Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
Data File : VN086151.D
Acq On : 28 Mar 2025 15:30
Operator : JC\MD
Sample : Q1648-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Quant Time: Mar 28 15:45:06 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	175611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	344210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137718	57.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.540%			
35) Dibromofluoromethane	8.165	113	121533	50.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.180%			
50) Toluene-d8	10.565	98	442644	50.764	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.847	95	137765	44.302	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.600%			
Target Compounds						Qvalue
16) Acetone	4.430	43	34041	46.336	ug/l	97
18) Methyl Acetate	5.042	43	2791	1.535	ug/l	95
20) Methylene Chloride	5.271	84	87441	40.685	ug/l	98

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

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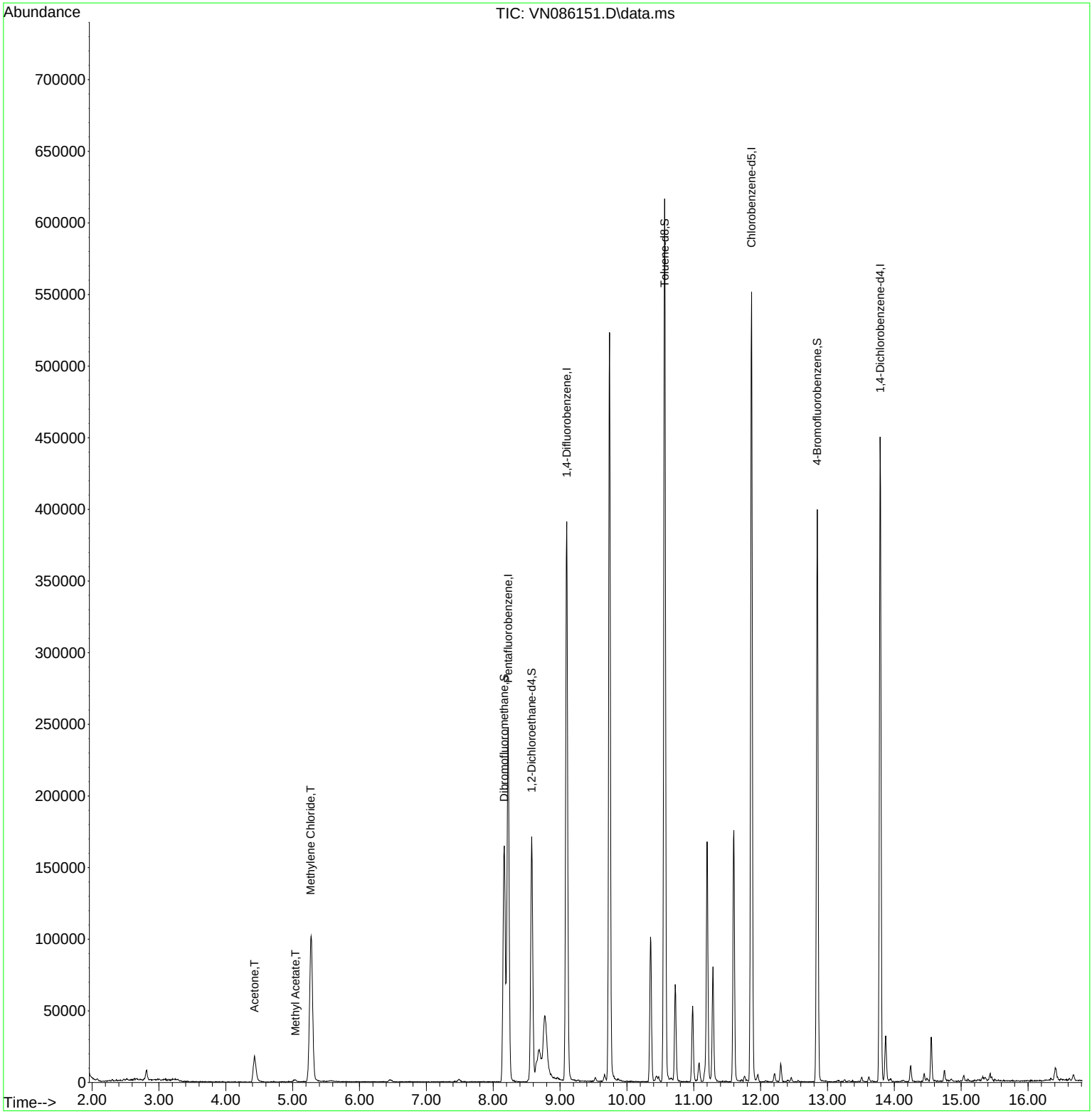
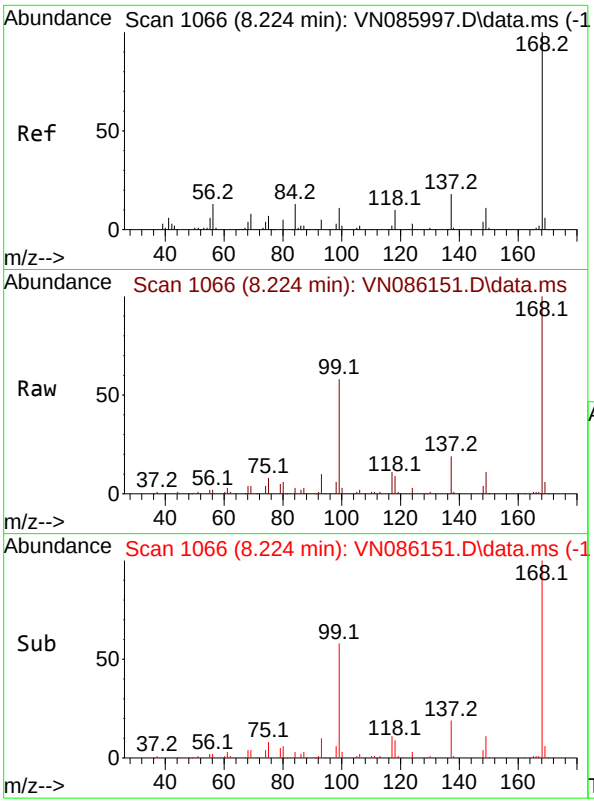


