Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086045.D
Acq On : 21 Mar 2025 17:18
Operator : JC\MD
Sample : PB167234ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#05

Quant Time: Mar 21 23:01:04 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	139623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108915	56.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.940%			
35) Dibromofluoromethane	8.165	113	94617	52.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.740%			
50) Toluene-d8	10.565	98	341159	52.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.847	95	101386	43.770	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.540%			
Target Compounds						Qvalue
16) Acetone	4.436	43	22223	38.046	ug/l	95
20) Methylene Chloride	5.271	84	10069	5.893	ug/l #	91
25) 2-Butanone	7.483	43	5462	6.481	ug/l	88
43) Isopropyl Acetate	8.688	43	100309	23.284	ug/l #	82

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

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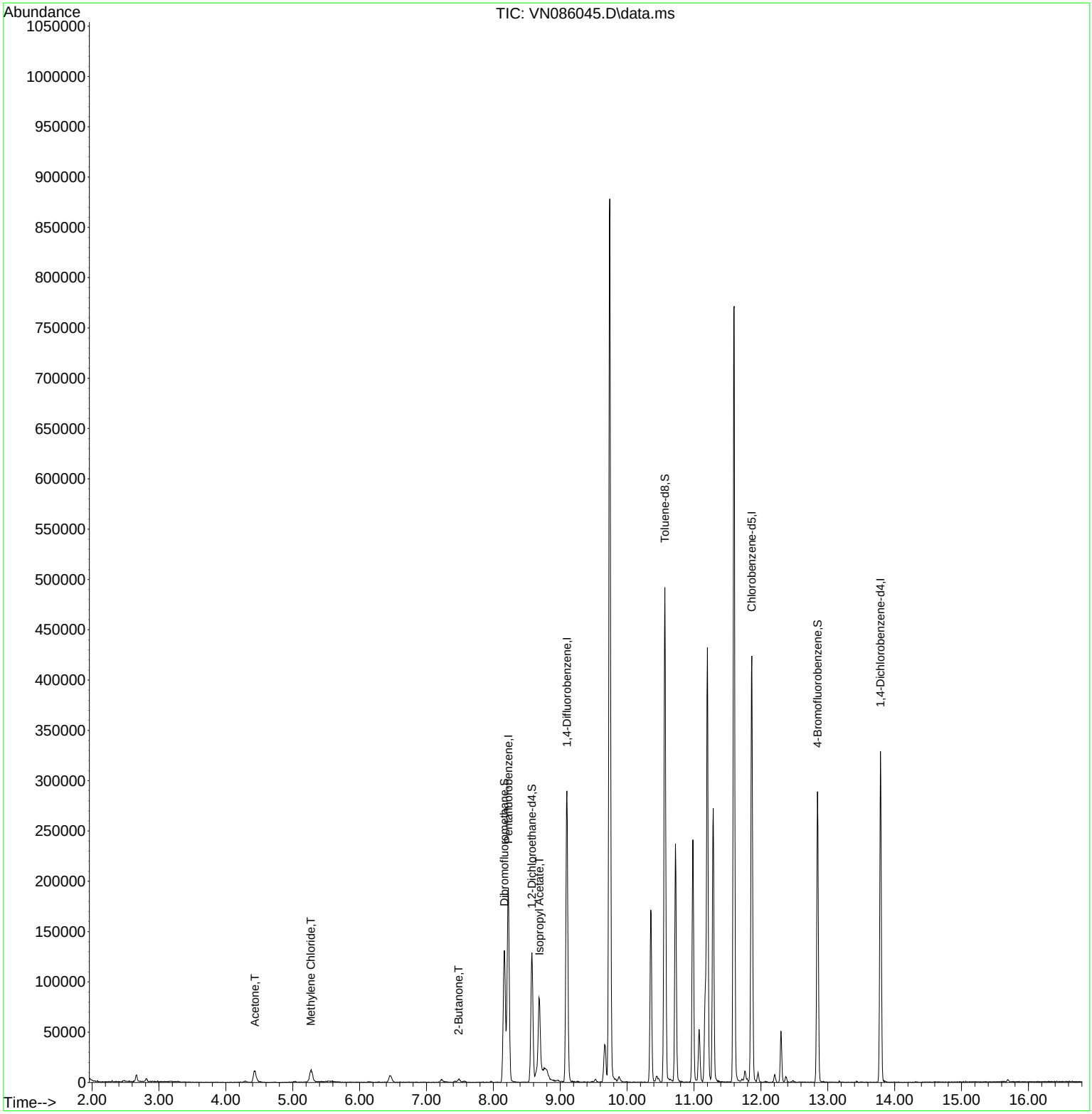
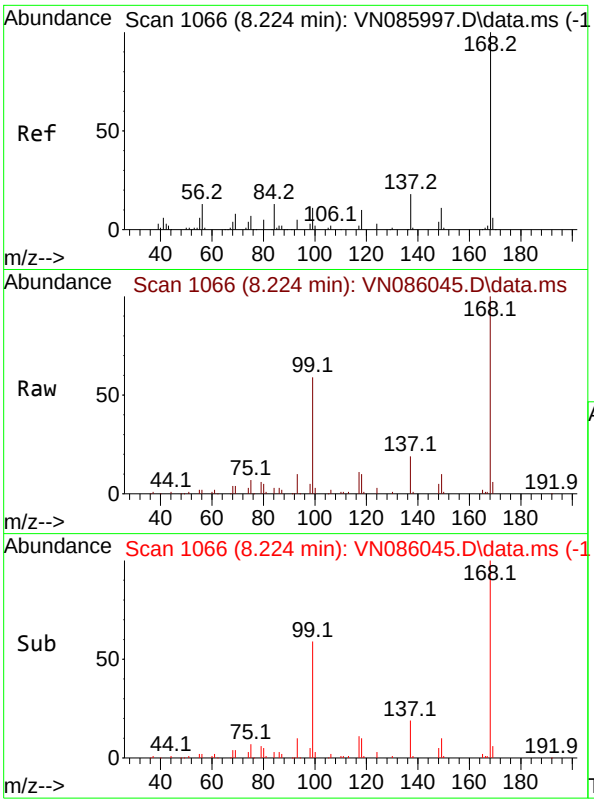


