Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
Data File : VN086114.D
Acq On : 25 Mar 2025 20:40
Operator : JC\MD
Sample : Q1632-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PIER-1-2

Quant Time: Mar 26 03:27:15 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	163211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128081	57.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.620%			
35) Dibromofluoromethane	8.165	113	77245	35.851	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 71.700%#			
50) Toluene-d8	10.565	98	382552	48.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.840%			
62) 4-Bromofluorobenzene	12.847	95	125326	44.939	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.880%			
Target Compounds						Qvalue
16) Acetone	4.424	43	303581	444.620	ug/l	100
20) Methylene Chloride	5.289	84	4582	2.294	ug/l	92
25) 2-Butanone	7.483	43	12418	12.604	ug/l	99

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

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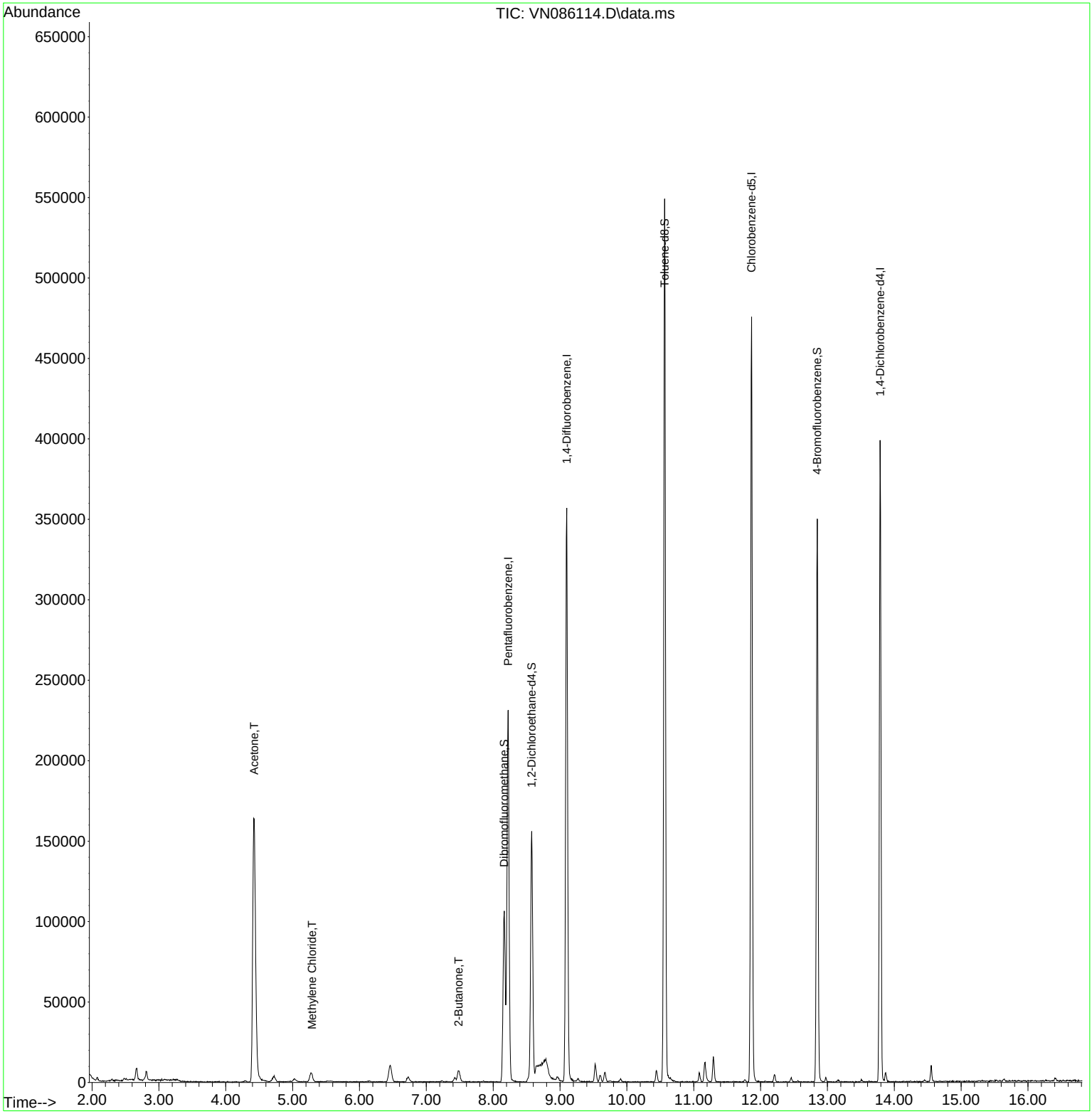
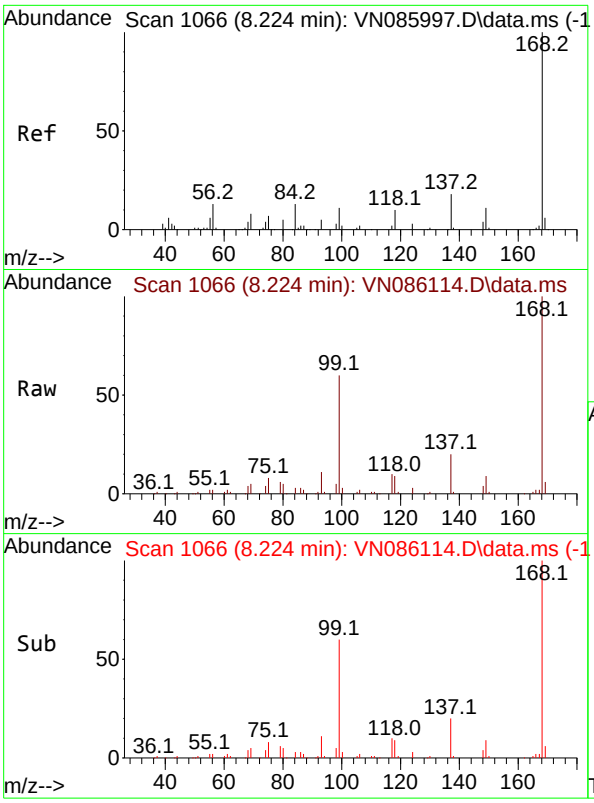