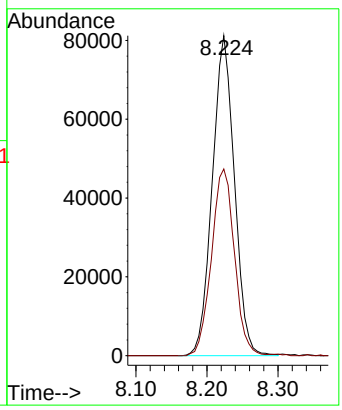


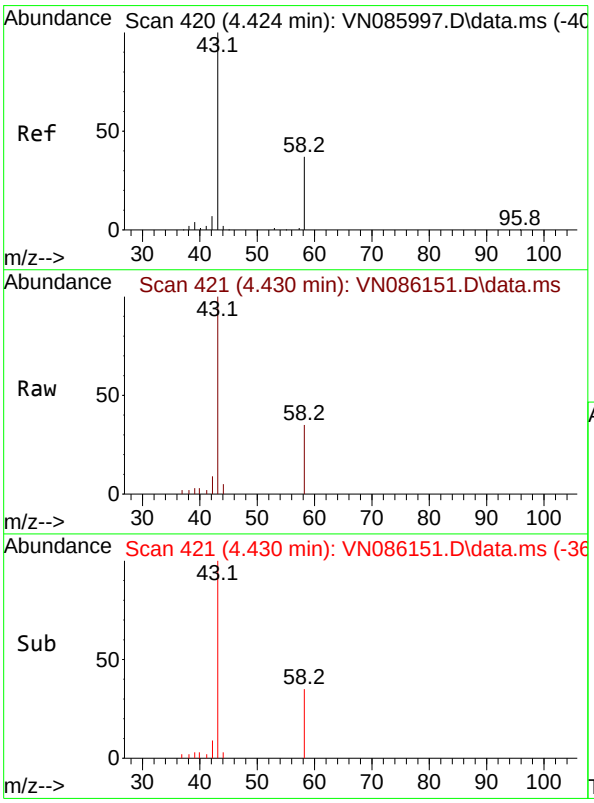
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 175611

