Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086041.D
Acq On : 21 Mar 2025 15:41
Operator : JC\MD
Sample : PB167234ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#01

Quant Time: Mar 21 22:59:04 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	145094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112226	56.485	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.960%			
35) Dibromofluoromethane	8.165	113	95750	51.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	10.565	98	353841	52.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.860%			
62) 4-Bromofluorobenzene	12.847	95	105907	44.423	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.840%			
Target Compounds						Qvalue
16) Acetone	4.436	43	26476	43.618	ug/l	99
20) Methylene Chloride	5.277	84	9759	5.496	ug/l #	82
25) 2-Butanone	7.494	43	6485	7.404	ug/l #	76
43) Isopropyl Acetate	8.688	43	92187	20.791	ug/l #	87

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

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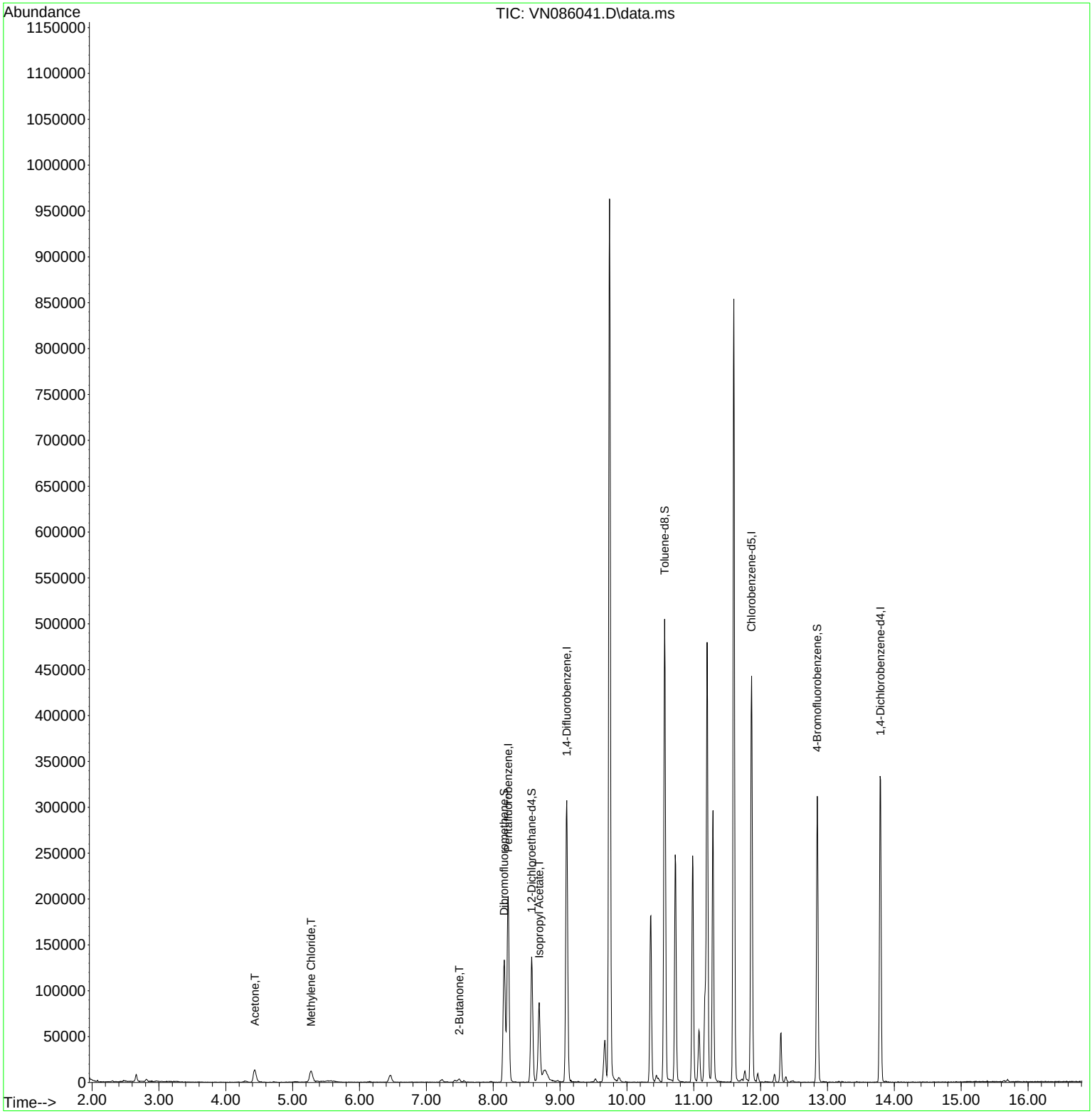
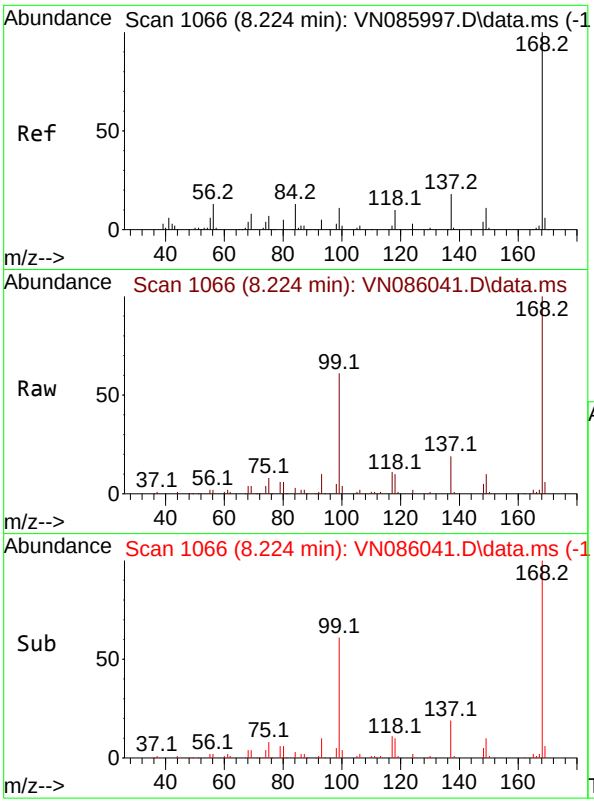


