Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
Data File : VN086772.D
Acq On : 23 May 2025 12:40
Operator : JC\MD
Sample : Q2116-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-2

Quant Time: May 24 02:32:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	246001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	452072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	437261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	192791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149096	43.861	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 87.720%			
35) Dibromofluoromethane	8.165	113	136599	50.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	10.565	98	577501	51.762	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.520%			
62) 4-Bromofluorobenzene	12.847	95	206691	52.467	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.940%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1289	0.321	ug/l	97
16) Acetone	4.442	43	8986	7.067	ug/l	90
95) Naphthalene	15.635	128	4789	0.530	ug/l #	87

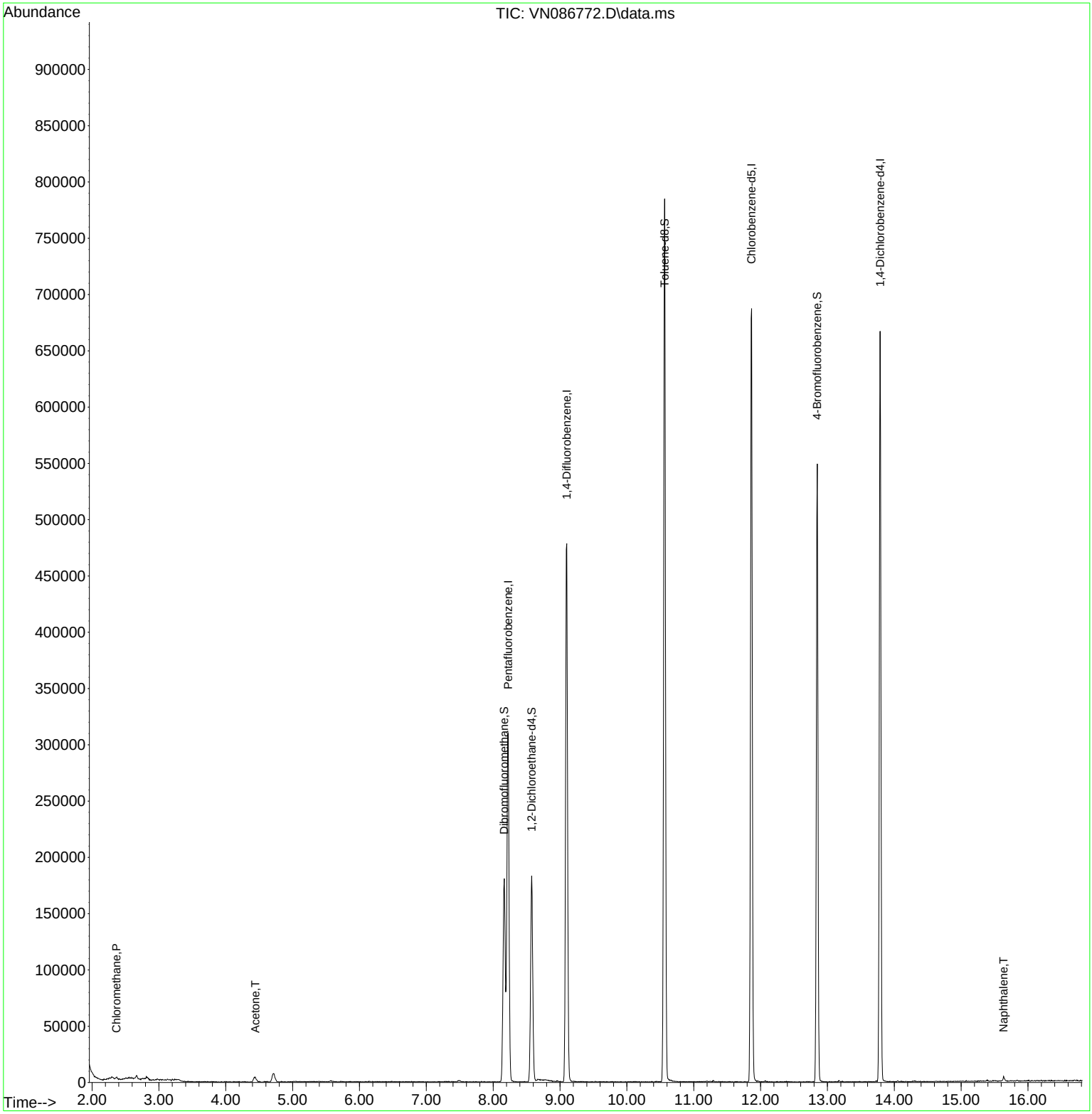
(#) = qualifier out of range (m) = manual integration (+) = signals summed

