Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086960.D
Acq On : 11 Jun 2025 19:33
Operator : JC\MD
Sample : Q2209-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P01W

Quant Time: Jun 12 01:38:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.236	168	221108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	149549	50.517	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.040%			
35) Dibromofluoromethane	8.177	113	126092	50.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.180%			
50) Toluene-d8	10.571	98	510884	51.780	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.847	95	180893	49.348	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.700%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.542	59	14515	18.070	ug/l #	88
16) Acetone	4.448	43	8812	5.613	ug/l	97
19) Methyl tert-butyl Ether	5.824	73	11912	1.337	ug/l #	91
52) Toluene	10.629	92	1995	0.269	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	5936	0.561	ug/l	96

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

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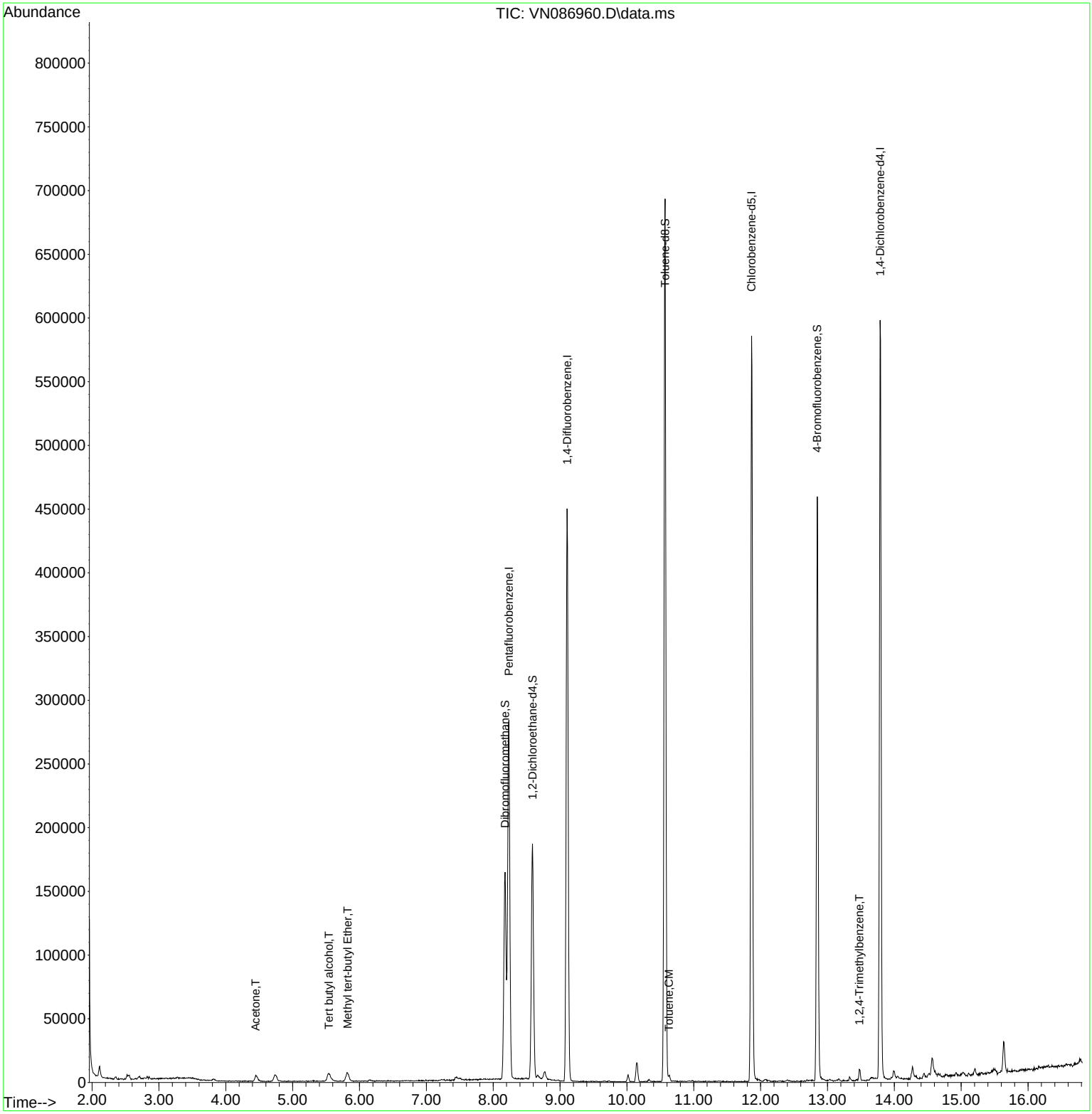
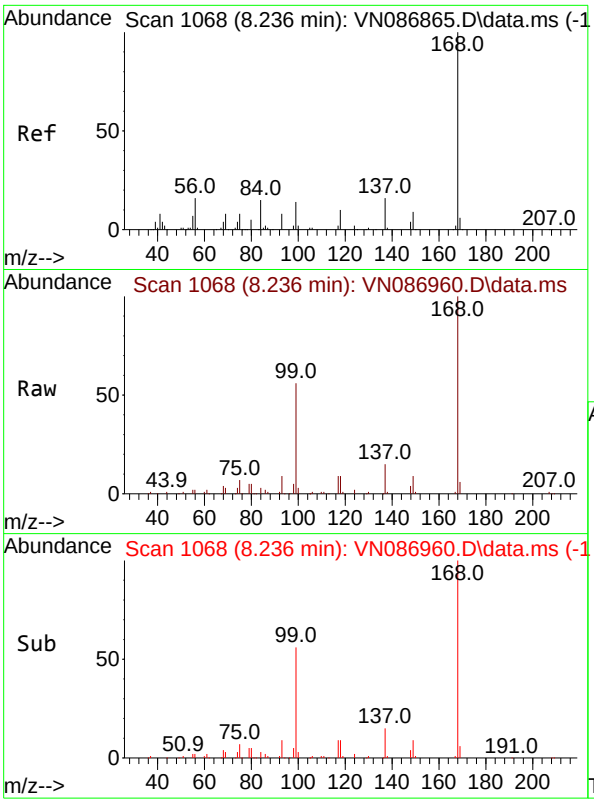