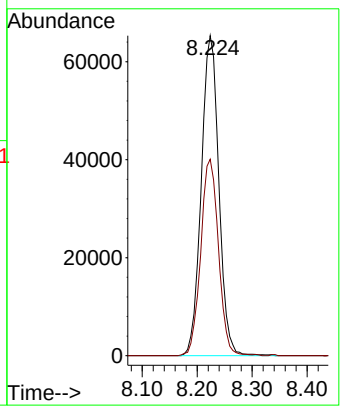


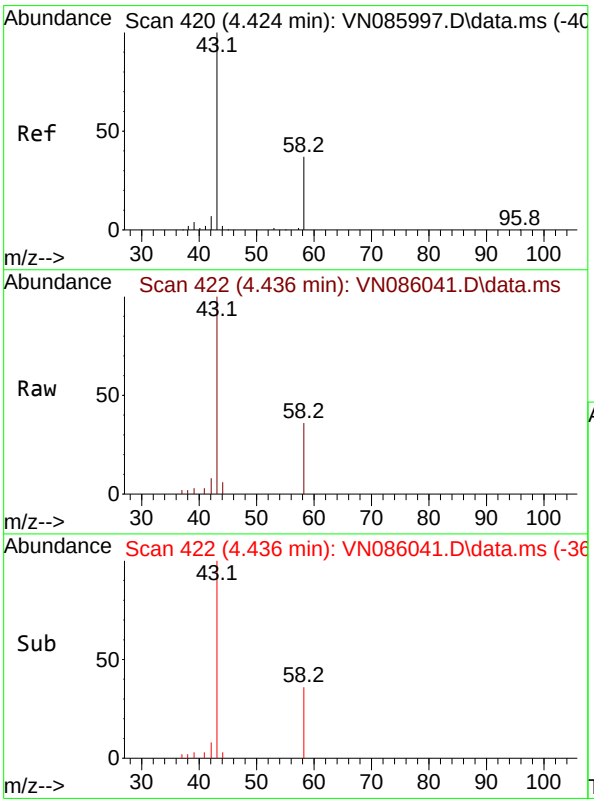
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#01