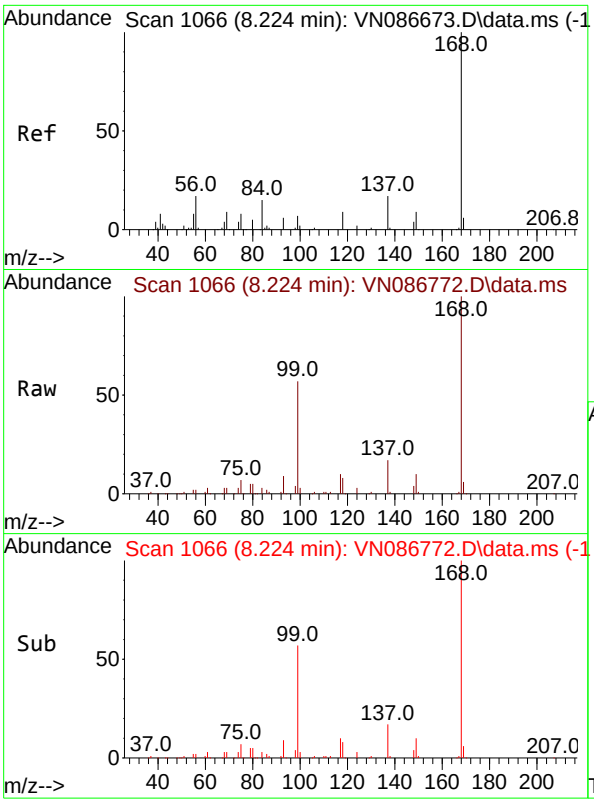
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
Data File : VN086772.D
Acq On : 23 May 2025 12:40
Operator : JC\MD
Sample : Q2116-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-2

Quant Time: May 24 02:32:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration



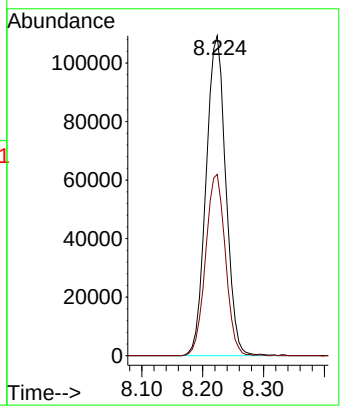


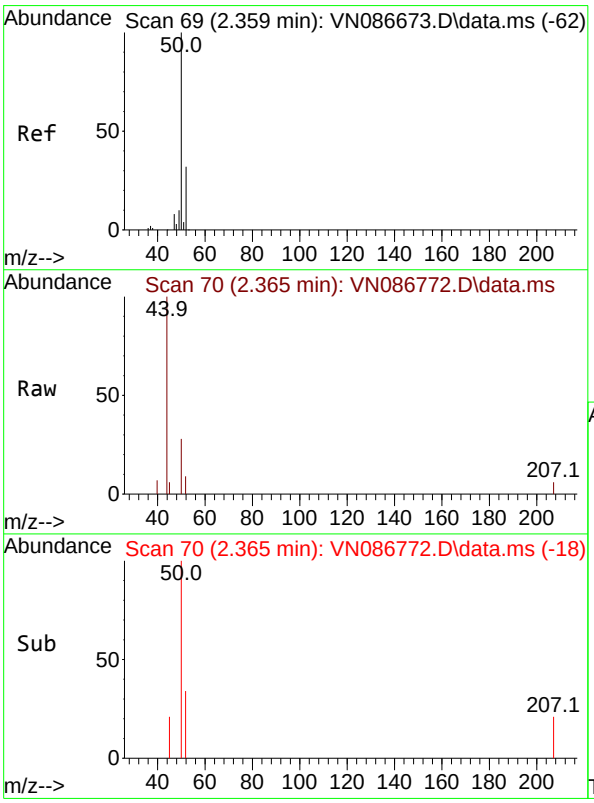
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-2

