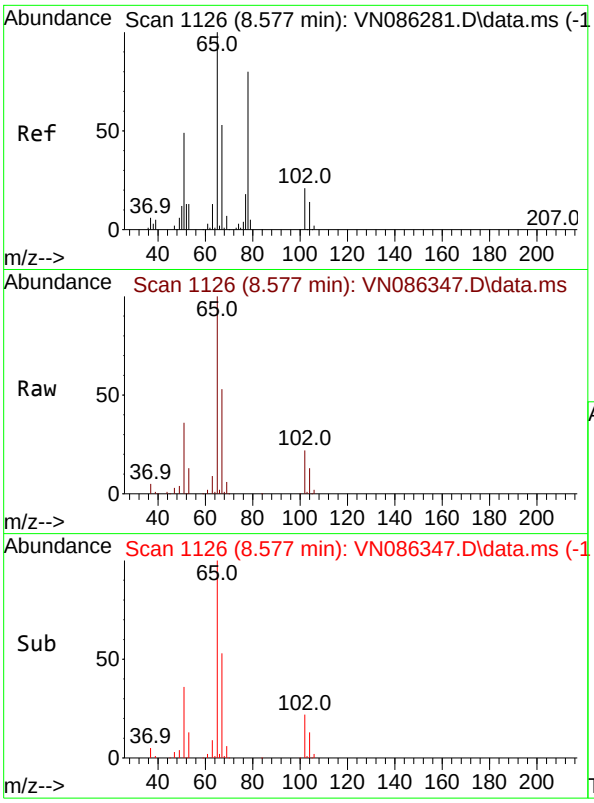


#20
Methylene Chloride
Concen: 1.741 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 84 Resp: 4220

Ion	Ratio	Lower	Upper
84	100		
49	108.8	98.2	147.2
51	31.7	29.8	44.6
86	51.6	52.0	78.0#



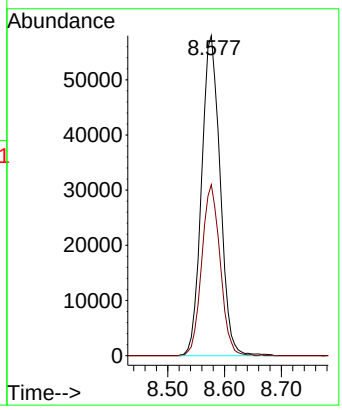


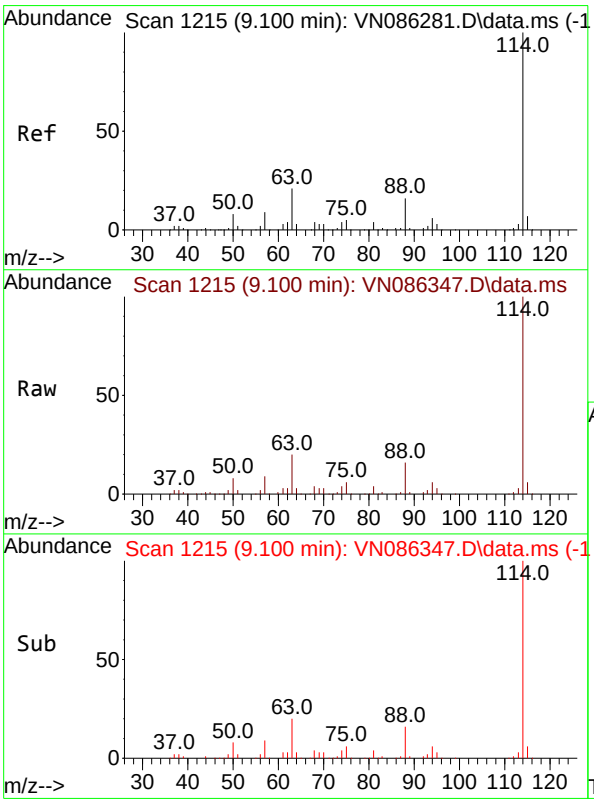
#33
1,2-Dichloroethane-d4
Concen: 50.117 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 65 Resp: 131382