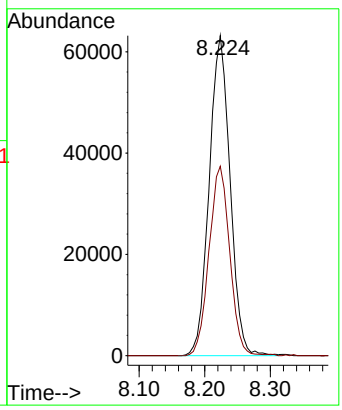


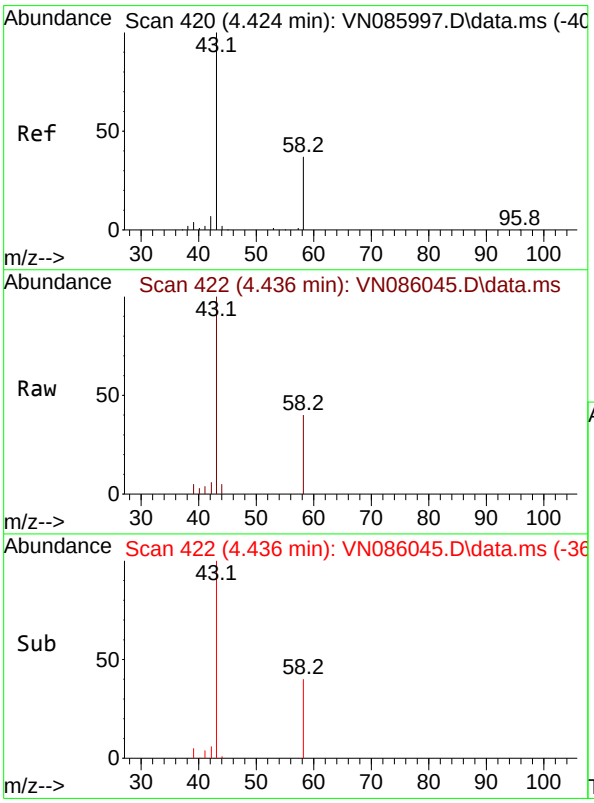
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#05

