Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
Data File : VN086895.D
Acq On : 09 Jun 2025 11:33
Operator : JC\MD
Sample : Q2216-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
3865

Quant Time: Jun 09 13:28:07 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	8.230	168	391760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	696305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	603798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	294406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	226237	43.132	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 86.260%			
35) Dibromofluoromethane	8.177	113	197074	47.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.520%			
50) Toluene-d8	10.565	98	837075	51.242	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.847	95	298237	49.140	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.542	59	22113	15.537	ug/l	99
16) Acetone	4.453	43	6650	2.391	ug/l	94
20) Methylene Chloride	5.295	84	1454	0.279	ug/l	87
52) Toluene	10.630	92	2555	0.208	ug/l	95

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

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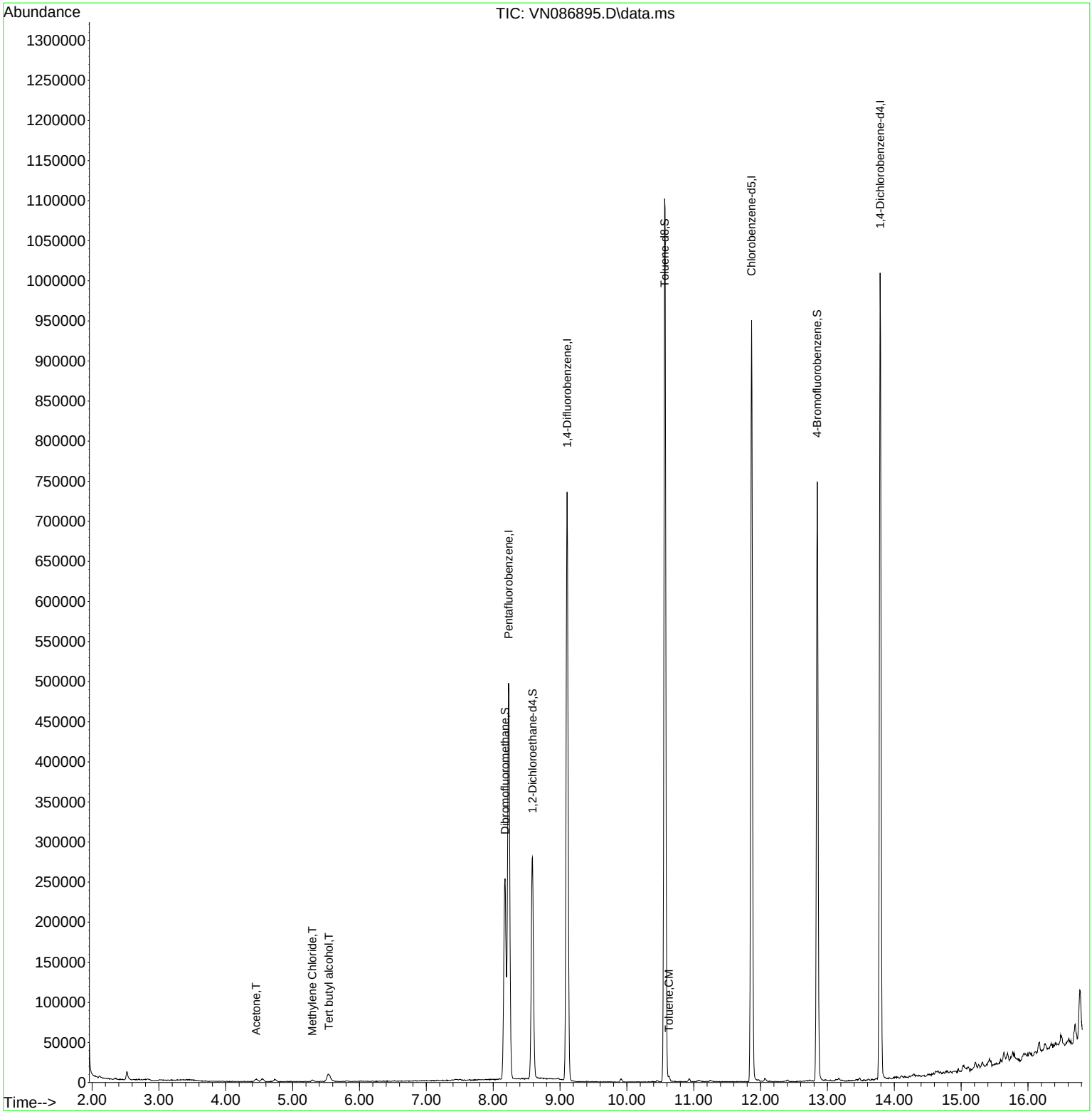
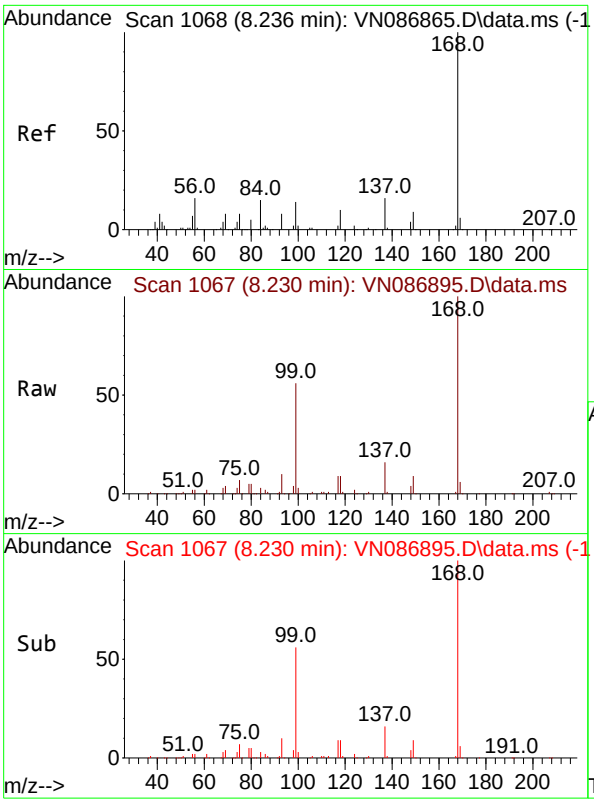