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.0

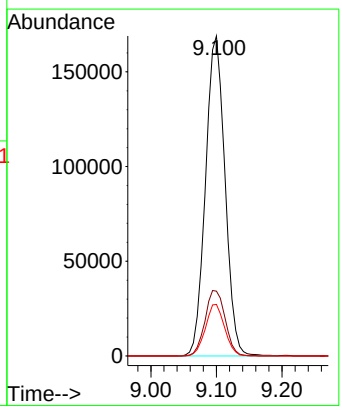


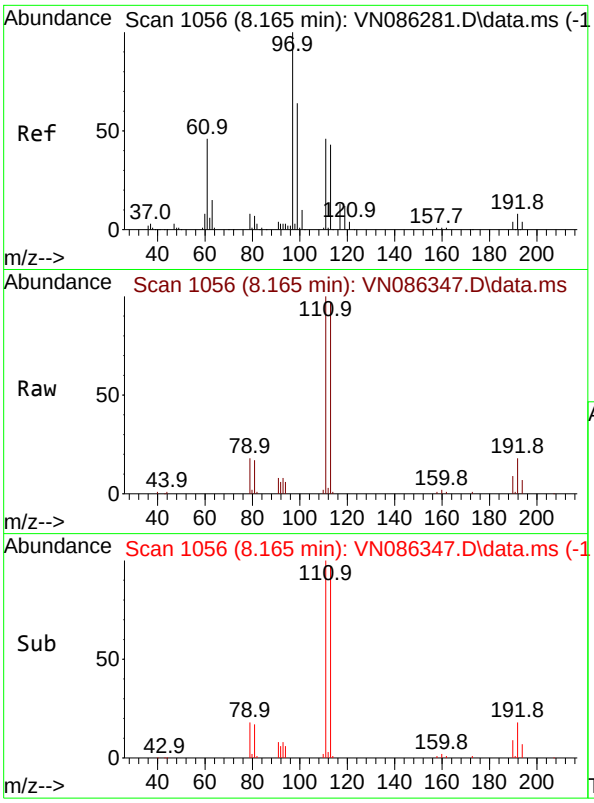


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion:114 Resp: 349009

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	16.1	0.0	31.8



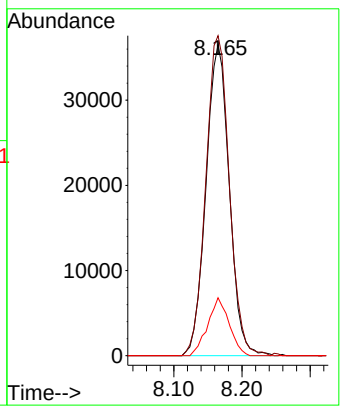


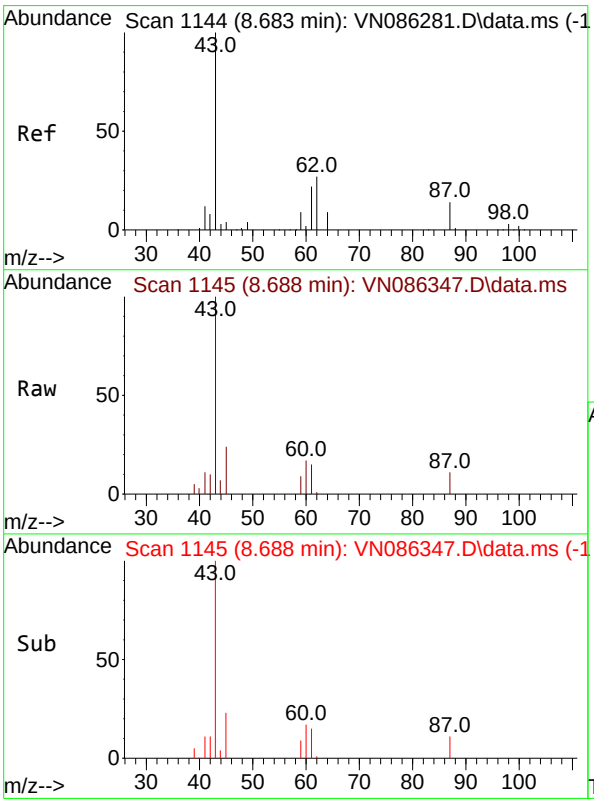
#35
Dibromofluoromethane
Concen: 53.635 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion:113 Resp: 86878