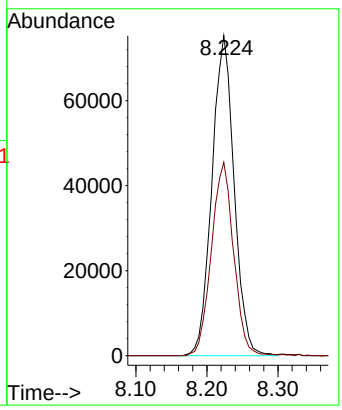


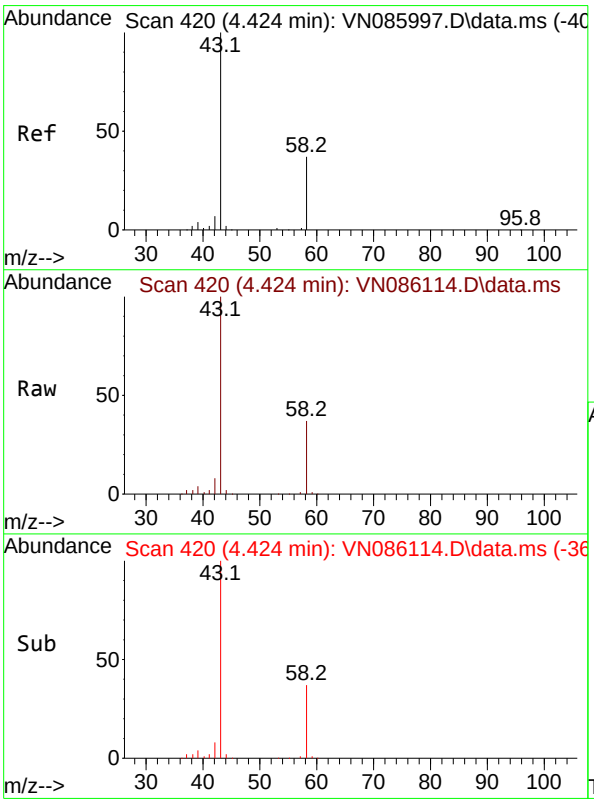
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
PIER-1-2