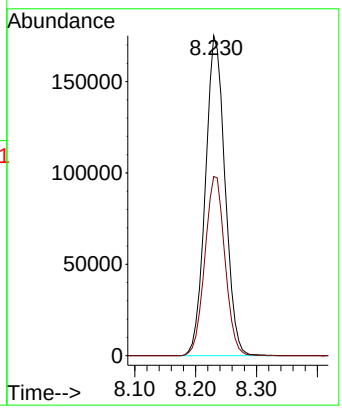


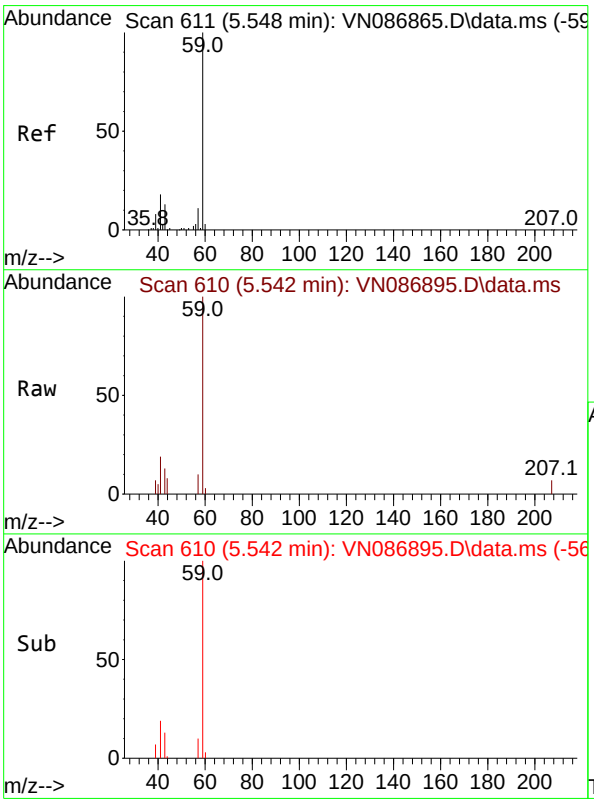
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
3865