Ion	Ratio	Lower	Upper
168	100		
99	58.3	49.4	74.2

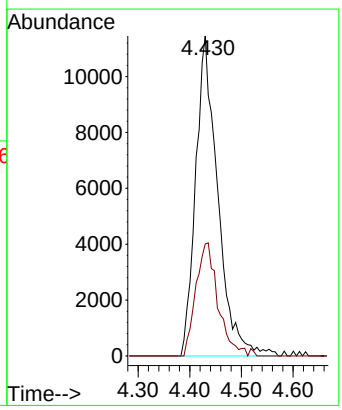


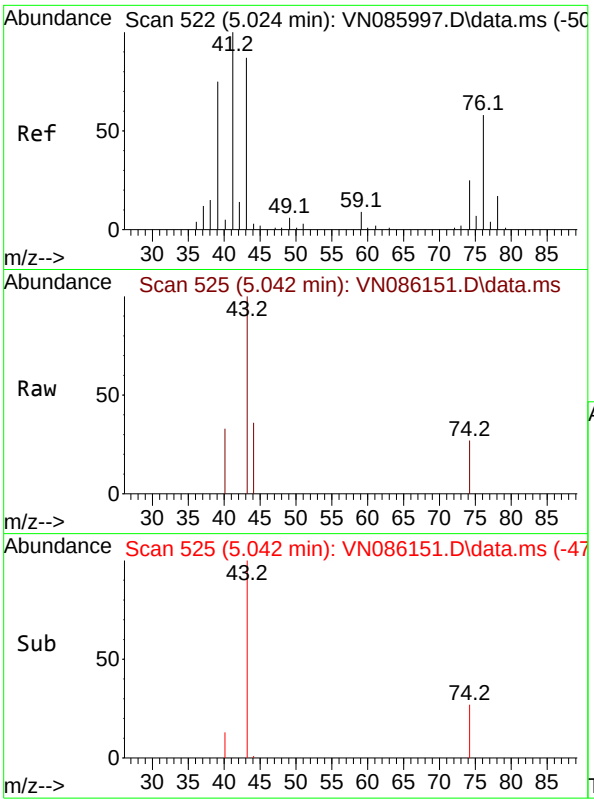


#16
Acetone
Concen: 46.336 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Tgt Ion: 43 Resp: 34041

Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.4	44.2



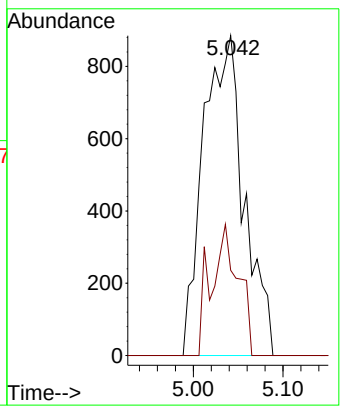


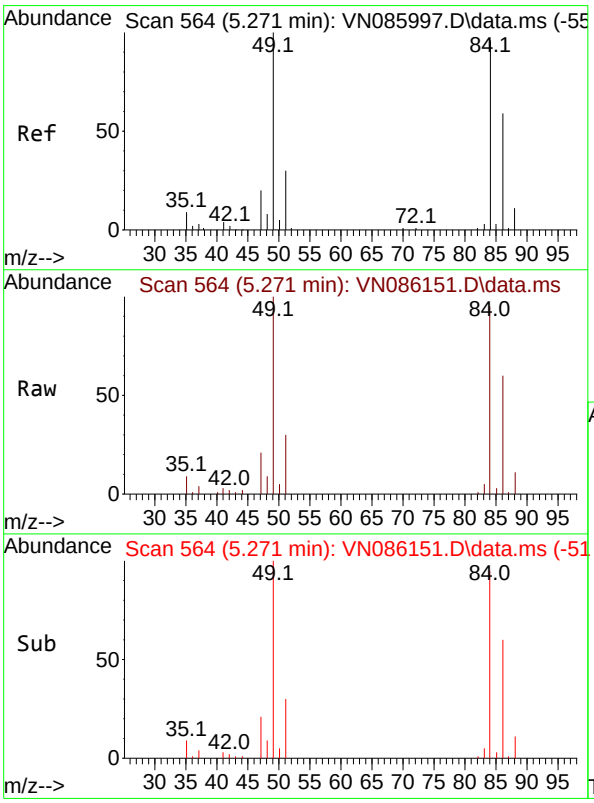
#18
Methyl Acetate
Concen: 1.535 ug/l
RT: 5.042 min Scan# 5
Delta R.T. 0.018 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 2791