Tgt Ion:168 Resp: 145094

Ion	Ratio	Lower	Upper
168	100		
99	61.4	49.4	74.2

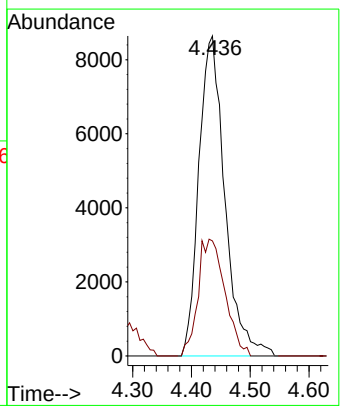


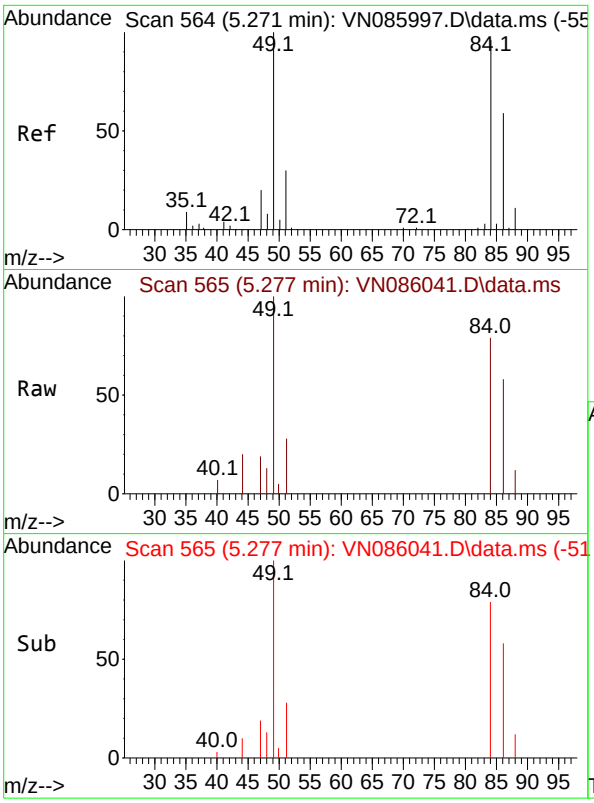


#16
Acetone
Concen: 43.618 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Tgt Ion: 43 Resp: 26476