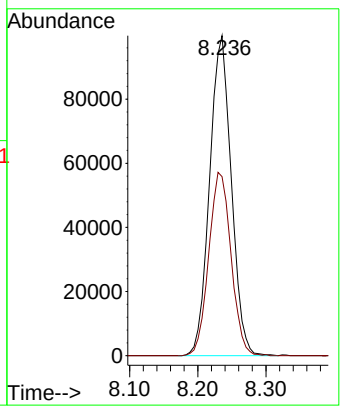


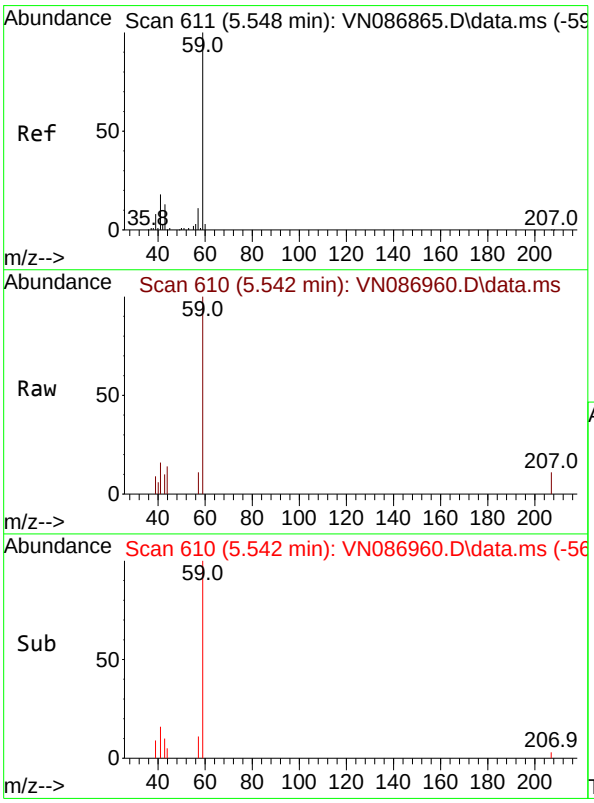
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion:168 Resp: 221108