Tgt Ion:168 Resp: 163211

Ion	Ratio	Lower	Upper
168	100		
99	60.4	49.4	74.2

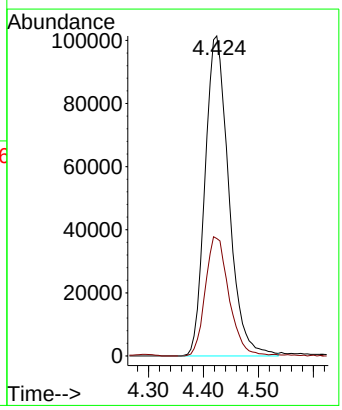


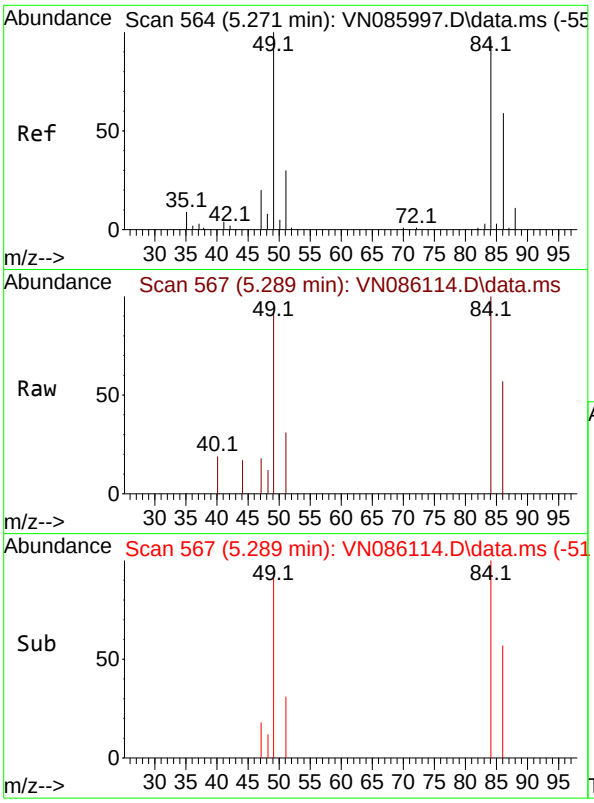


#16
Acetone
Concen: 444.620 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Tgt Ion: 43 Resp: 303581

Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.2



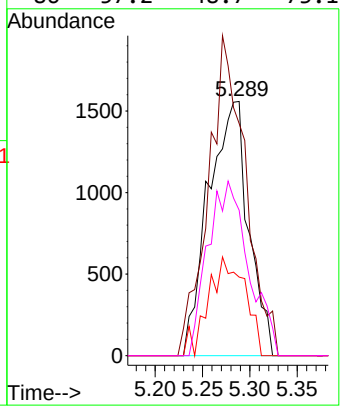


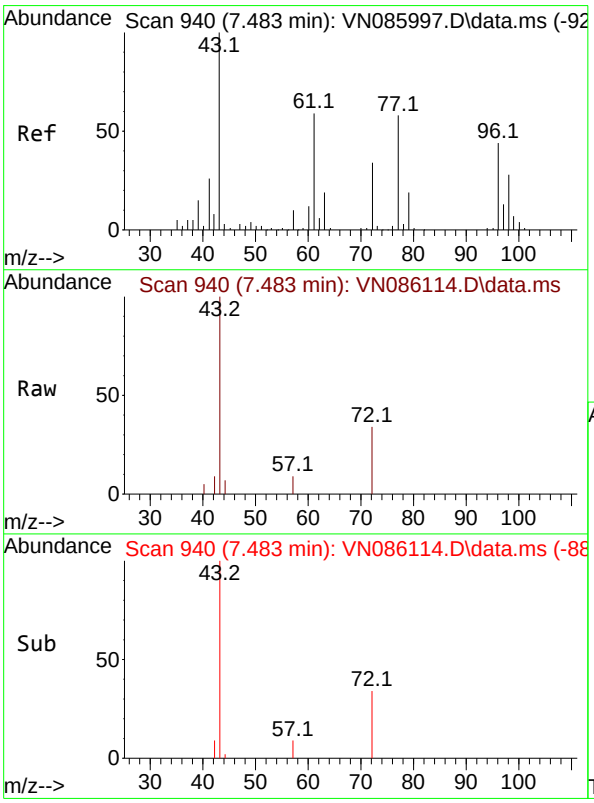
#20
Methylene Chloride
Concen: 2.294 ug/l
RT: 5.289 min Scan# 5
Delta R.T. 0.018 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
PIER-1-2