Tgt Ion:168 Resp: 246001

Ion	Ratio	Lower	Upper
168	100		
99	56.7	47.0	70.4

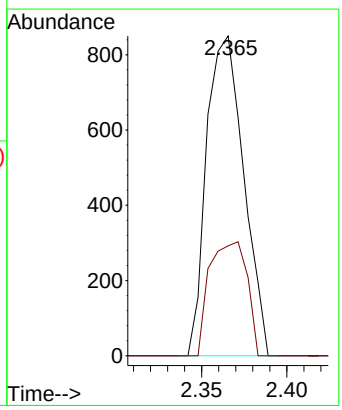


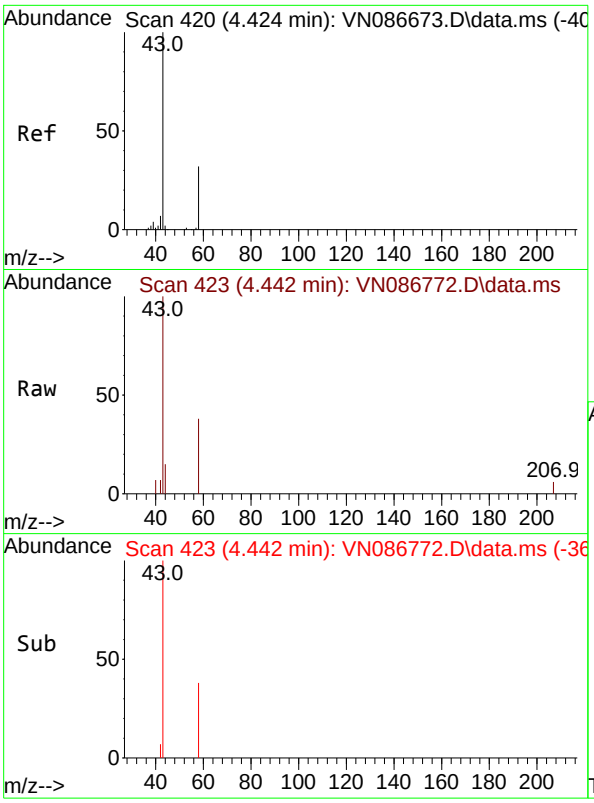


#3
Chloromethane
Concen: 0.321 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Tgt Ion: 50 Resp: 1289

Ion	Ratio	Lower	Upper
50	100		
52	34.4	25.9	38.9



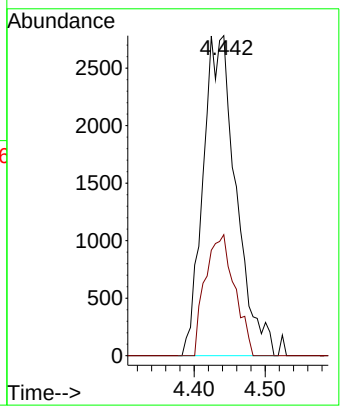


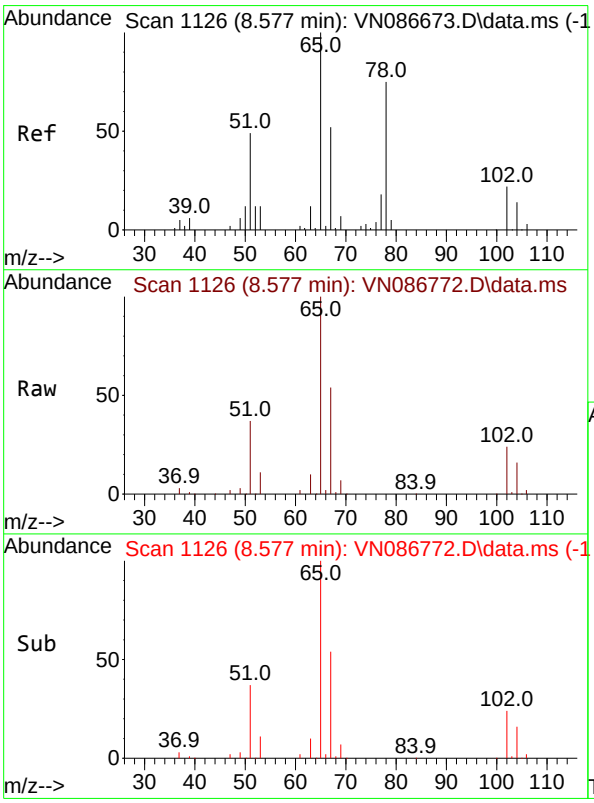
#16
Acetone
Concen: 7.067 ug/l
RT: 4.442 min Scan# 4
Delta R.T. 0.018 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-2