Tgt Ion:168 Resp: 391760

Ion	Ratio	Lower	Upper
168	100		
99	56.0	49.1	73.7

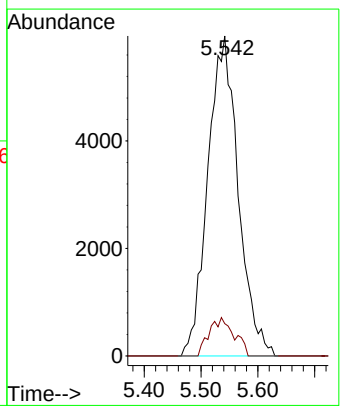


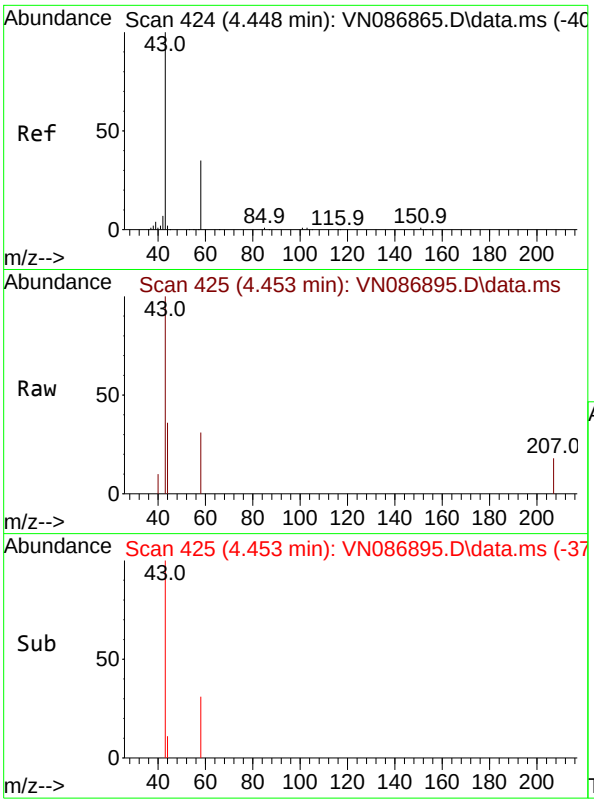


#11
Tert butyl alcohol
Concen: 15.537 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Tgt Ion: 59 Resp: 22113

Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1



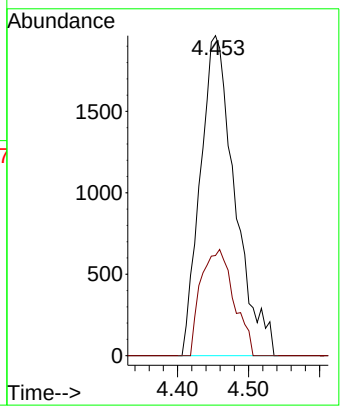


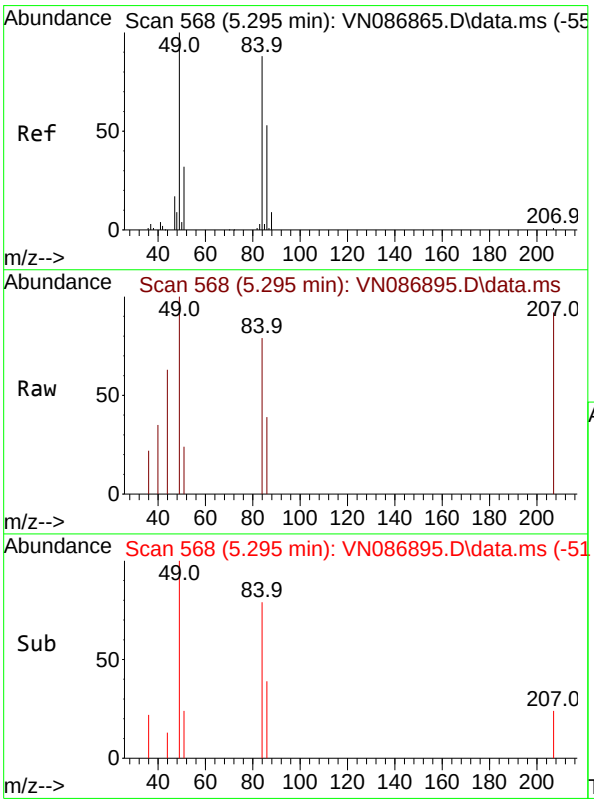
#16
Acetone
Concen: 2.391 ug/l
RT: 4.453 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
3865

Tgt Ion: 43 Resp: 6650

Ion	Ratio	Lower	Upper
43	100		
58	31.3	28.0	42.0

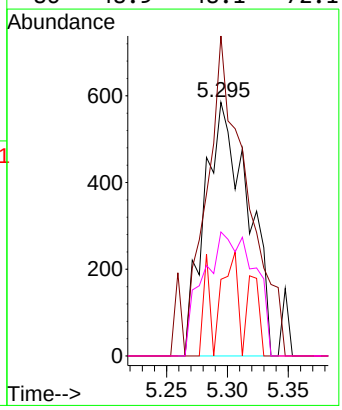


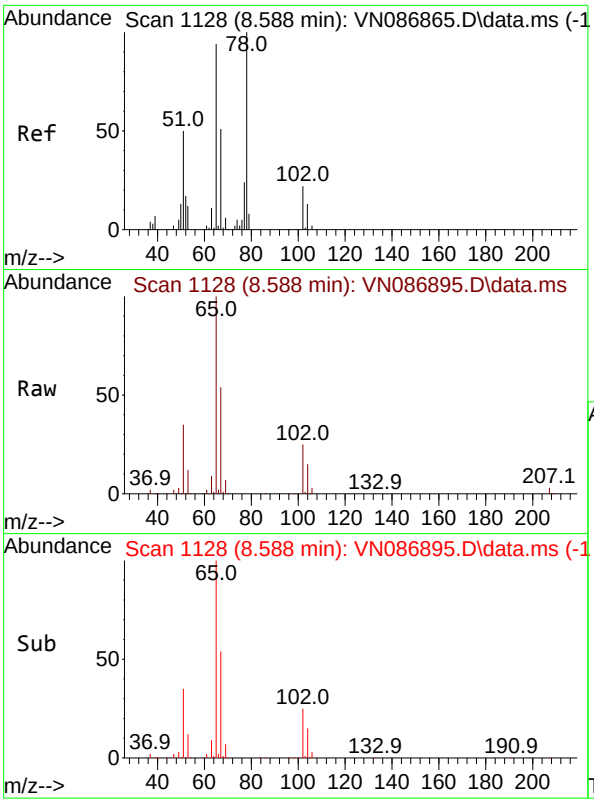


#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Tgt Ion: 84 Resp: 1454

Ion	Ratio	Lower	Upper
84	100		
49	99.1	90.5	135.7
51	30.3	28.5	42.7
86	48.9	48.1	72.1