Tgt Ion:168 Resp: 139623

Ion	Ratio	Lower	Upper
168	100		
99	59.2	49.4	74.2

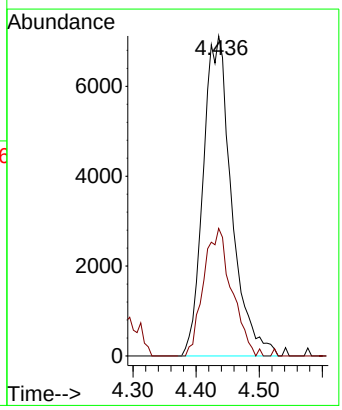


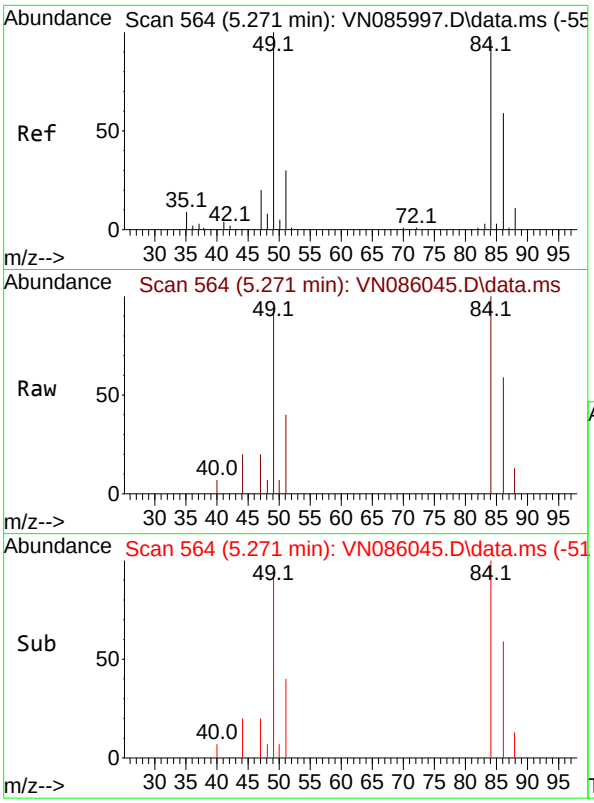


#16
Acetone
Concen: 38.046 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Tgt Ion: 43 Resp: 22223