Ion	Ratio	Lower	Upper
168	100		
99	56.0	49.1	73.7

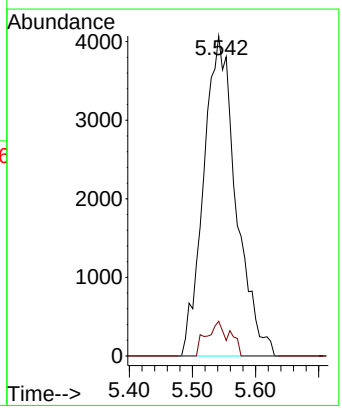


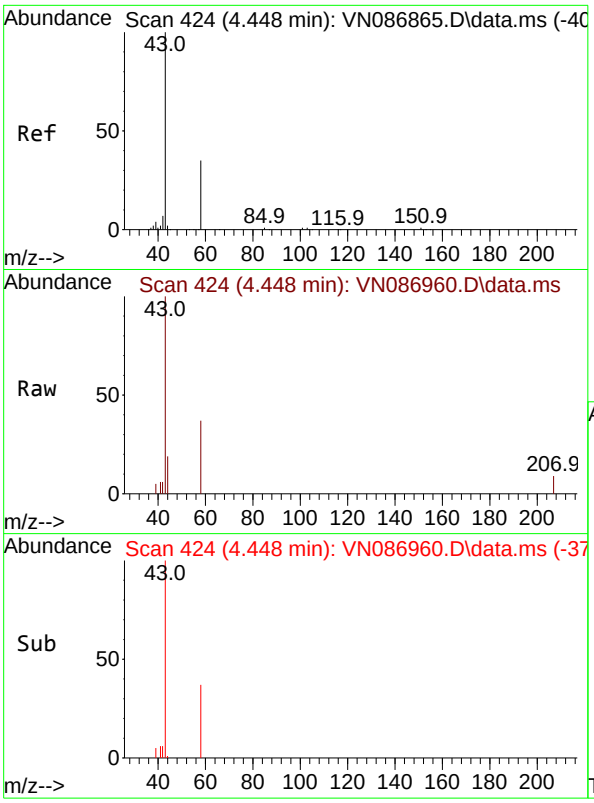


#11
Tert butyl alcohol
Concen: 18.070 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion: 59 Resp: 14515

Ion	Ratio	Lower	Upper
59	100		
57	5.8	8.1	12.1#



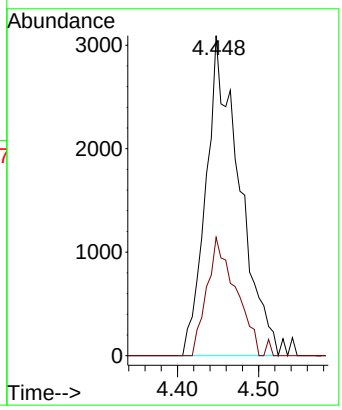


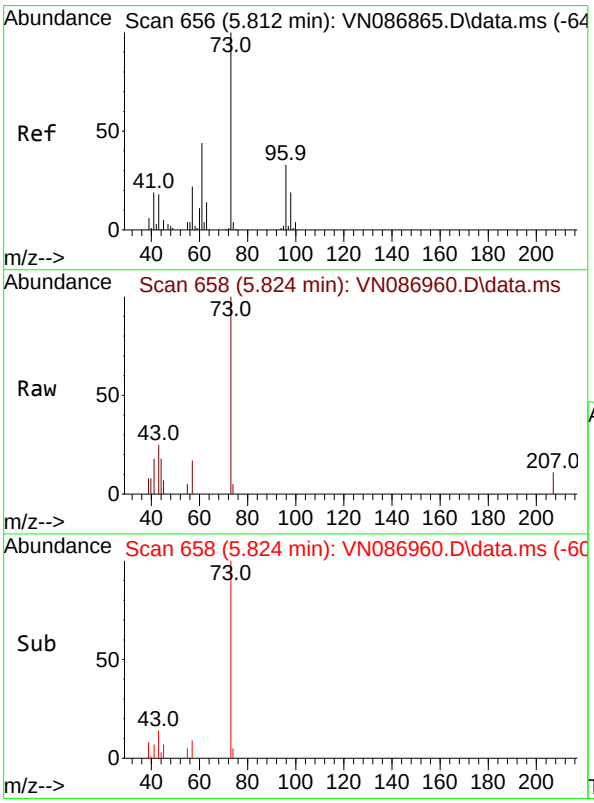
#16
Acetone
Concen: 5.613 ug/l
RT: 4.448 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion: 43 Resp: 8812

Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.0	42.0

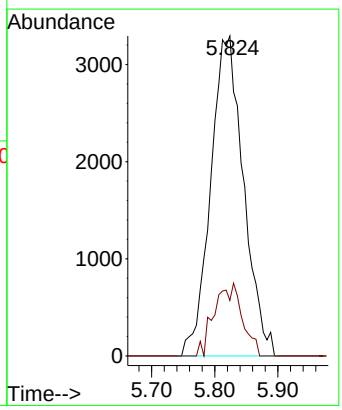


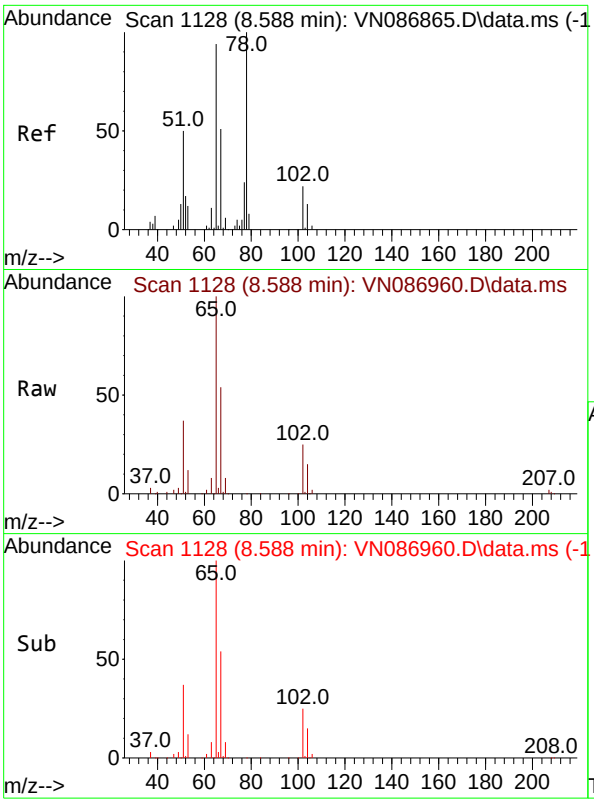


#19
Methyl tert-butyl Ether
Concen: 1.337 ug/l
RT: 5.824 min Scan# 658
Delta R.T. 0.012 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion: 73 Resp: 11912