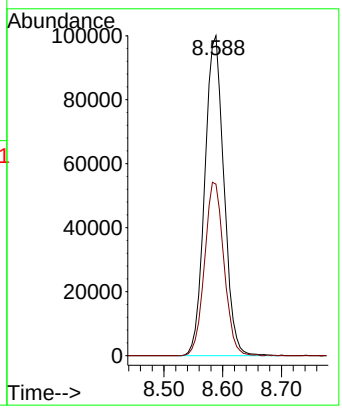


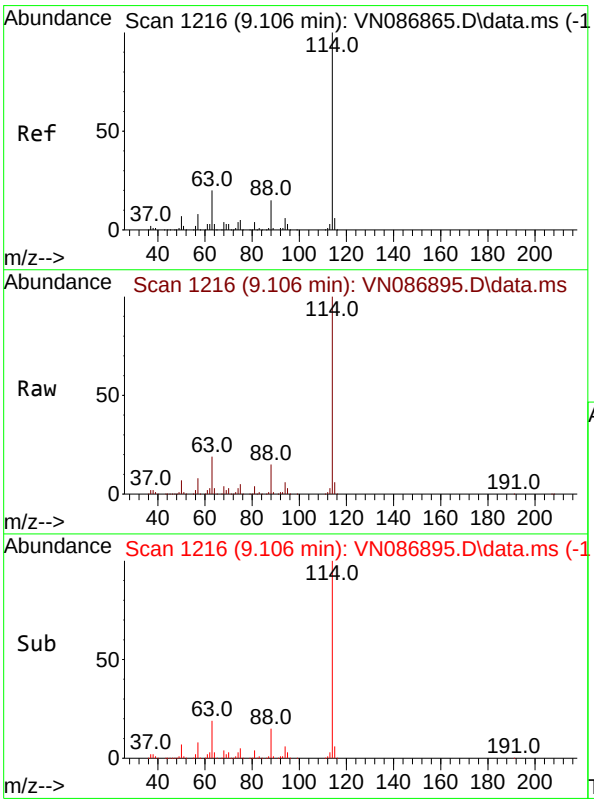
#33
1,2-Dichloroethane-d4
Concen: 43.132 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
3865