Ion	Ratio	Lower	Upper
43	100		
74	27.3	23.9	35.9

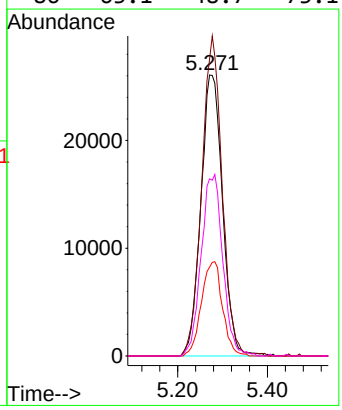


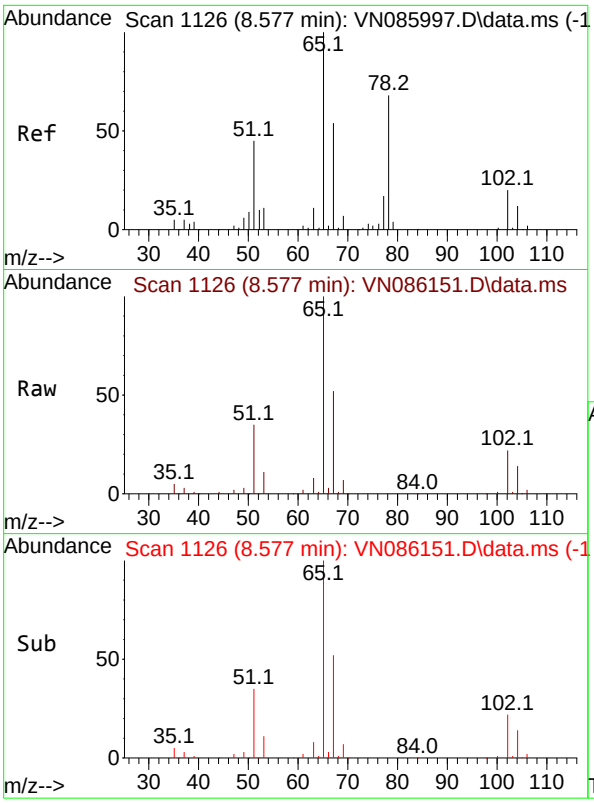


#20
Methylene Chloride
Concen: 40.685 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Tgt Ion: 84 Resp: 87441

Ion	Ratio	Lower	Upper
84	100		
49	105.5	83.3	124.9
51	31.6	24.8	37.2
86	63.1	48.7	73.1