Ion	Ratio	Lower	Upper
43	100		
58	35.9	29.4	44.2



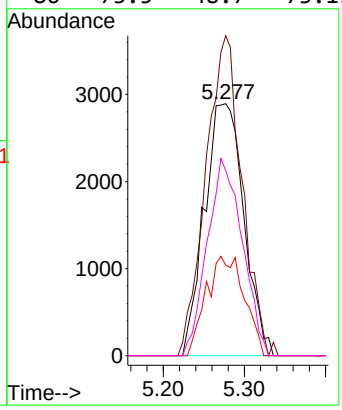


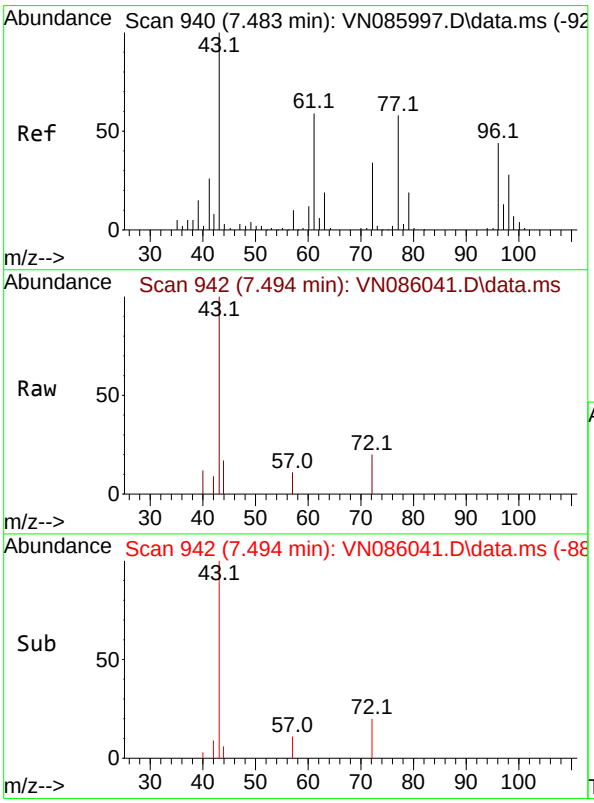
#20
Methylene Chloride
Concen: 5.496 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#01

Tgt Ion: 84 Resp: 9759

Ion	Ratio	Lower	Upper
84	100		
49	126.9	83.3	124.9#
51	36.0	24.8	37.2
86	73.5	48.7	73.1#

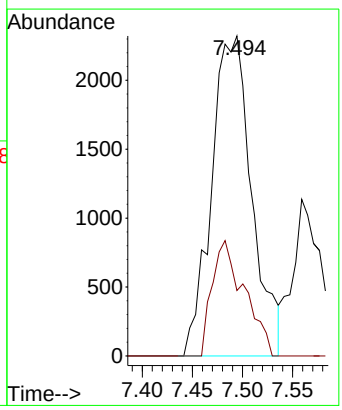


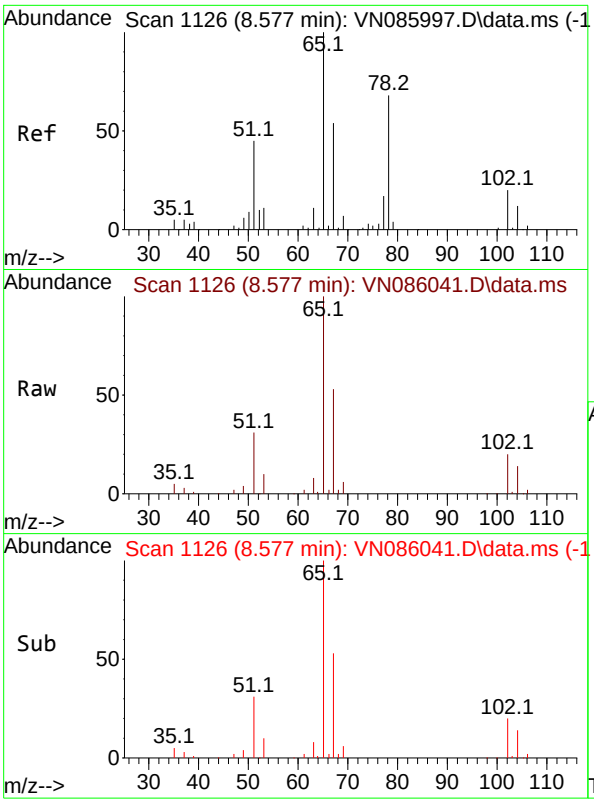


#25
2-Butanone
Concen: 7.404 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Tgt Ion: 43 Resp: 6485