Tgt Ion: 43 Resp: 8986

Ion	Ratio	Lower	Upper
43	100		
58	37.8	25.8	38.6

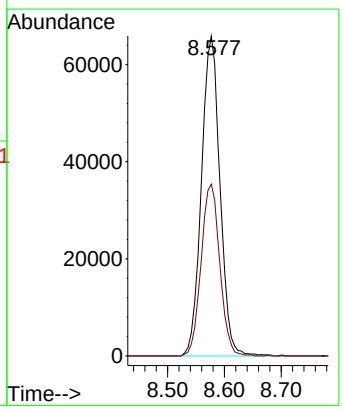


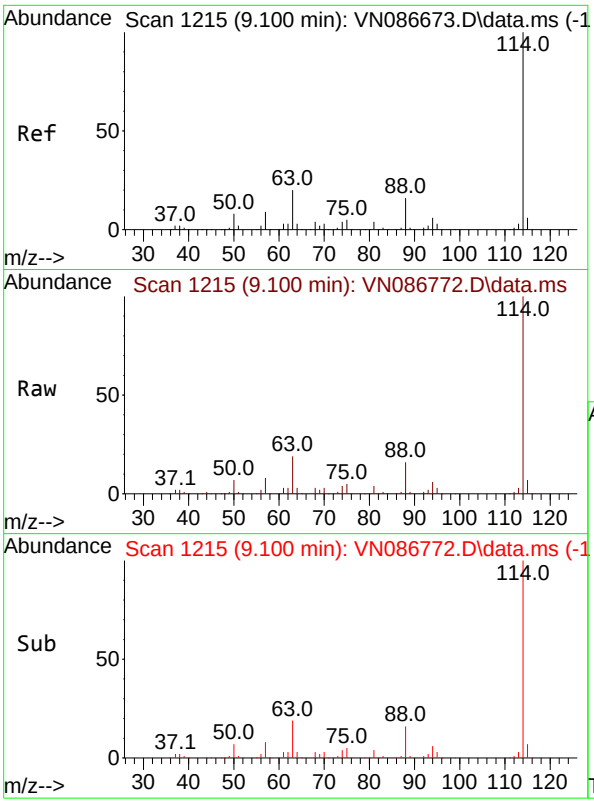


#33
1,2-Dichloroethane-d4
Concen: 43.861 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Tgt Ion: 65 Resp: 149096