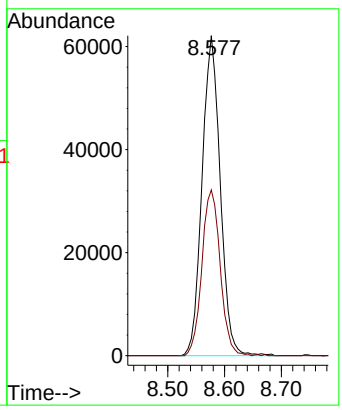


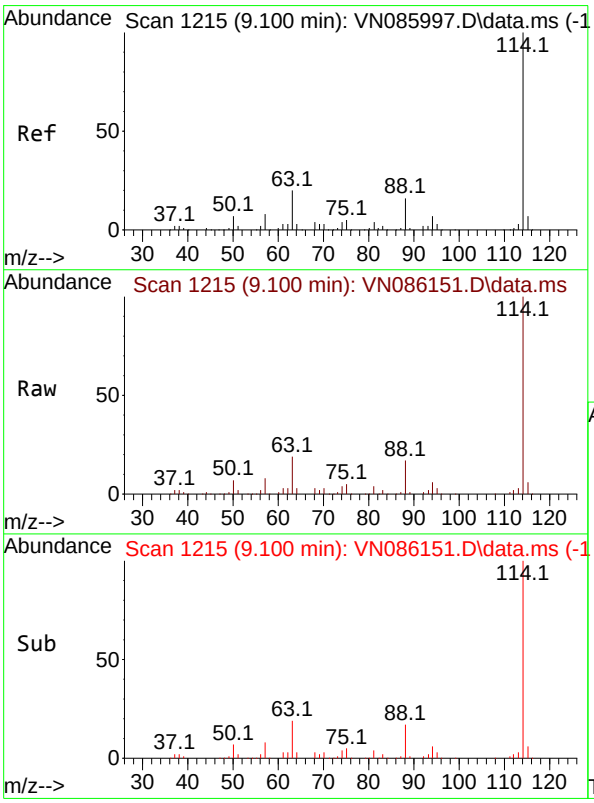
#33
1,2-Dichloroethane-d4
Concen: 57.270 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 65 Resp: 137718