Ion	Ratio	Lower	Upper
73	100		
57	17.3	17.4	26.2#



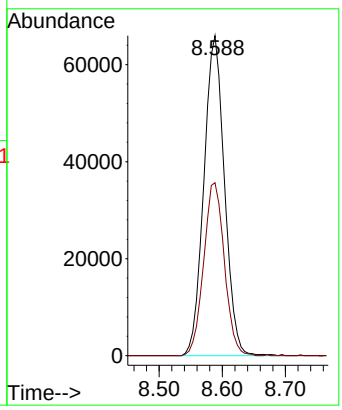


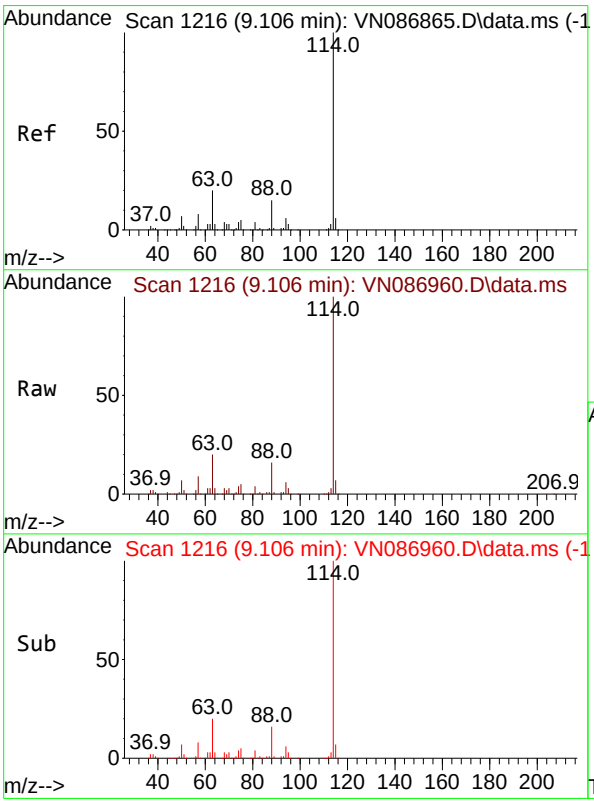
#33
1,2-Dichloroethane-d4
Concen: 50.517 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion: 65 Resp: 149549