Tgt Ion: 84 Resp: 4582

Ion	Ratio	Lower	Upper
84	100		
49	91.3	83.3	124.9
51	30.9	24.8	37.2
86	57.2	48.7	73.1

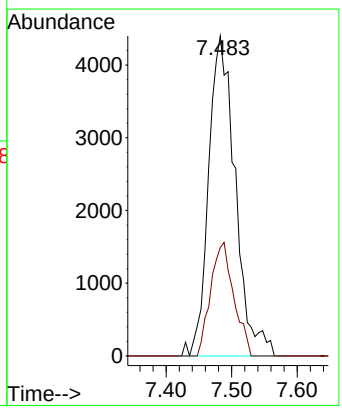


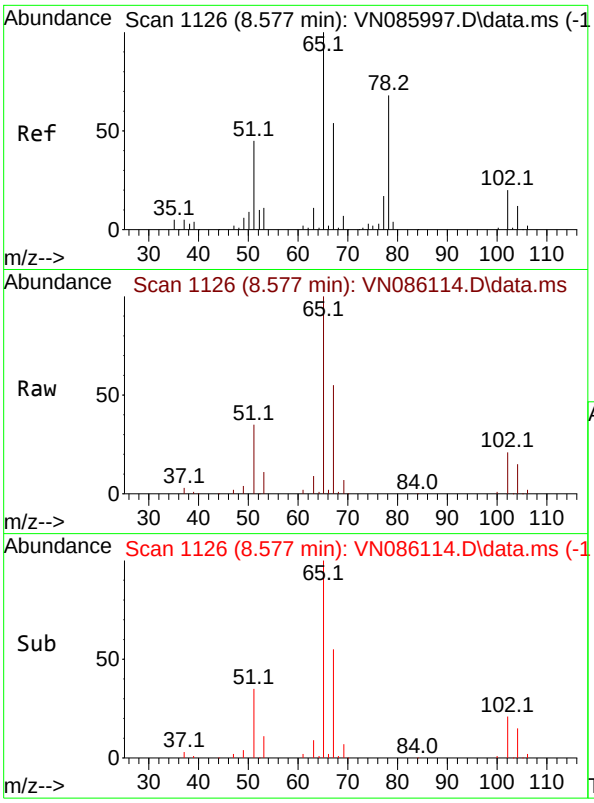


#25
2-Butanone
Concen: 12.604 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Tgt Ion: 43 Resp: 12418