Ion	Ratio	Lower	Upper
43	100		
58	39.9	29.4	44.2



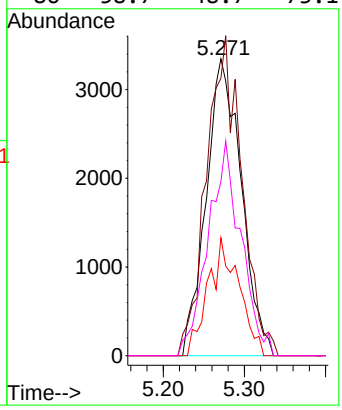


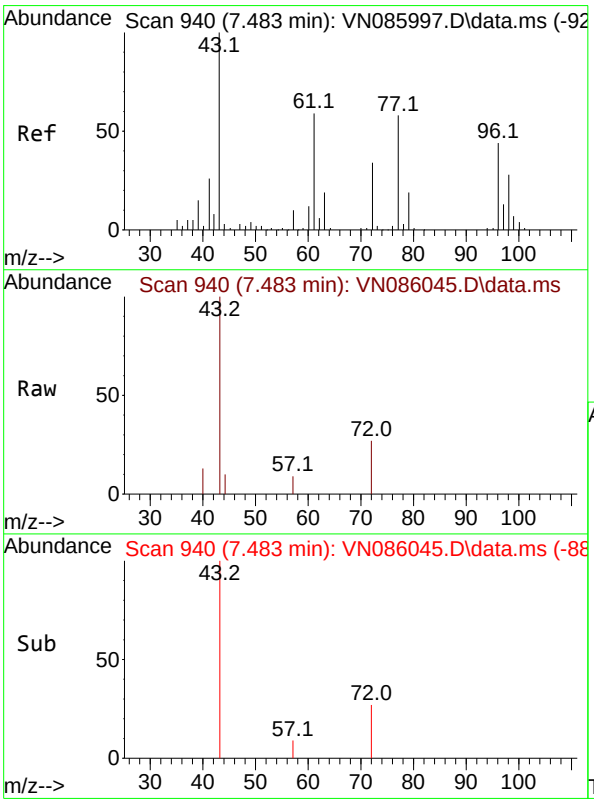
#20
Methylene Chloride
Concen: 5.893 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#05

Tgt Ion: 84 Resp: 10069

Ion	Ratio	Lower	Upper
84	100		
49	93.5	83.3	124.9
51	39.7	24.8	37.2#
86	58.7	48.7	73.1

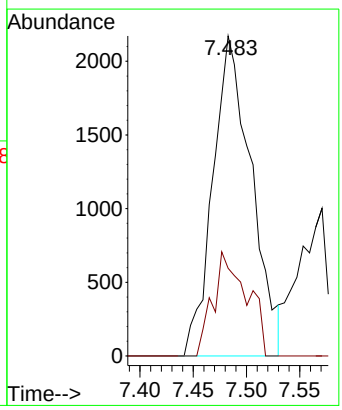


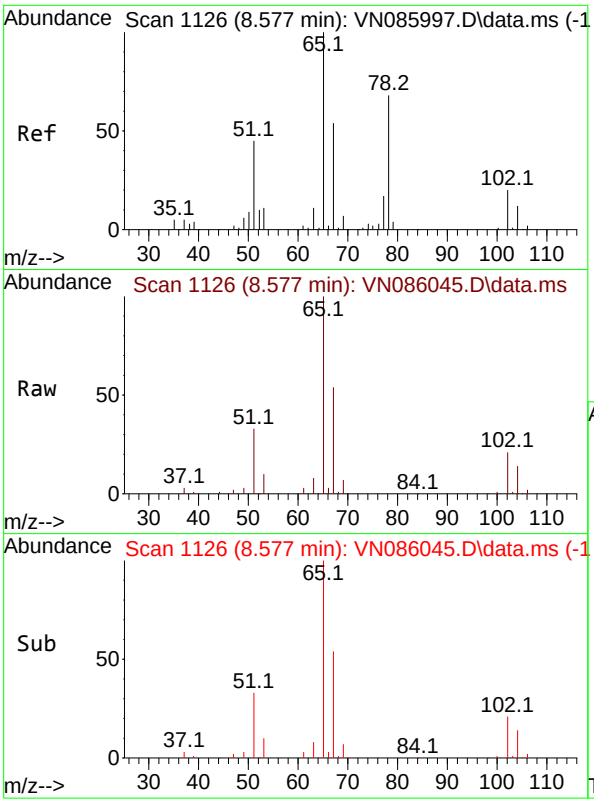


#25
2-Butanone
Concen: 6.481 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Tgt Ion: 43 Resp: 5462