Ion	Ratio	Lower	Upper
43	100		
72	20.5	27.4	41.0#



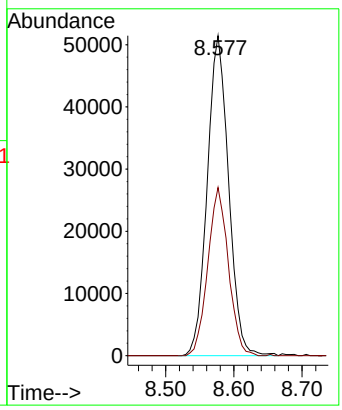


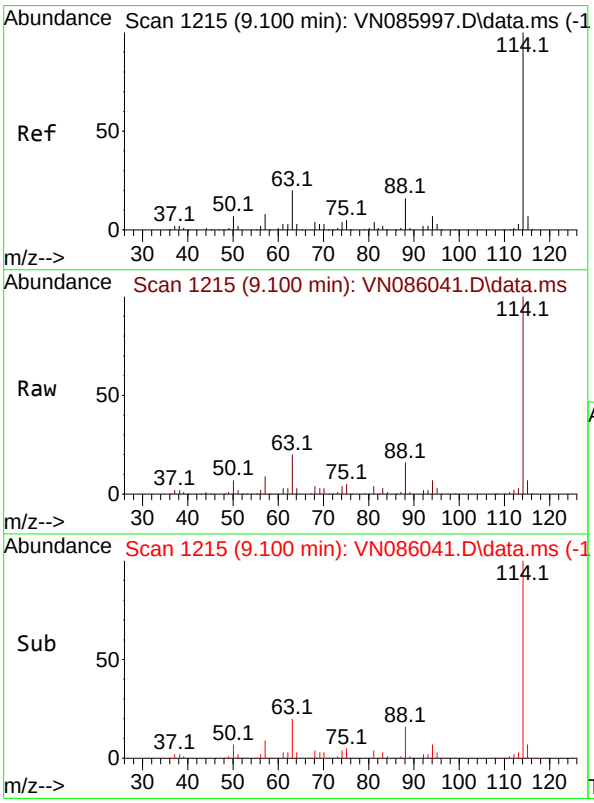
#33
1,2-Dichloroethane-d4
Concen: 56.485 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#01