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	105.6

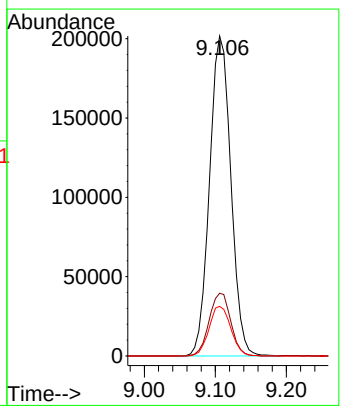


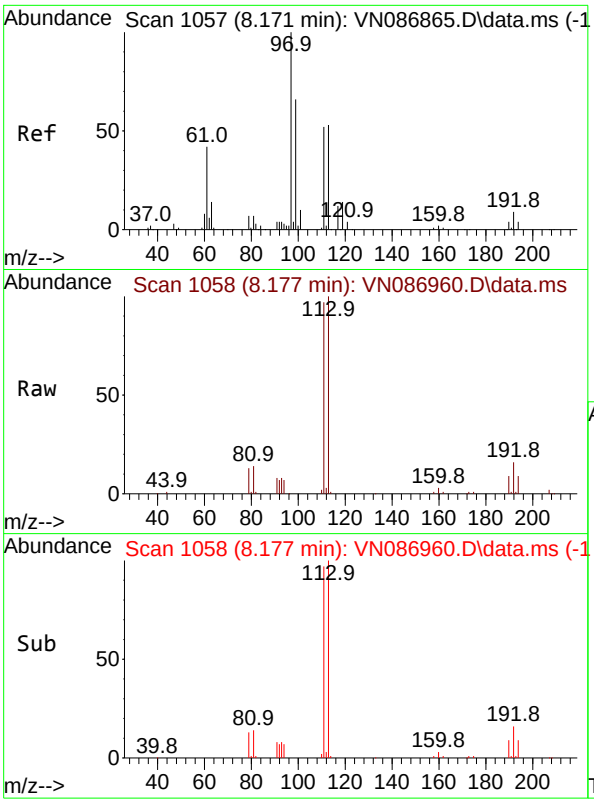


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion:114 Resp: 420559

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.5	0.0	30.2



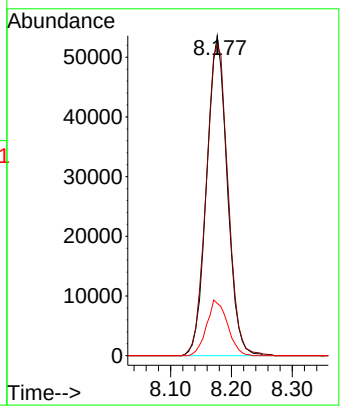


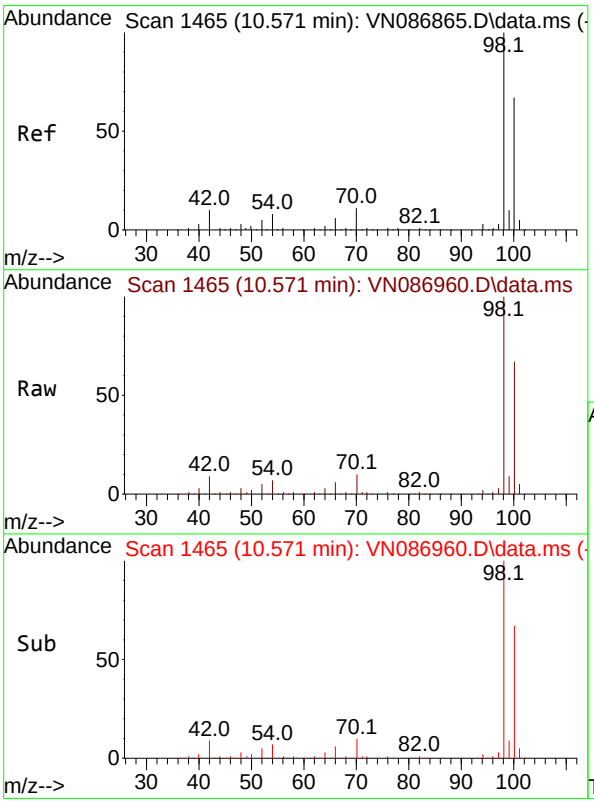
#35
Dibromofluoromethane
Concen: 50.592 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion:113 Resp: 126092

Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.2	126.2
192	17.6	14.2	21.4

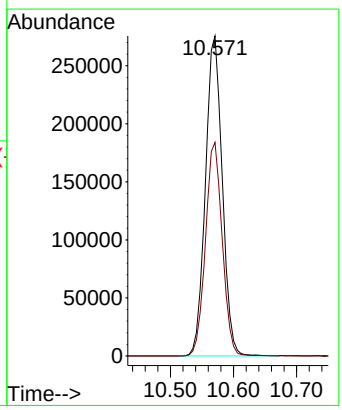


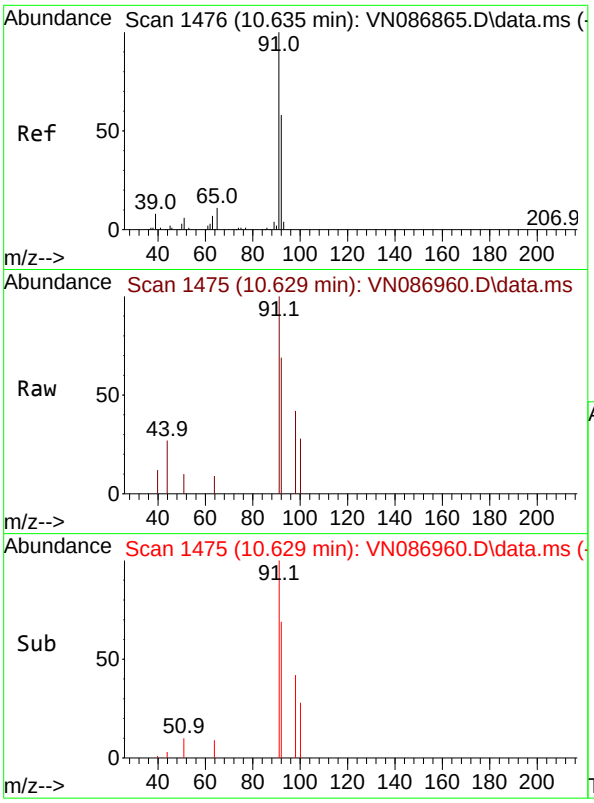


#50
Toluene-d8
Concen: 51.780 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion: 98 Resp: 510884