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.4



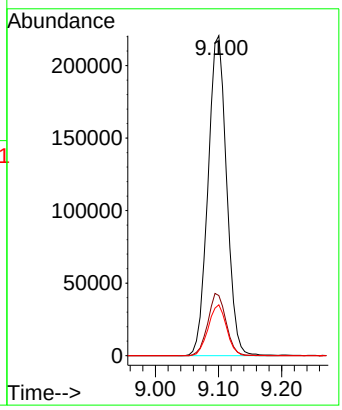


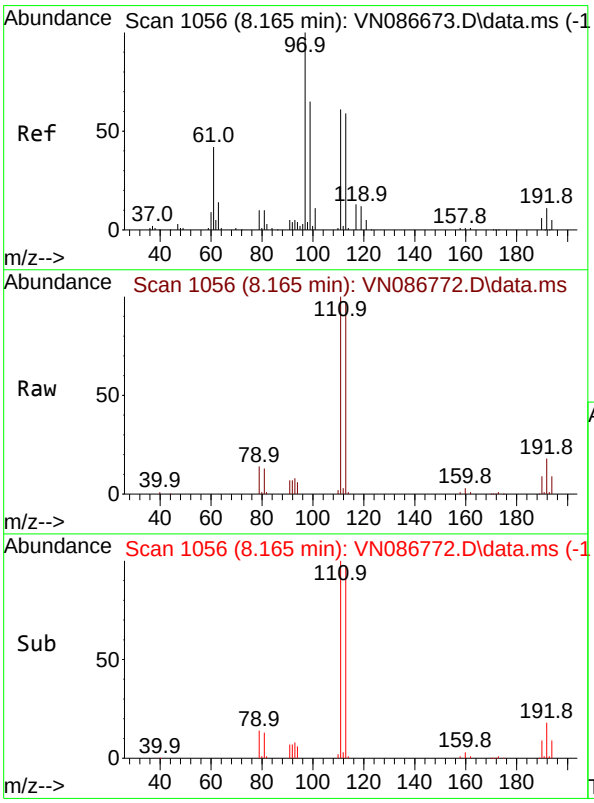
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-2

Tgt Ion:114 Resp: 452072

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.2
88	15.9	0.0	31.2

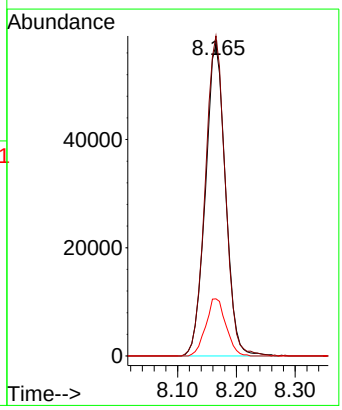


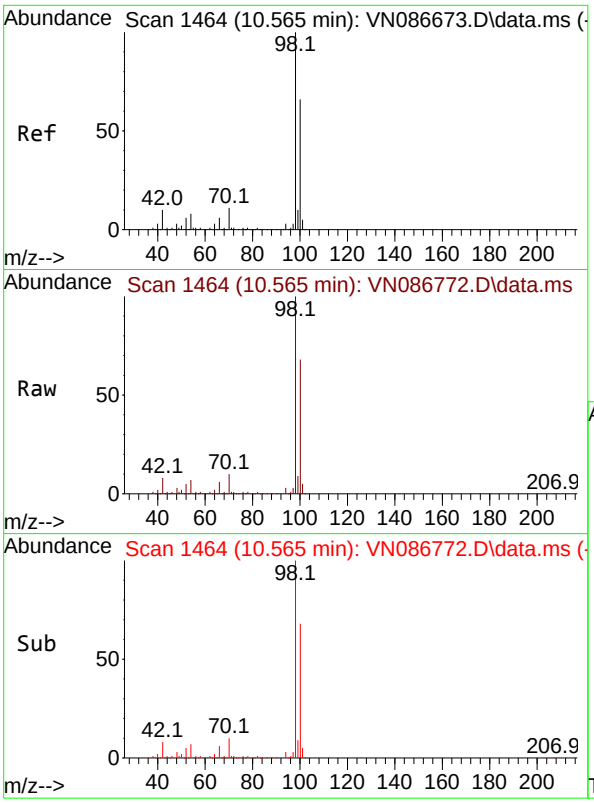


#35
Dibromofluoromethane
Concen: 50.737 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Tgt Ion:113 Resp: 136599