Tgt Ion: 65 Resp: 112226

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.2

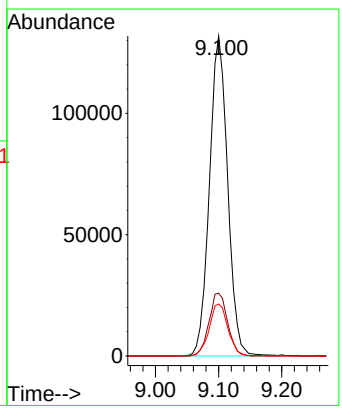


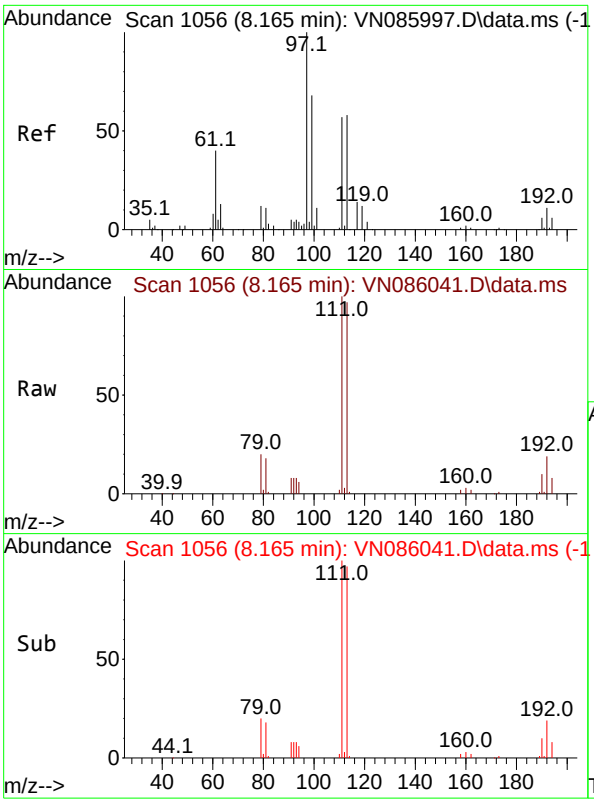


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Tgt Ion:114 Resp: 263894

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	16.2	0.0	32.6



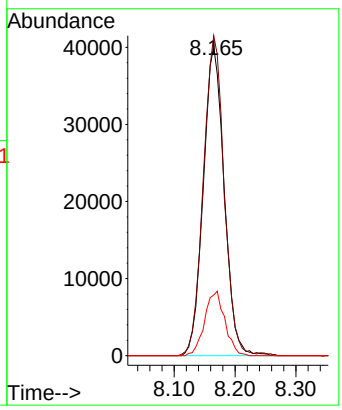


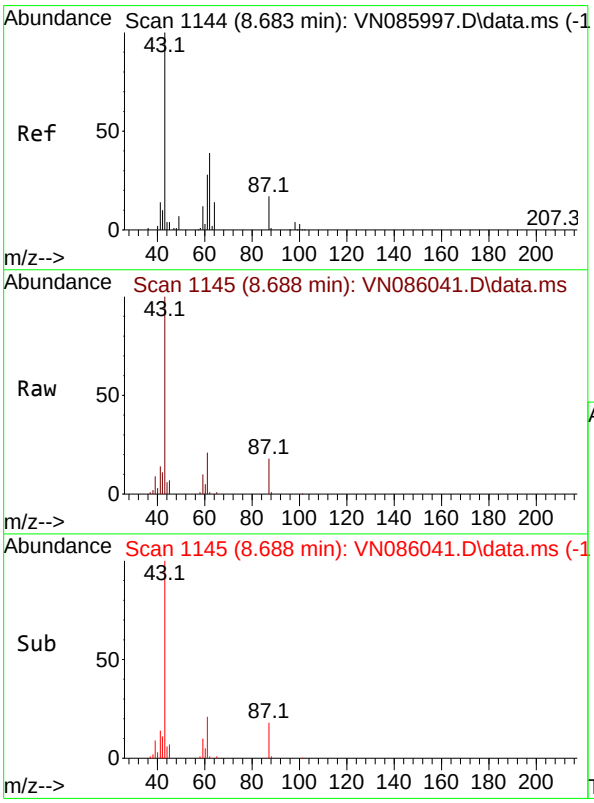
#35
Dibromofluoromethane
Concen: 51.983 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#01