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0



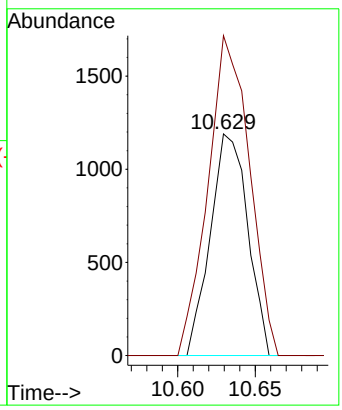


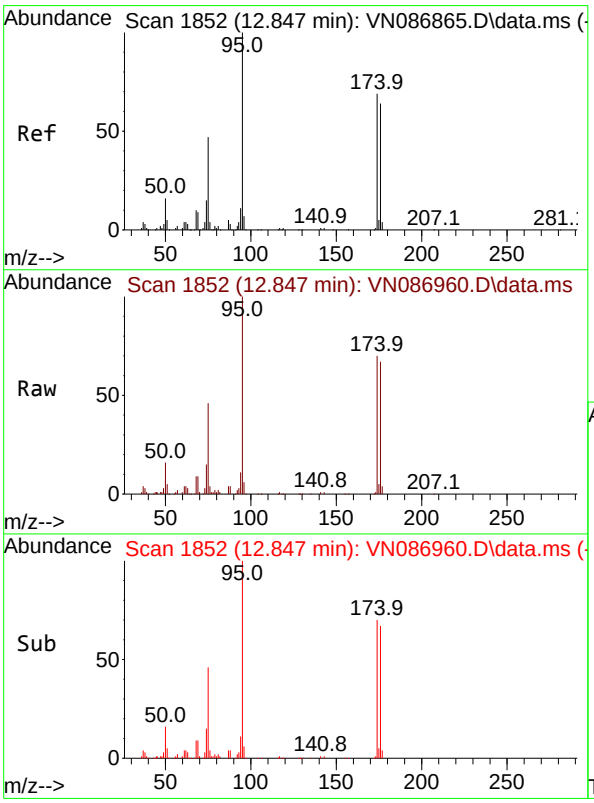
#52
Toluene
Concen: 0.269 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion: 92 Resp: 1995

Ion	Ratio	Lower	Upper
92	100		
91	160.2	136.5	204.7

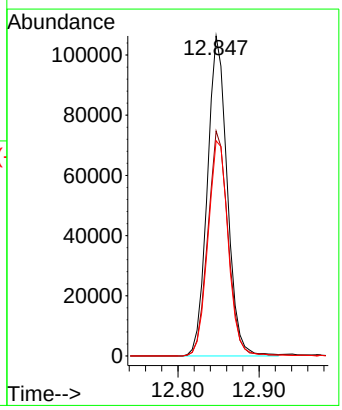


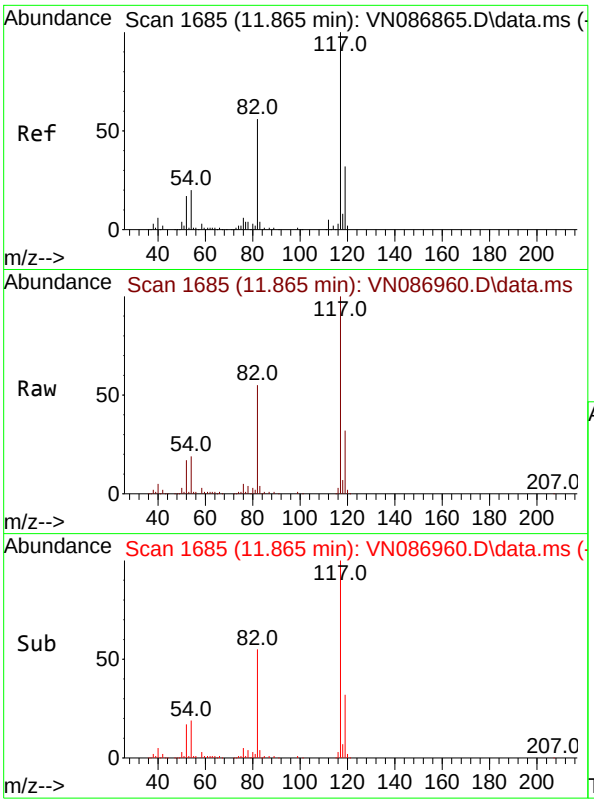


#62
4-Bromofluorobenzene
Concen: 49.348 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion: 95 Resp: 180893