Tgt Ion: 65 Resp: 226237

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	105.6

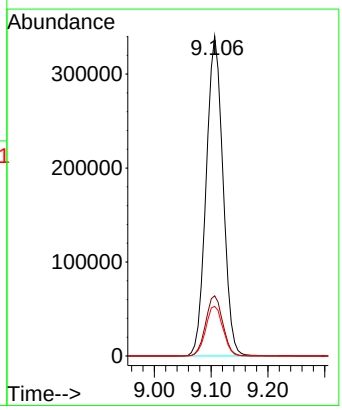


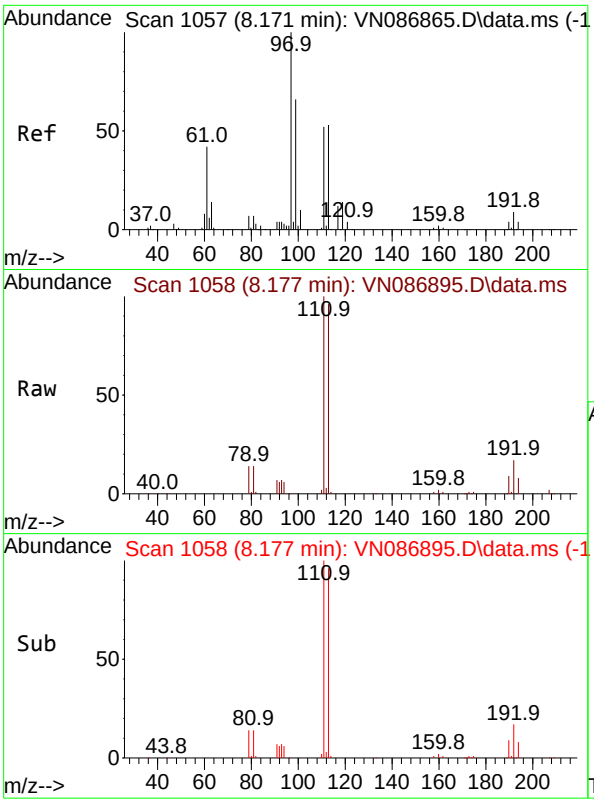


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Tgt Ion:114 Resp: 696305

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.6
88	15.5	0.0	30.2



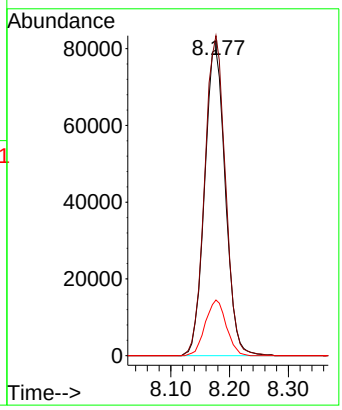


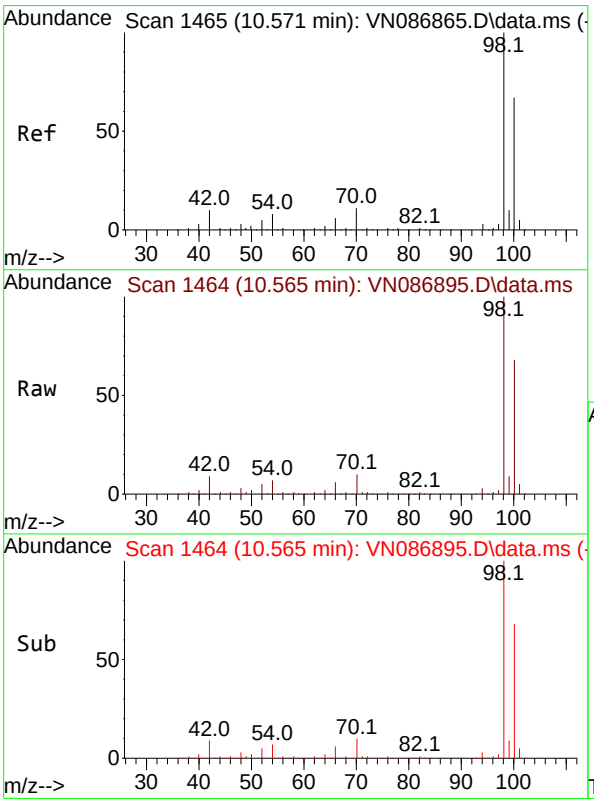
#35
Dibromofluoromethane
Concen: 47.759 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
3865