Ion	Ratio	Lower	Upper
43	100		
72	27.4	27.4	41.0



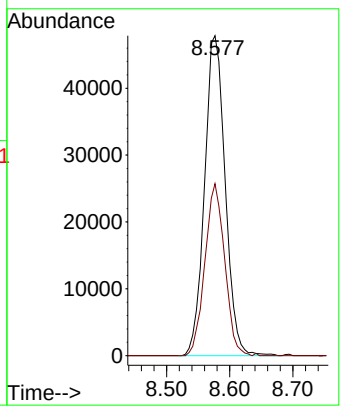


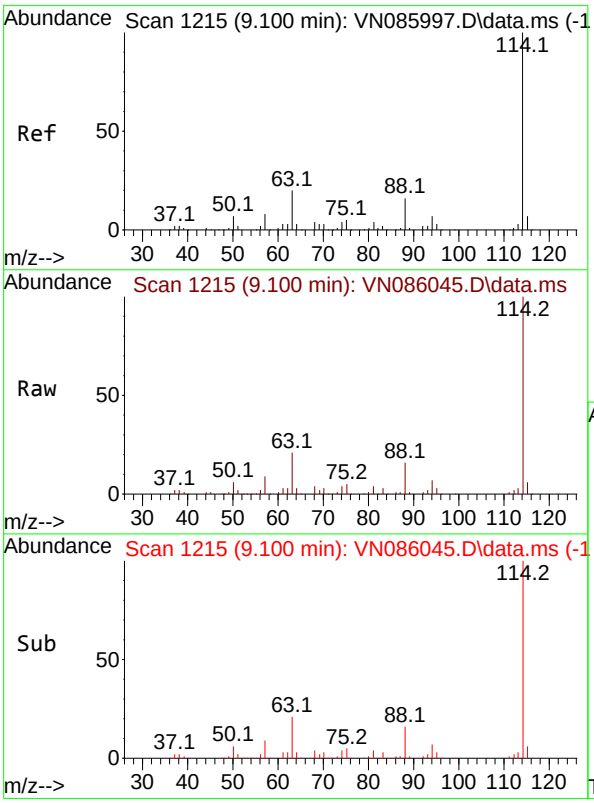
#33
1,2-Dichloroethane-d4
Concen: 56.966 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#05