Tgt Ion:113 Resp: 95750

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	20.1	15.9	23.9

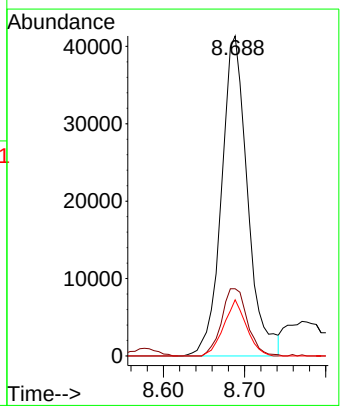


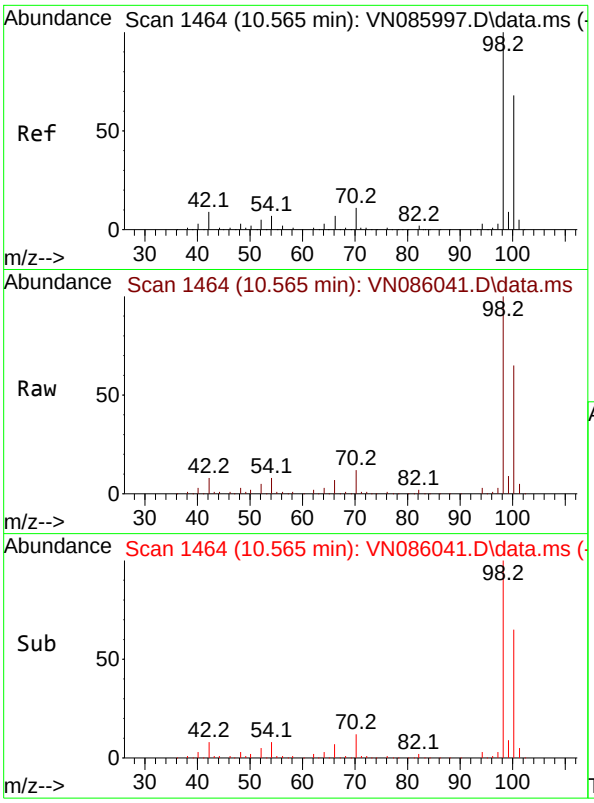


#43
Isopropyl Acetate
Concen: 20.791 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Tgt Ion: 43 Resp: 92187

Ion	Ratio	Lower	Upper
43	100		
61	20.8	25.0	37.6#
87	15.2	13.0	19.4



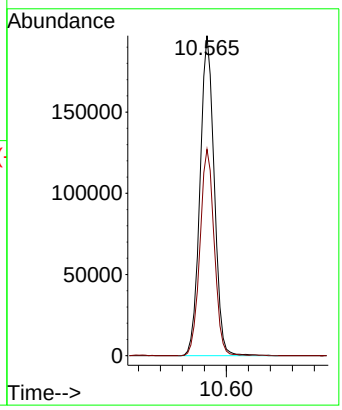


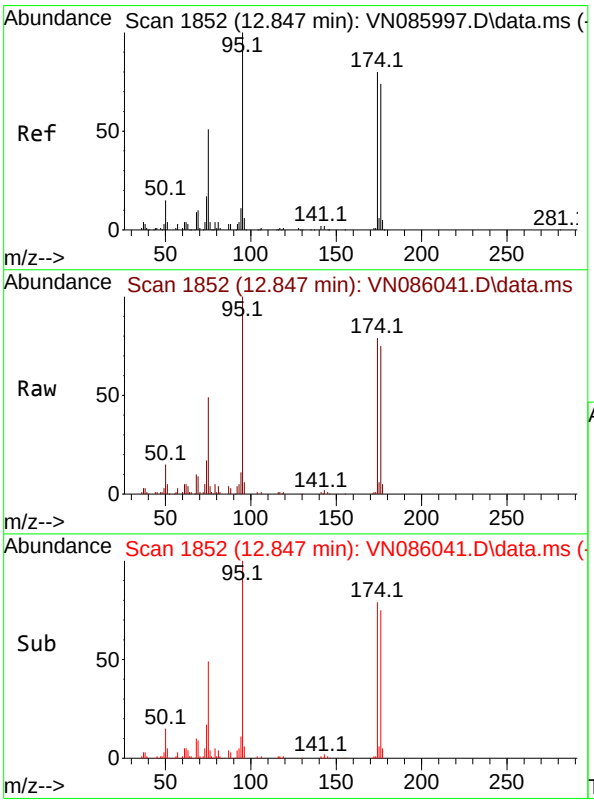
#50
Toluene-d8
Concen: 52.931 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#01