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.0
192	17.1	13.7	20.5

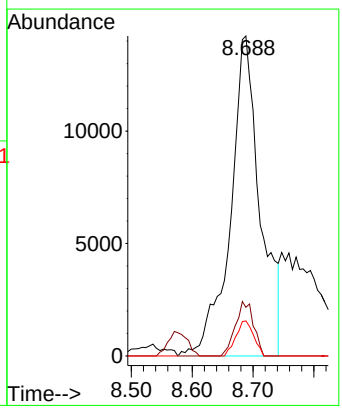


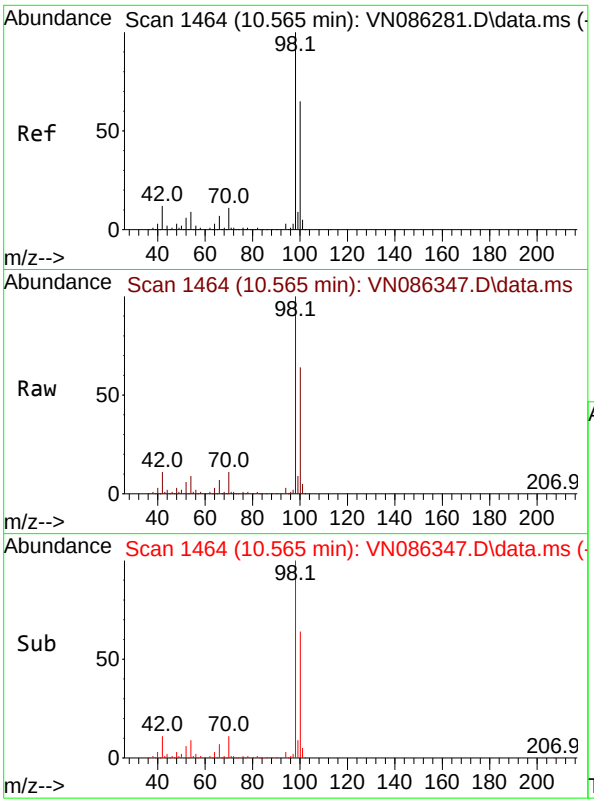


#43
Isopropyl Acetate
Concen: 6.157 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 43 Resp: 48361

Ion	Ratio	Lower	Upper
43	100		
61	10.4	20.5	30.7#
87	6.5	10.5	15.7#



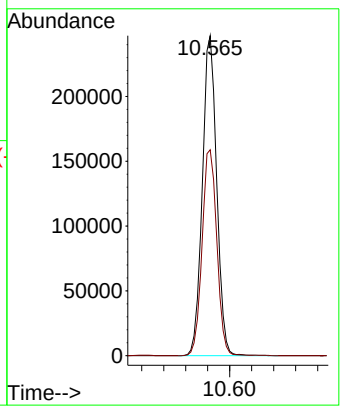


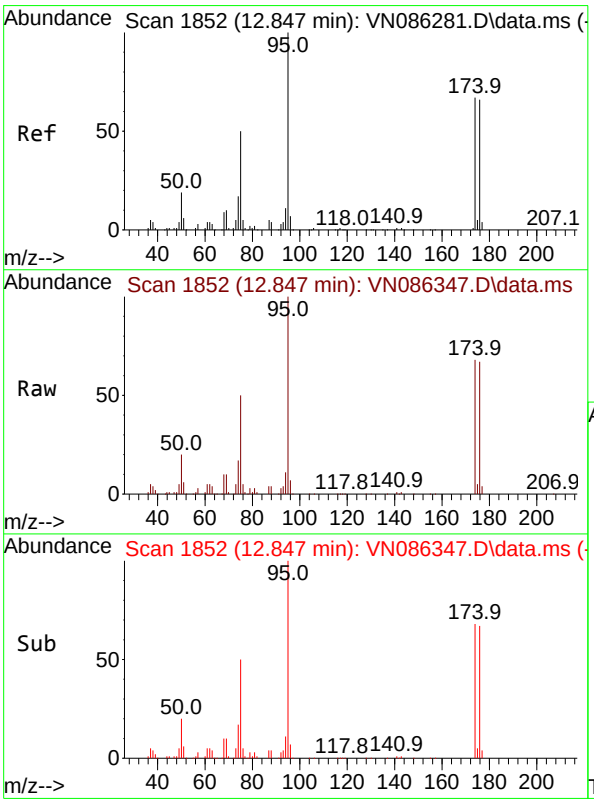
#50
Toluene-d8
Concen: 51.611 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 98 Resp: 446799