Tgt Ion: 65 Resp: 108915

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.2

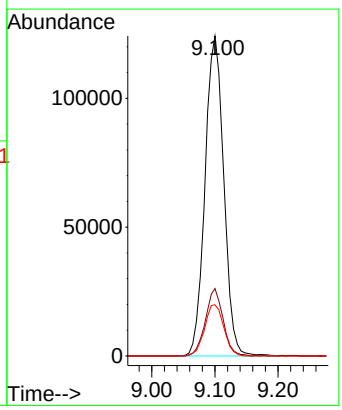


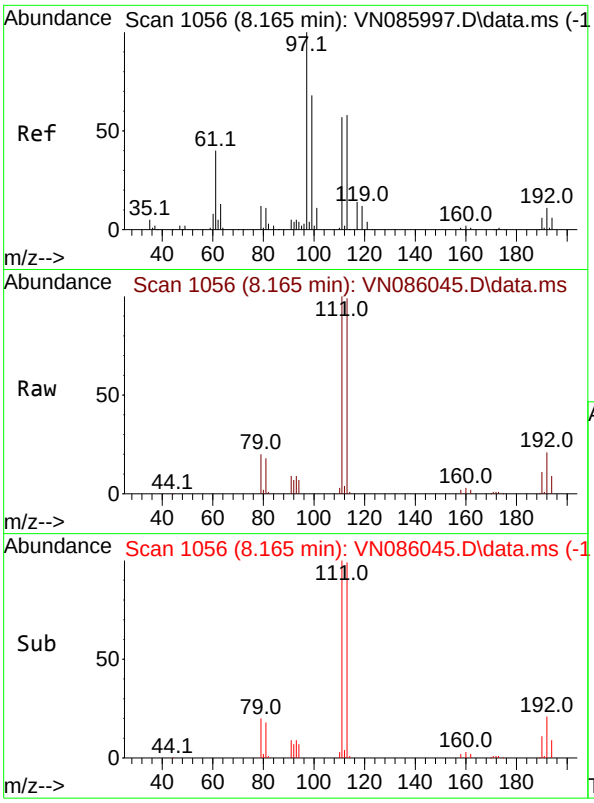


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Tgt Ion:114 Resp: 256399

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.6
88	16.0	0.0	32.6



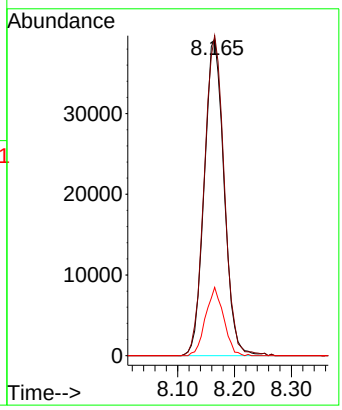


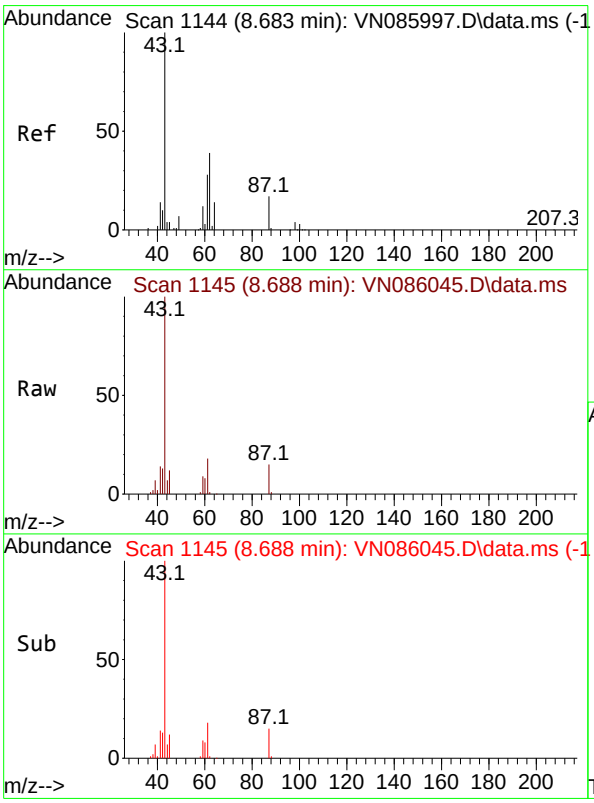
#35
Dibromofluoromethane
Concen: 52.869 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#05