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.2

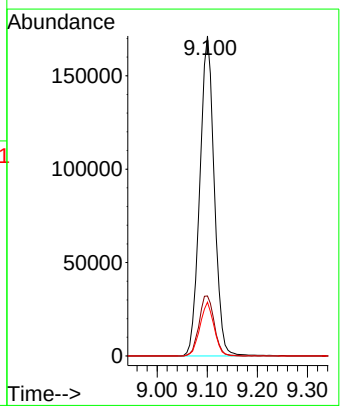


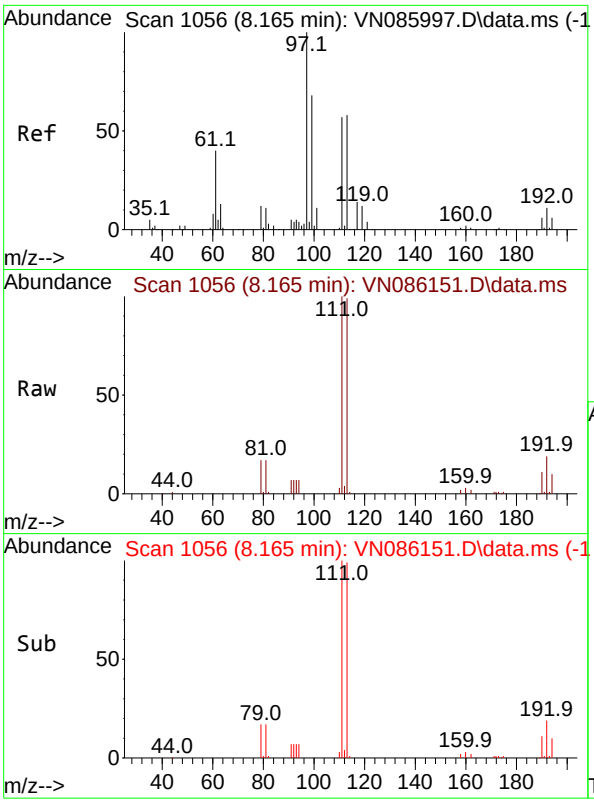


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Tgt Ion:114 Resp: 344210

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.6
88	16.8	0.0	32.6



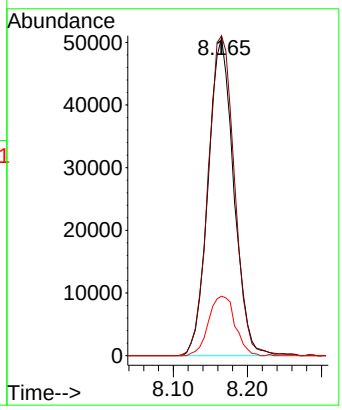


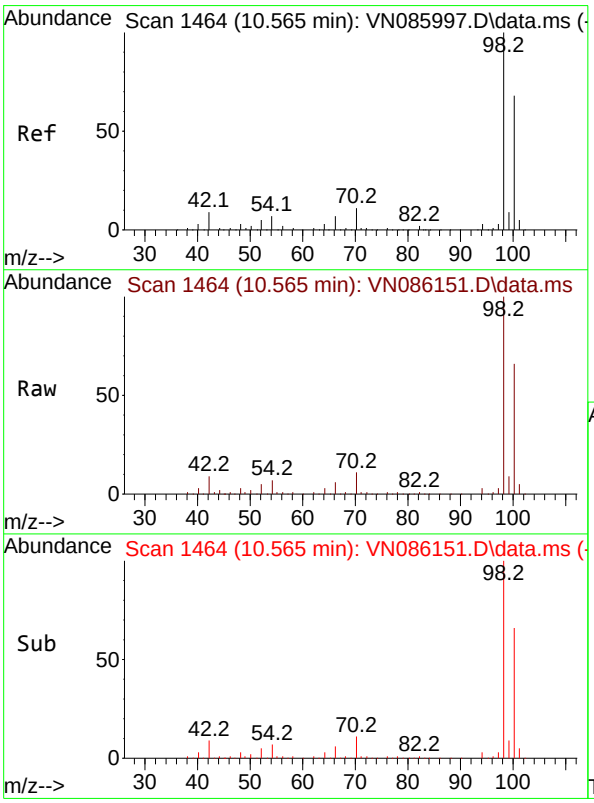
#35
Dibromofluoromethane
Concen: 50.585 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:113 Resp: 121533

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.8
192	19.4	15.9	23.9

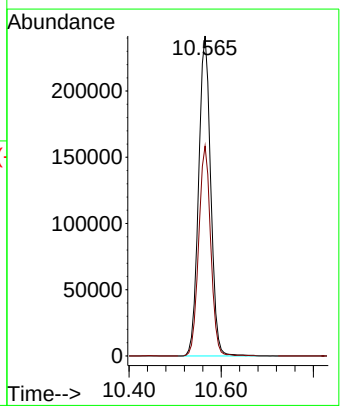


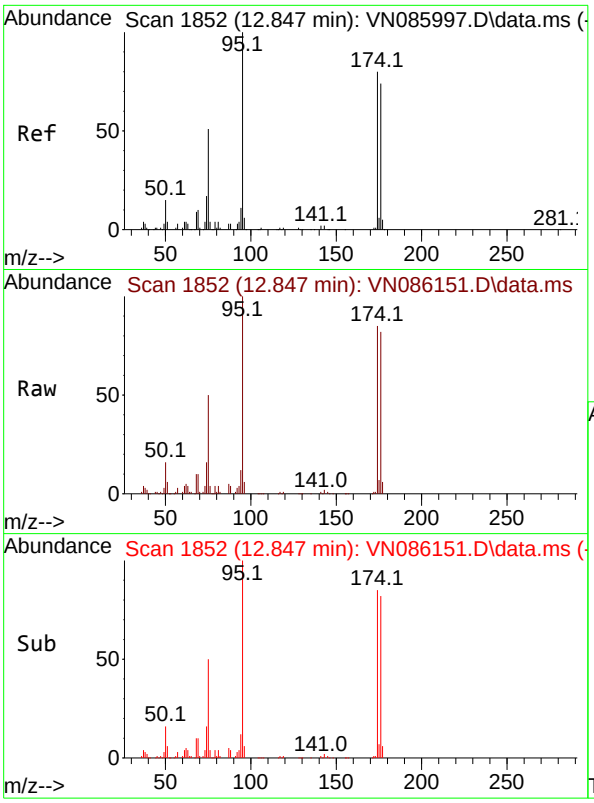


#50
Toluene-d8
Concen: 50.764 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Tgt Ion: 98 Resp: 442644