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	141.8
176	68.8	0.0	132.6



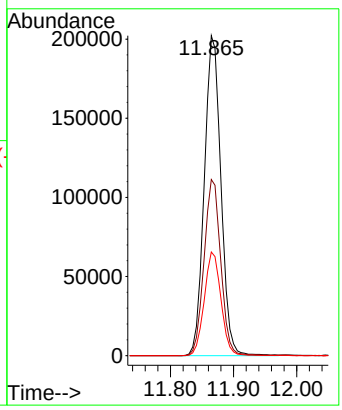


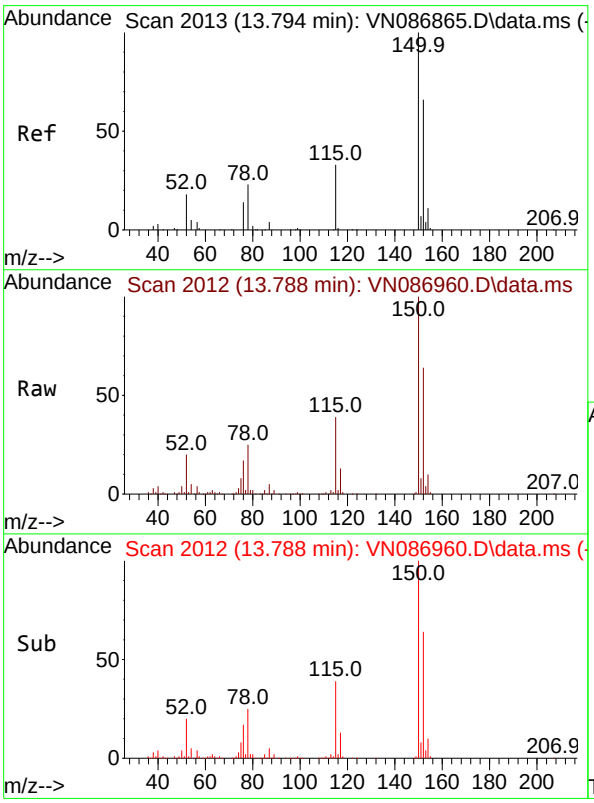
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion:117 Resp: 370668

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	32.4	25.5	38.3

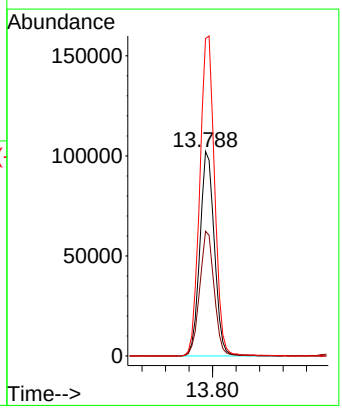


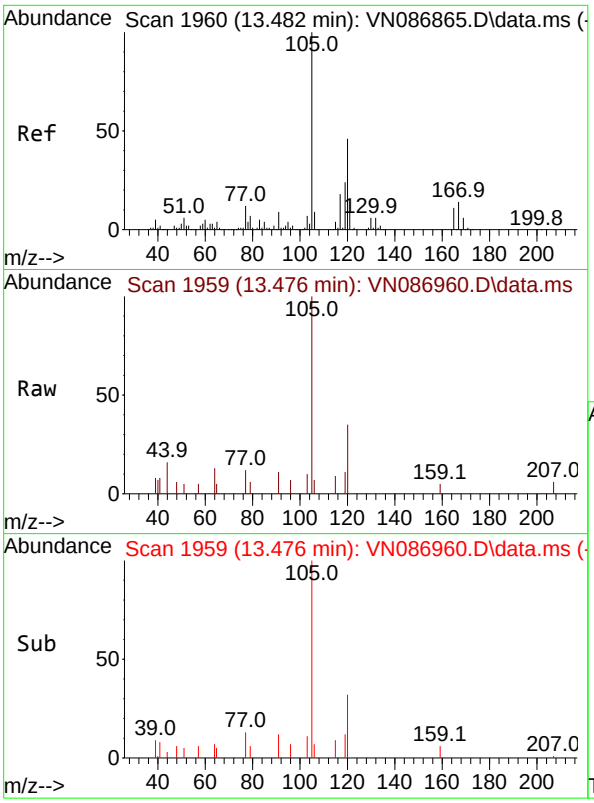


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion:152 Resp: 175389

Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.1	90.5
150	160.3	0.0	345.0





#84
1,2,4-Trimethylbenzene
Concen: 0.561 ug/l
RT: 13.476 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion:105 Resp: 5936

Ion	Ratio	Lower	Upper
105	100		
120	44.1	23.2	69.6