Ion	Ratio	Lower	Upper
43	100		
72	33.9	27.4	41.0



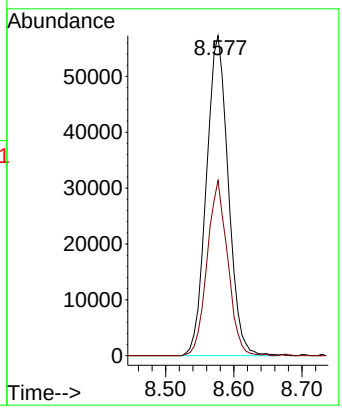


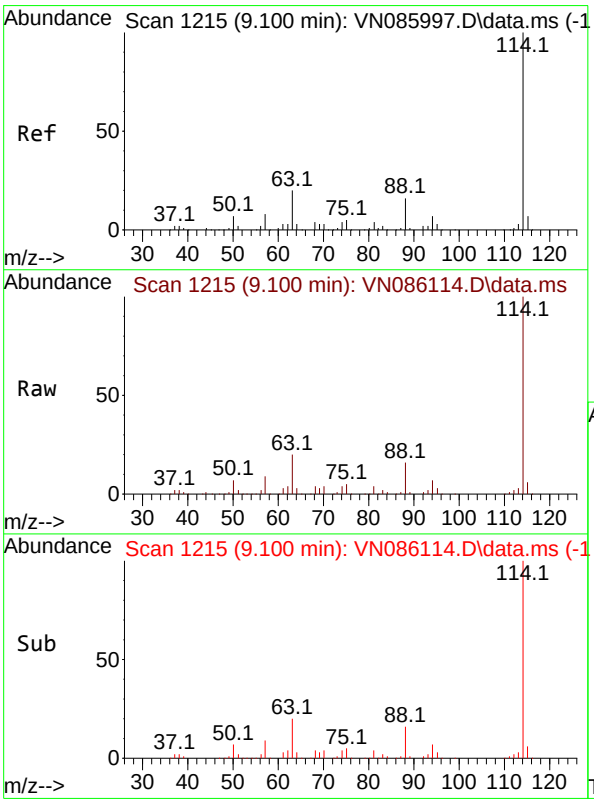
#33
1,2-Dichloroethane-d4
Concen: 57.309 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
PIER-1-2