Tgt Ion:113 Resp: 197074

Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.2	126.2
192	18.3	14.2	21.4

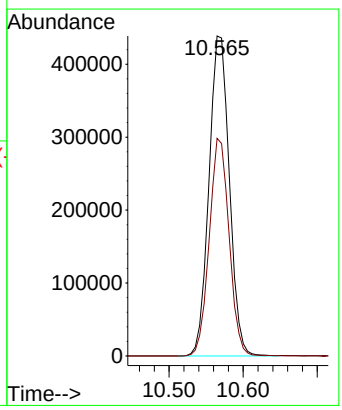


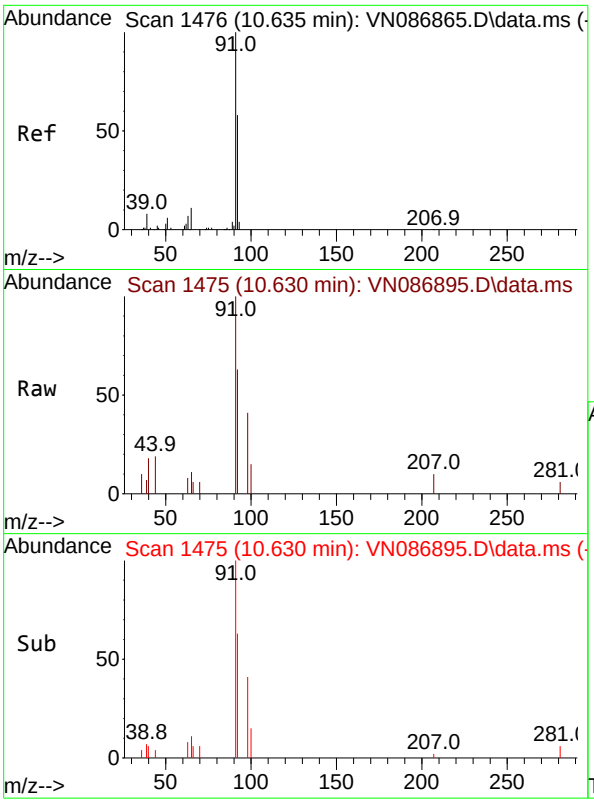


#50
Toluene-d8
Concen: 51.242 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Tgt Ion: 98 Resp: 837075

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.0



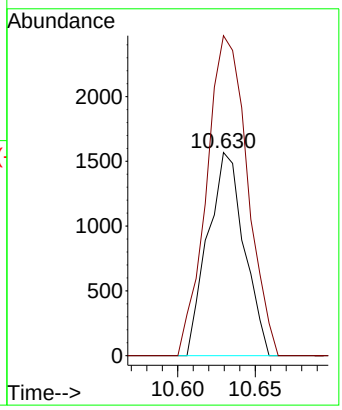


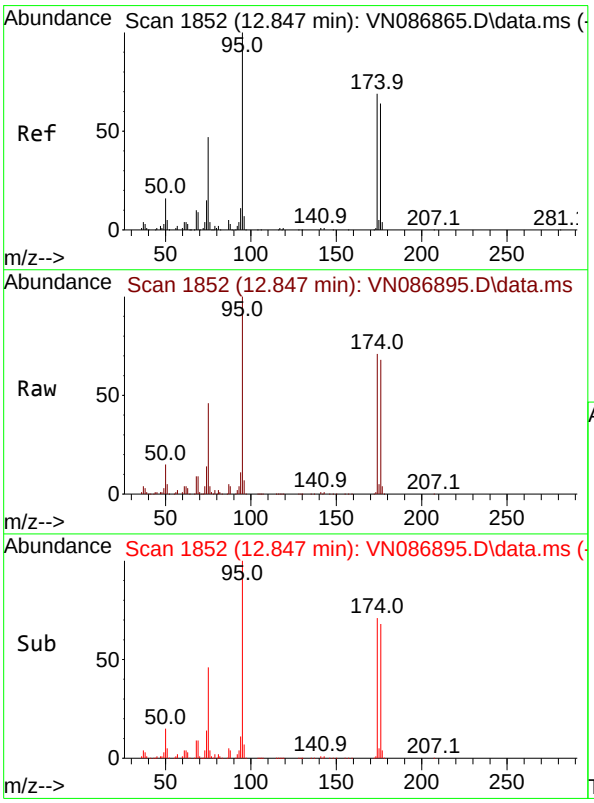
#52
Toluene
Concen: 0.208 ug/l
RT: 10.630 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
3865