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	18.4	13.8	20.8



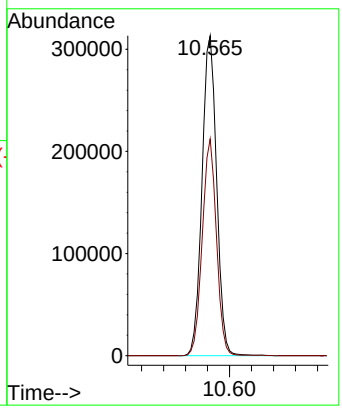


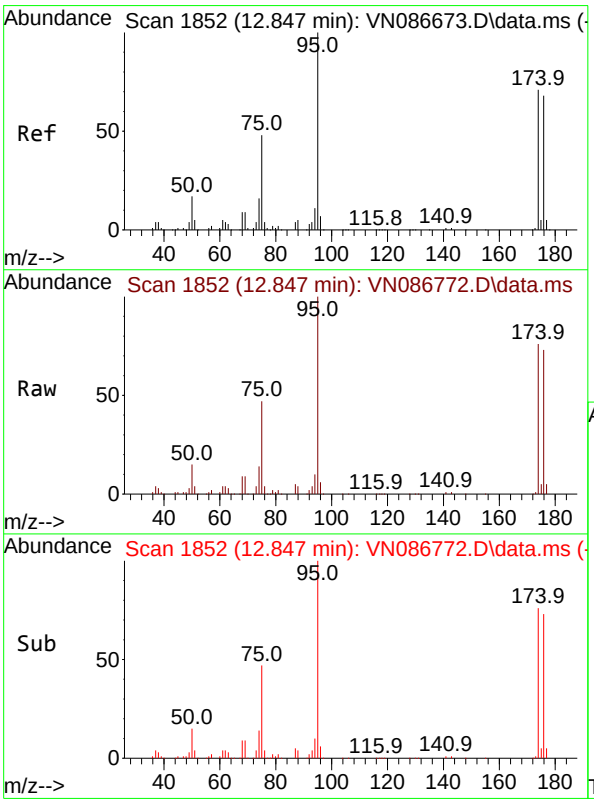
#50
Toluene-d8
Concen: 51.762 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-2

Tgt Ion: 98 Resp: 577501

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3

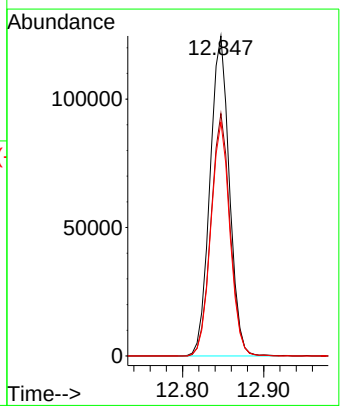


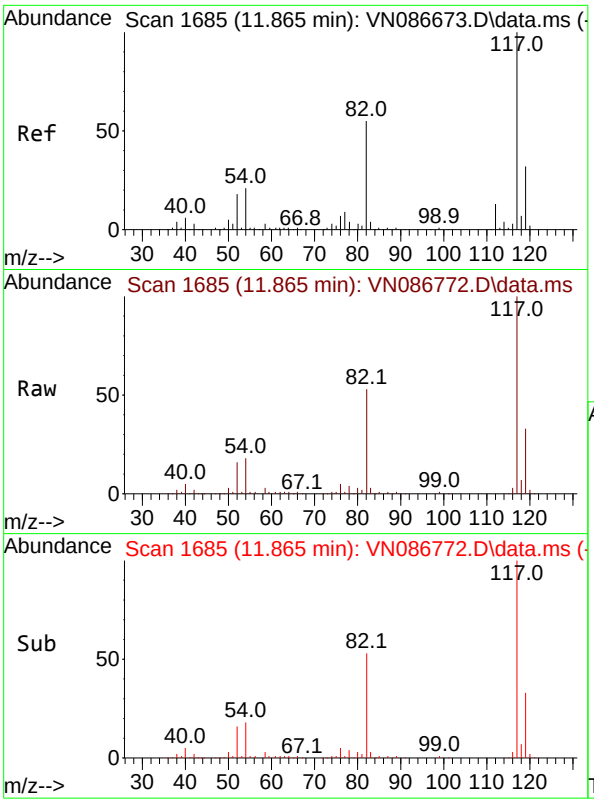


#62
4-Bromofluorobenzene
Concen: 52.467 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Tgt Ion: 95 Resp: 206691