Tgt Ion: 98 Resp: 353841

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.1	79.7

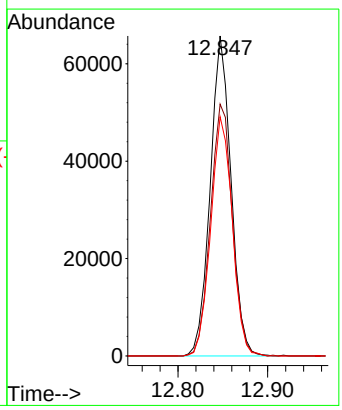


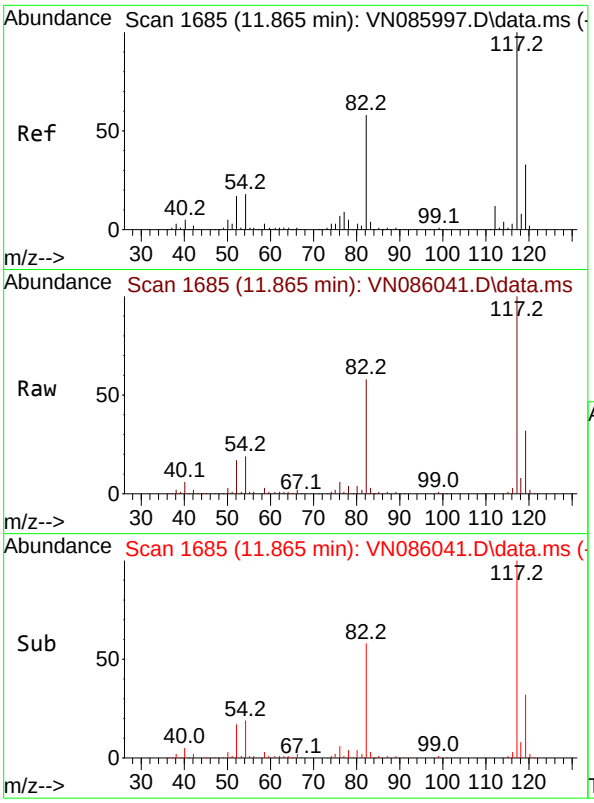


#62
4-Bromofluorobenzene
Concen: 44.423 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Tgt Ion: 95 Resp: 105907

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	156.8
176	77.2	0.0	152.2



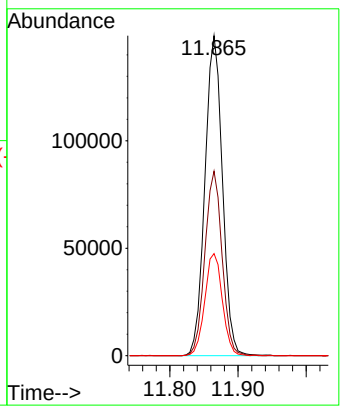


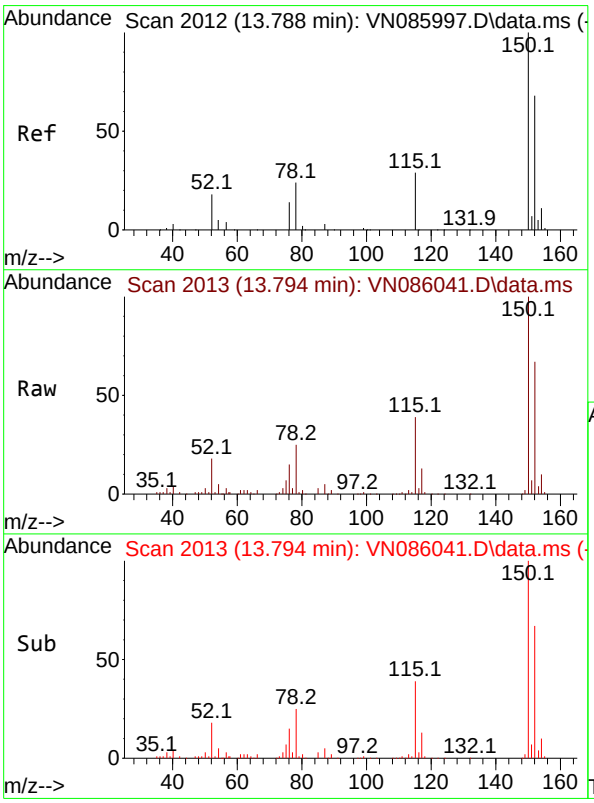
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#01

Tgt Ion:117 Resp: 265504

Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.7	70.1
119	31.9	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN086041.D
Acq: 21 Mar 2025 15:41

Tgt Ion:152 Resp: 98136

Ion	Ratio	Lower	Upper
152	100		
115	59.7	31.1	93.2
150	157.9	0.0	359.6