Tgt Ion:113 Resp: 94617

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	19.7	15.9	23.9

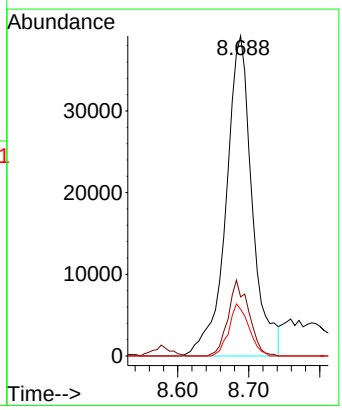


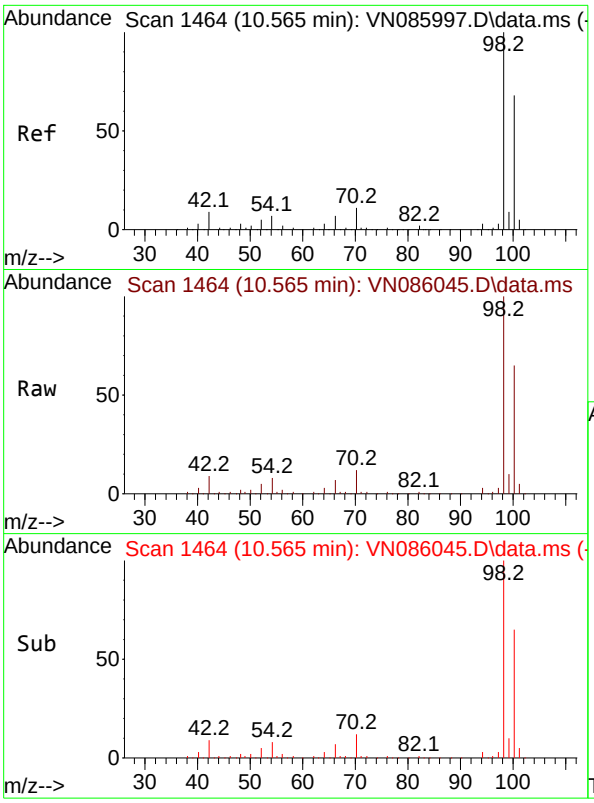


#43
Isopropyl Acetate
Concen: 23.284 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Tgt Ion: 43 Resp: 100309

Ion	Ratio	Lower	Upper
43	100		
61	18.8	25.0	37.6#
87	12.4	13.0	19.4#



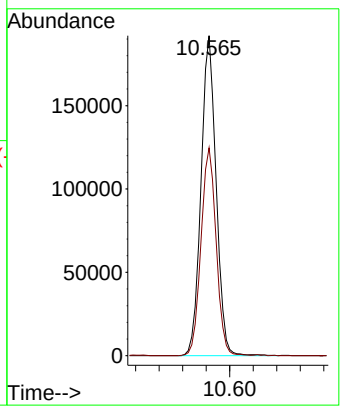


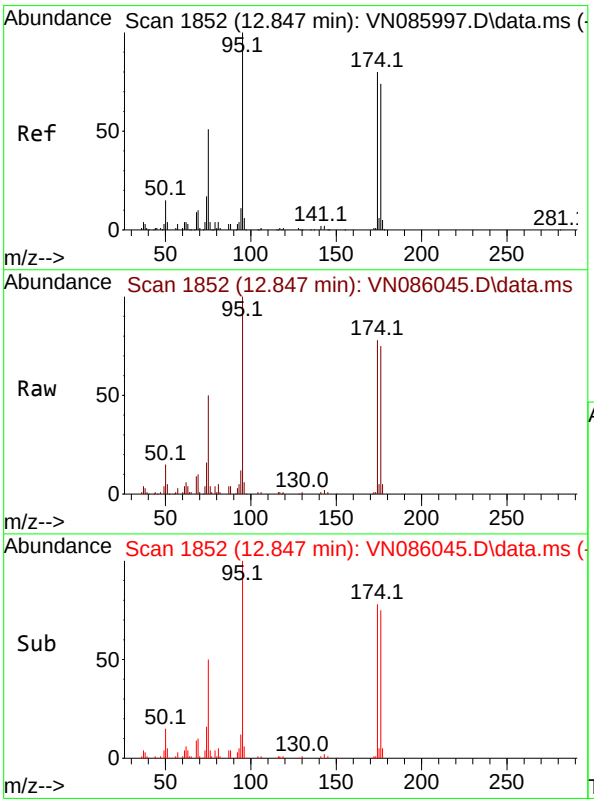
#50
Toluene-d8
Concen: 52.525 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#05