Tgt Ion: 65 Resp: 128081

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.2

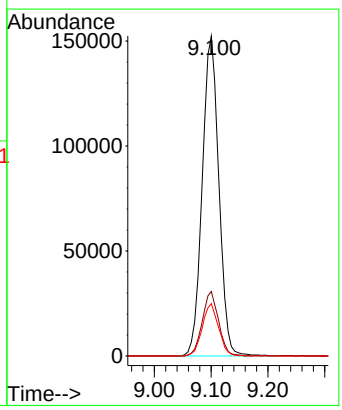


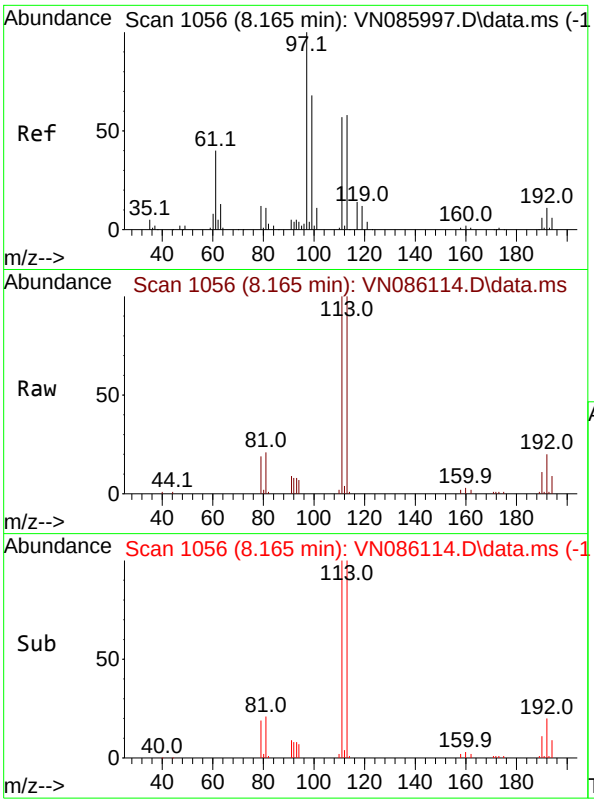


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Tgt Ion:114 Resp: 308693

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	16.4	0.0	32.6



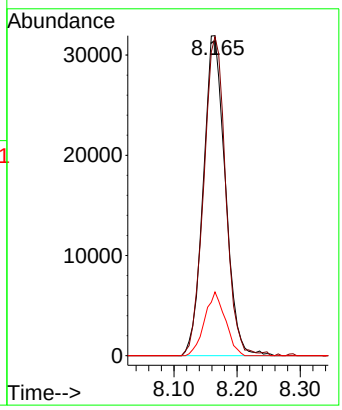


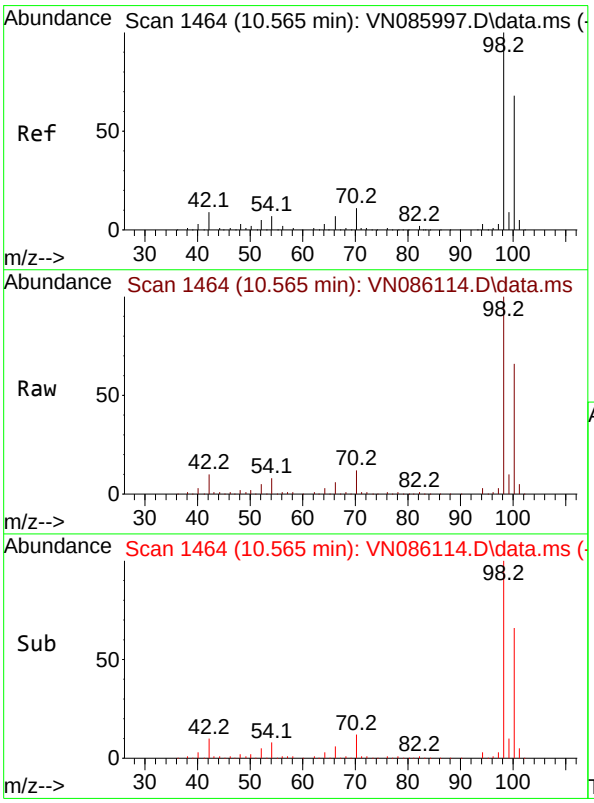
#35
Dibromofluoromethane
Concen: 35.851 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
PIER-1-2

Tgt Ion:113 Resp: 77245

Ion	Ratio	Lower	Upper
113	100		
111	99.4	81.8	122.8
192	18.8	15.9	23.9

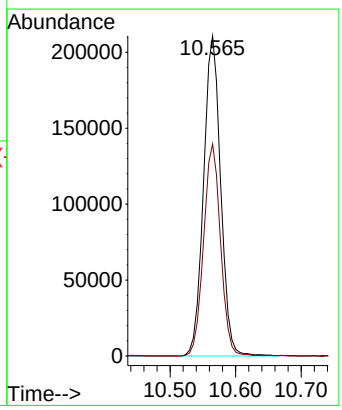


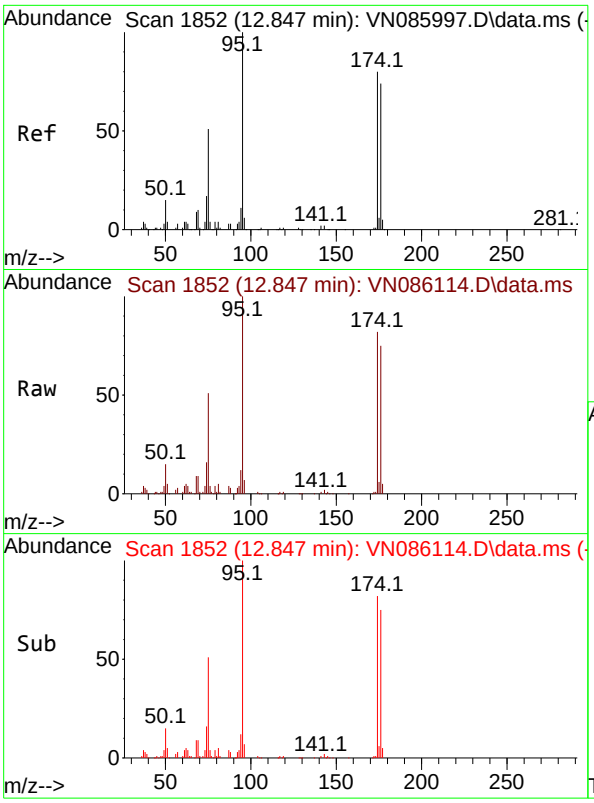


#50
Toluene-d8
Concen: 48.921 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Tgt Ion: 98 Resp: 382552