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.5	78.7

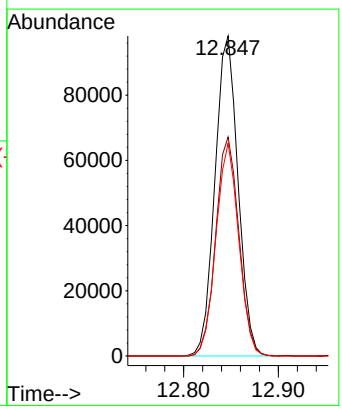


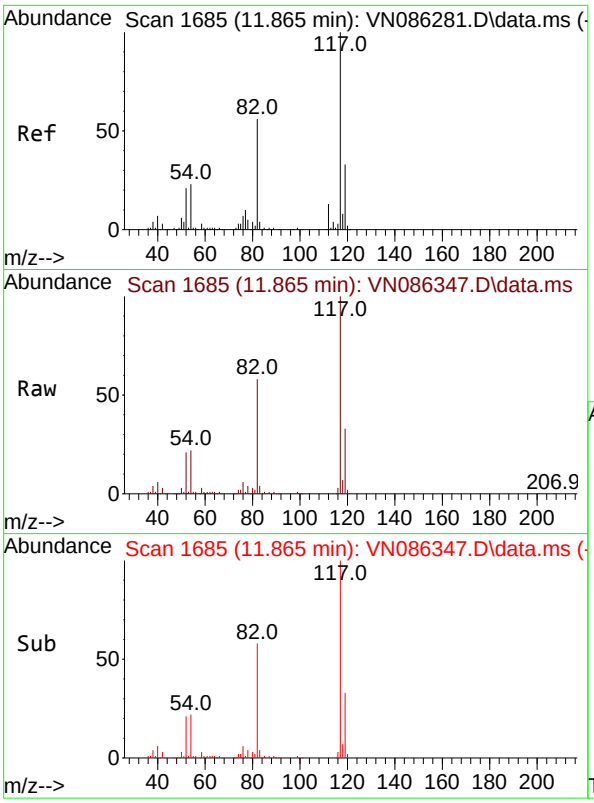


#62
4-Bromofluorobenzene
Concen: 52.611 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 95 Resp: 166122

Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	133.4
176	65.5	0.0	129.2



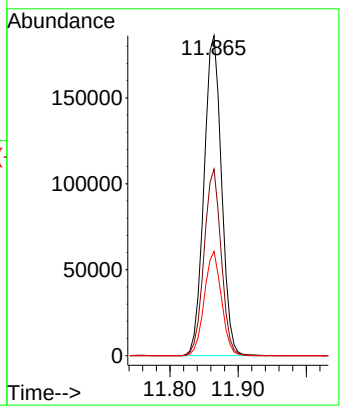


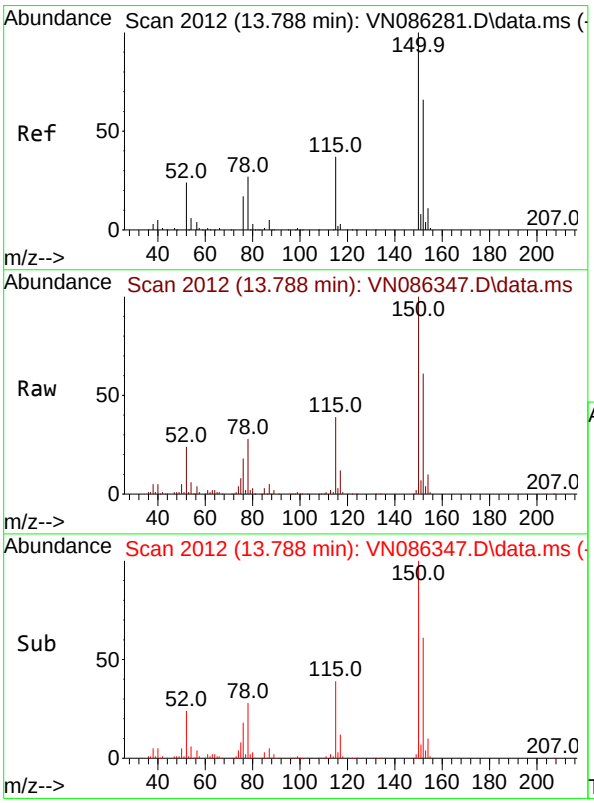
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion:117 Resp: 333121

Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.7	67.1
119	32.6	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: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion:152 Resp: 147750

Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.9	95.9
150	159.7	0.0	352.0