Tgt Ion: 92 Resp: 2555

Ion	Ratio	Lower	Upper
92	100		
91	177.2	136.5	204.7

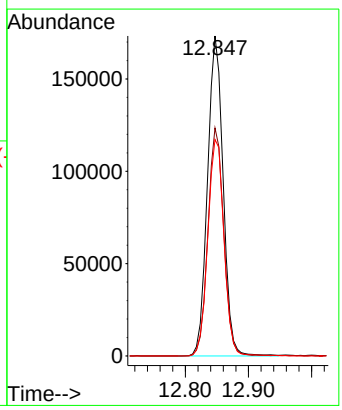


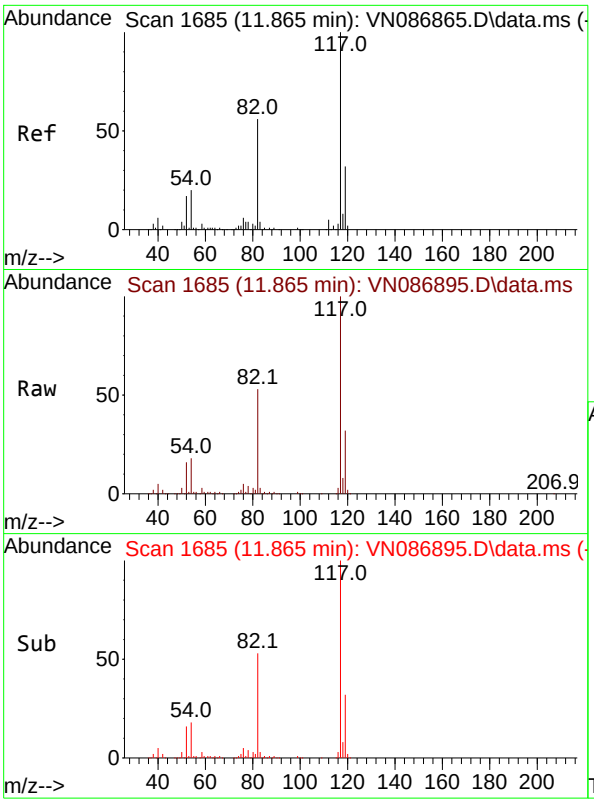


#62
4-Bromofluorobenzene
Concen: 49.140 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Tgt Ion: 95 Resp: 298237

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	141.8
176	69.9	0.0	132.6



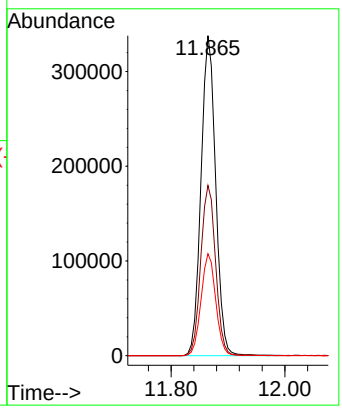


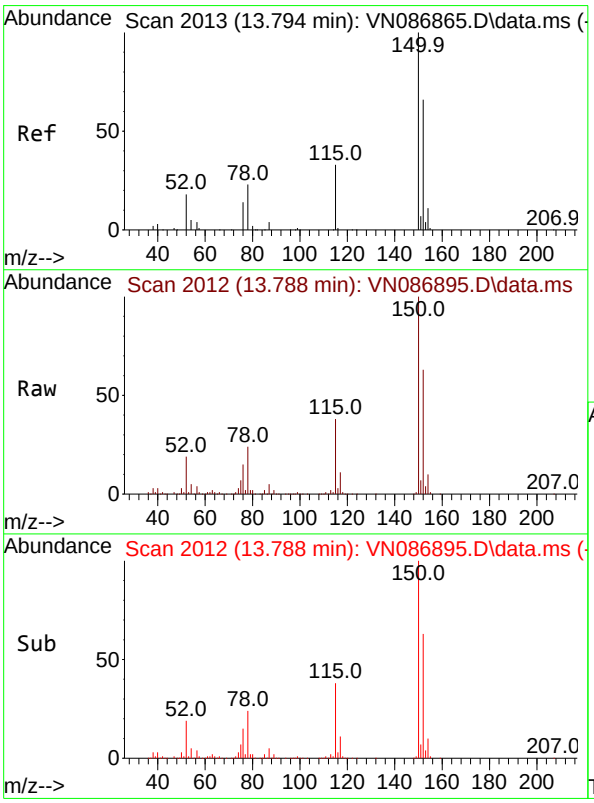
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086895.D
Acq: 09 Jun 2025 11:33

Instrument :
MSVOA_N
ClientSampleId :
3865

Tgt Ion:117 Resp: 603798

Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.6	67.0
119	31.9	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: VN086895.D
Acq: 09 Jun 2025 11:33

Tgt Ion:152 Resp: 294406

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.5
150	158.5	0.0	345.0