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7



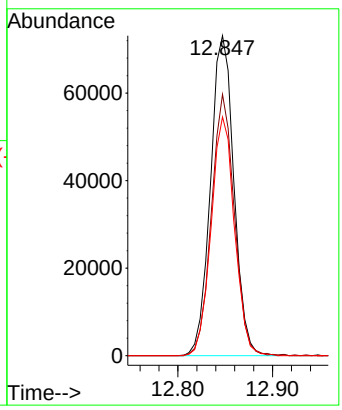


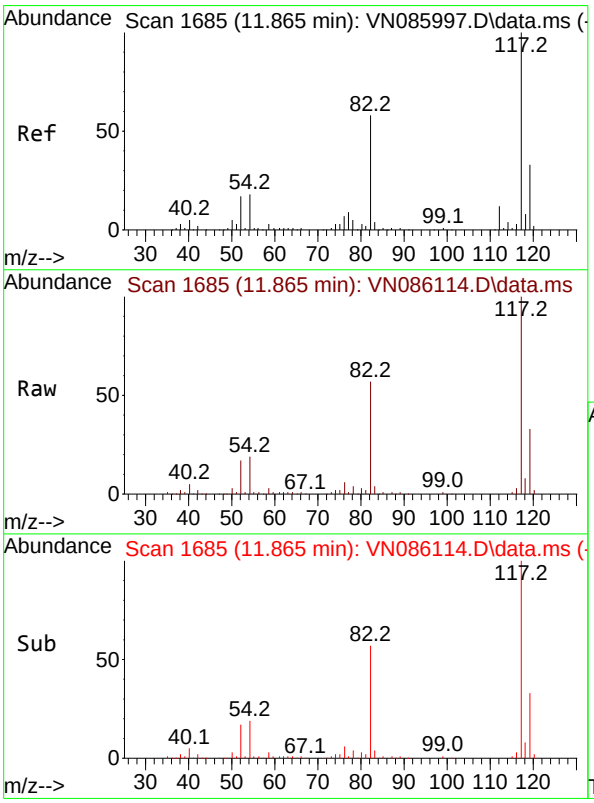
#62
4-Bromofluorobenzene
Concen: 44.939 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
PIER-1-2

Tgt Ion: 95 Resp: 125326

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	156.8
176	74.6	0.0	152.2

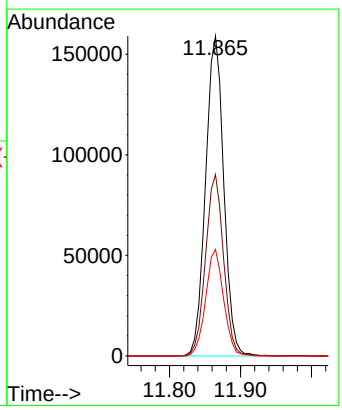


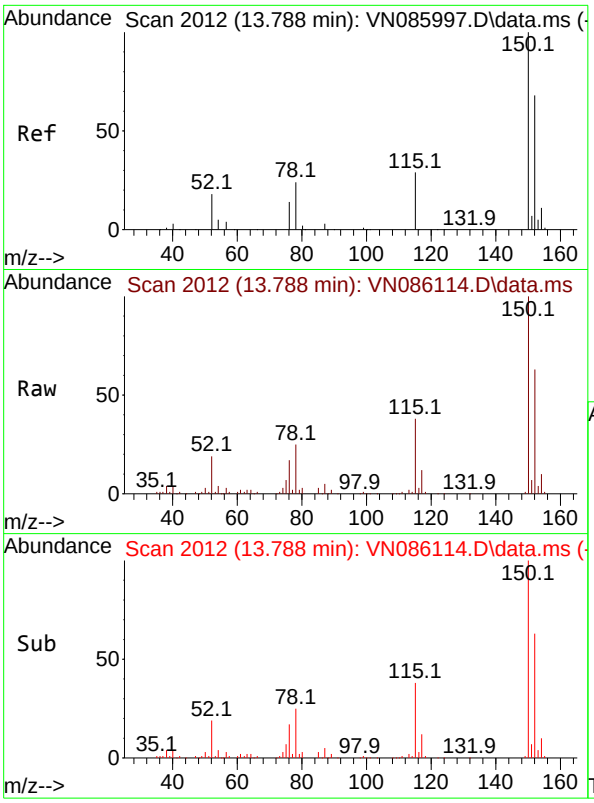


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Tgt Ion:117 Resp: 283093

Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.7	70.1
119	33.3	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086114.D
Acq: 25 Mar 2025 20:40

Instrument :
MSVOA_N
ClientSampleId :
PIER-1-2

Tgt Ion:152 Resp: 111562

Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.1	93.2
150	158.9	0.0	359.6