Tgt Ion: 98 Resp: 341159

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.1	79.7

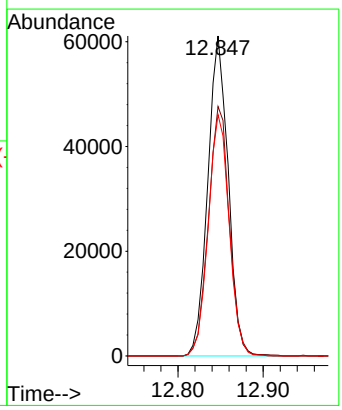


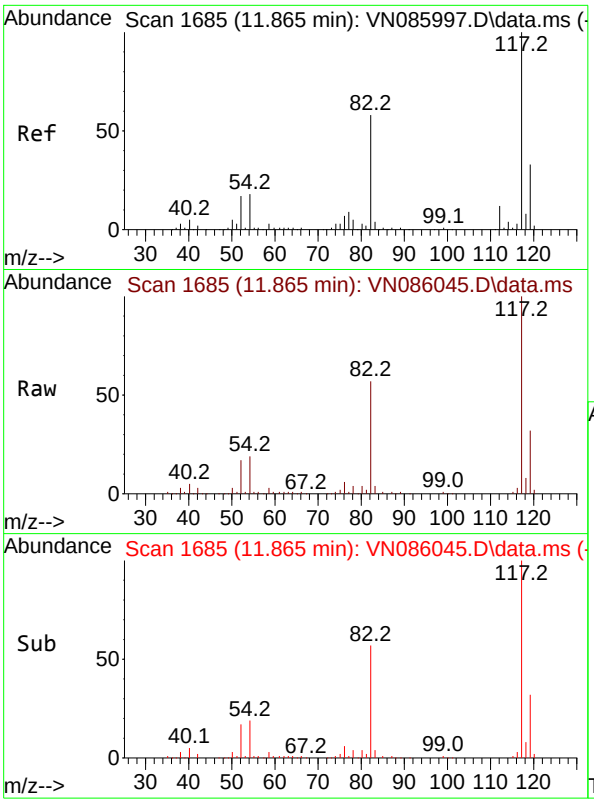


#62
4-Bromofluorobenzene
Concen: 43.770 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Tgt Ion: 95 Resp: 101386

Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	156.8
176	77.1	0.0	152.2



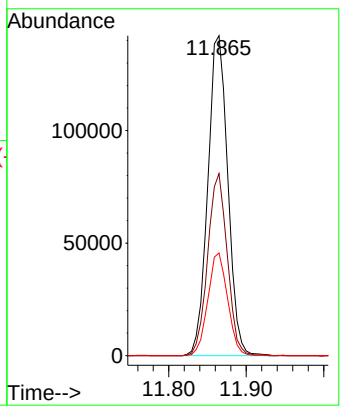


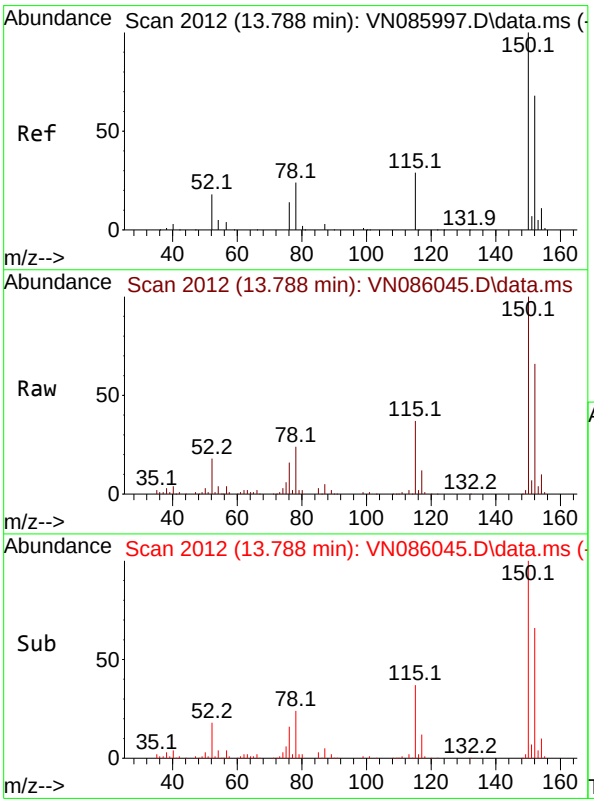
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#05

Tgt Ion:117 Resp: 255466

Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.7	70.1
119	32.1	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086045.D
Acq: 21 Mar 2025 17:18

Tgt Ion:152 Resp: 94489

Ion	Ratio	Lower	Upper
152	100		
115	59.4	31.1	93.2
150	155.6	0.0	359.6