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.1	79.7



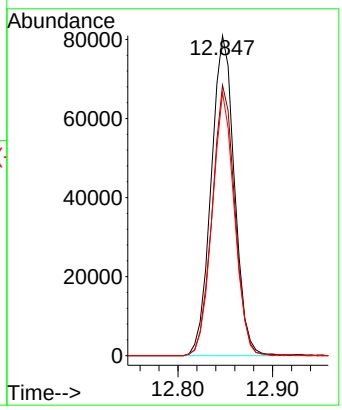


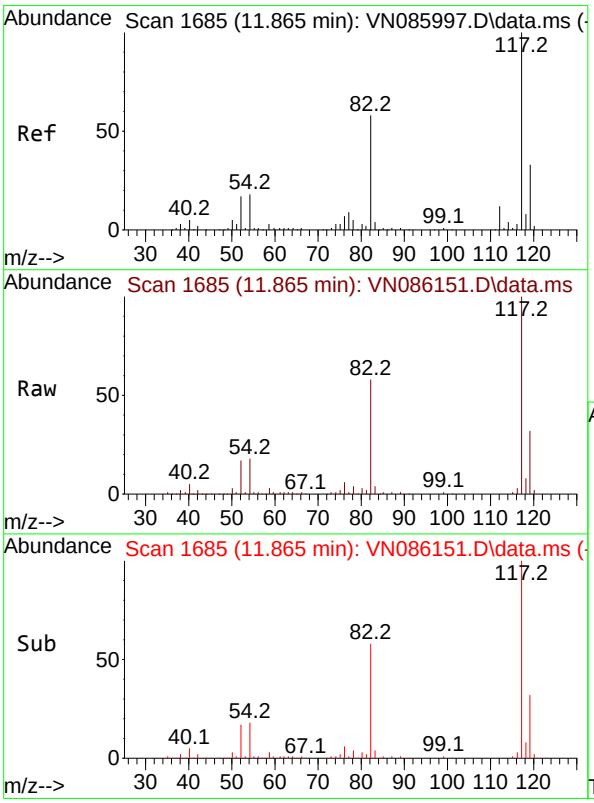
#62
4-Bromofluorobenzene
Concen: 44.302 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 95 Resp: 137765

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	156.8
176	78.5	0.0	152.2

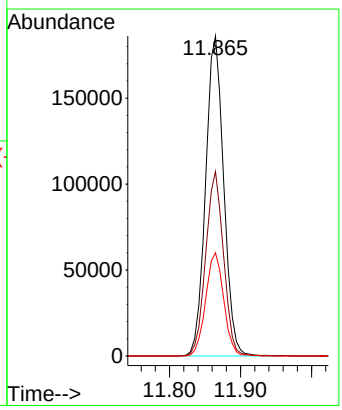


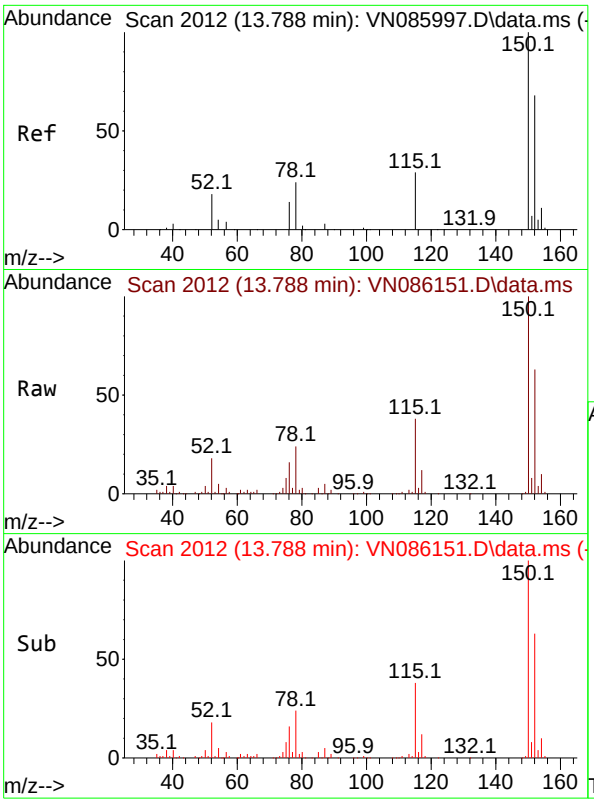


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086151.D
Acq: 28 Mar 2025 15:30

Tgt Ion:117 Resp: 329554

Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.7	70.1
119	32.2	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: VN086151.D
Acq: 28 Mar 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 129125

Ion	Ratio	Lower	Upper
152	100		
115	59.3	31.1	93.2
150	156.5	0.0	359.6