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	145.4
176	71.9	0.0	137.8



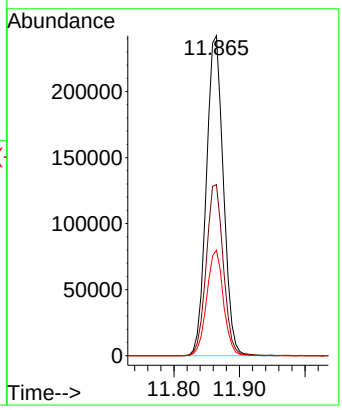


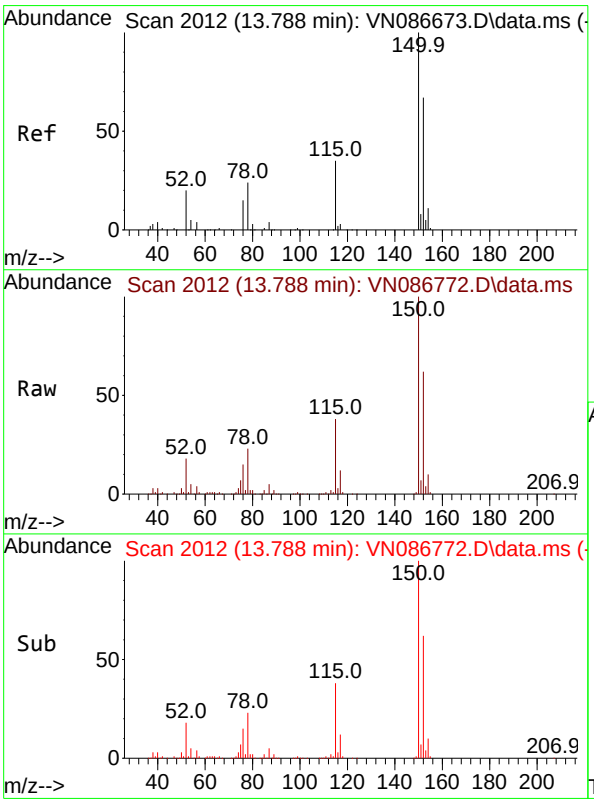
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-2

Tgt Ion:117 Resp: 437261

Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.2	66.2
119	33.0	25.4	38.2

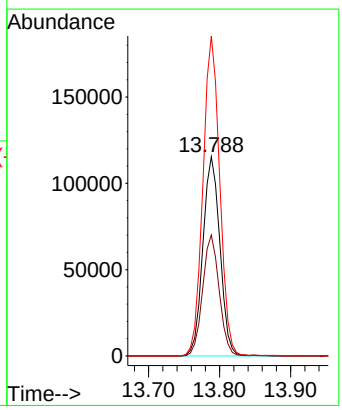


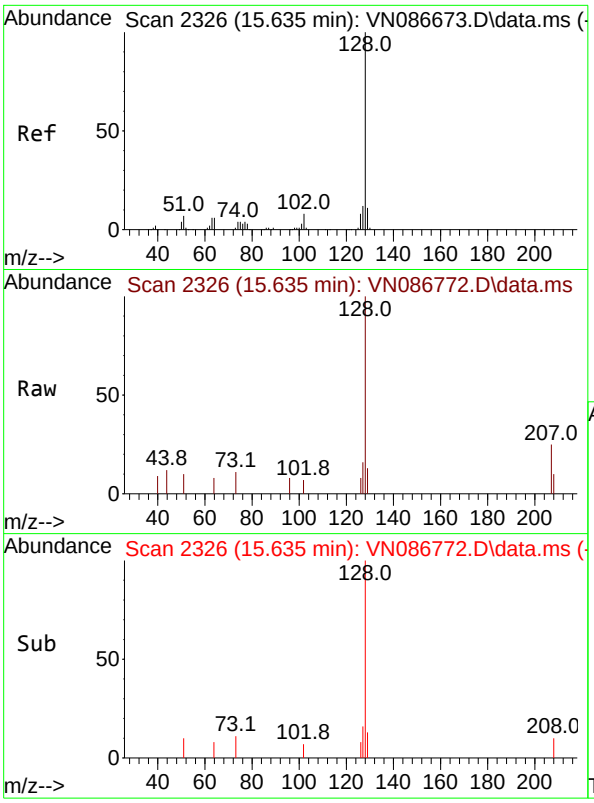


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Tgt Ion:152 Resp: 192791

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.0	90.1
150	158.5	0.0	347.8





#95
Naphthalene
Concen: 0.530 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086772.D
Acq: 23 May 2025 12:40

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-2

Tgt Ion:128 Resp: 4789

Ion	Ratio	Lower	Upper
128	100		
127	6.5	10.1	15.1#
129	7.0	8.6	13.0#