Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086512.D
Acq On : 06 May 2025 14:11
Operator : JC\MD
Sample : Q1956-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 07 02:55:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
COMP1

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	173251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119640	47.622	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.240%			
35) Dibromofluoromethane	8.165	113	84652	56.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.480%			
50) Toluene-d8	10.565	98	411132	51.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.220%			
62) 4-Bromofluorobenzene	12.847	95	150608	51.331	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.660%			
Target Compounds						Qvalue
16) Acetone	4.430	43	44053	46.062	ug/l	97
20) Methylene Chloride	5.277	84	7210	3.104	ug/l	84
43) Isopropyl Acetate	8.688	43	23631m	2.342	ug/l	

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

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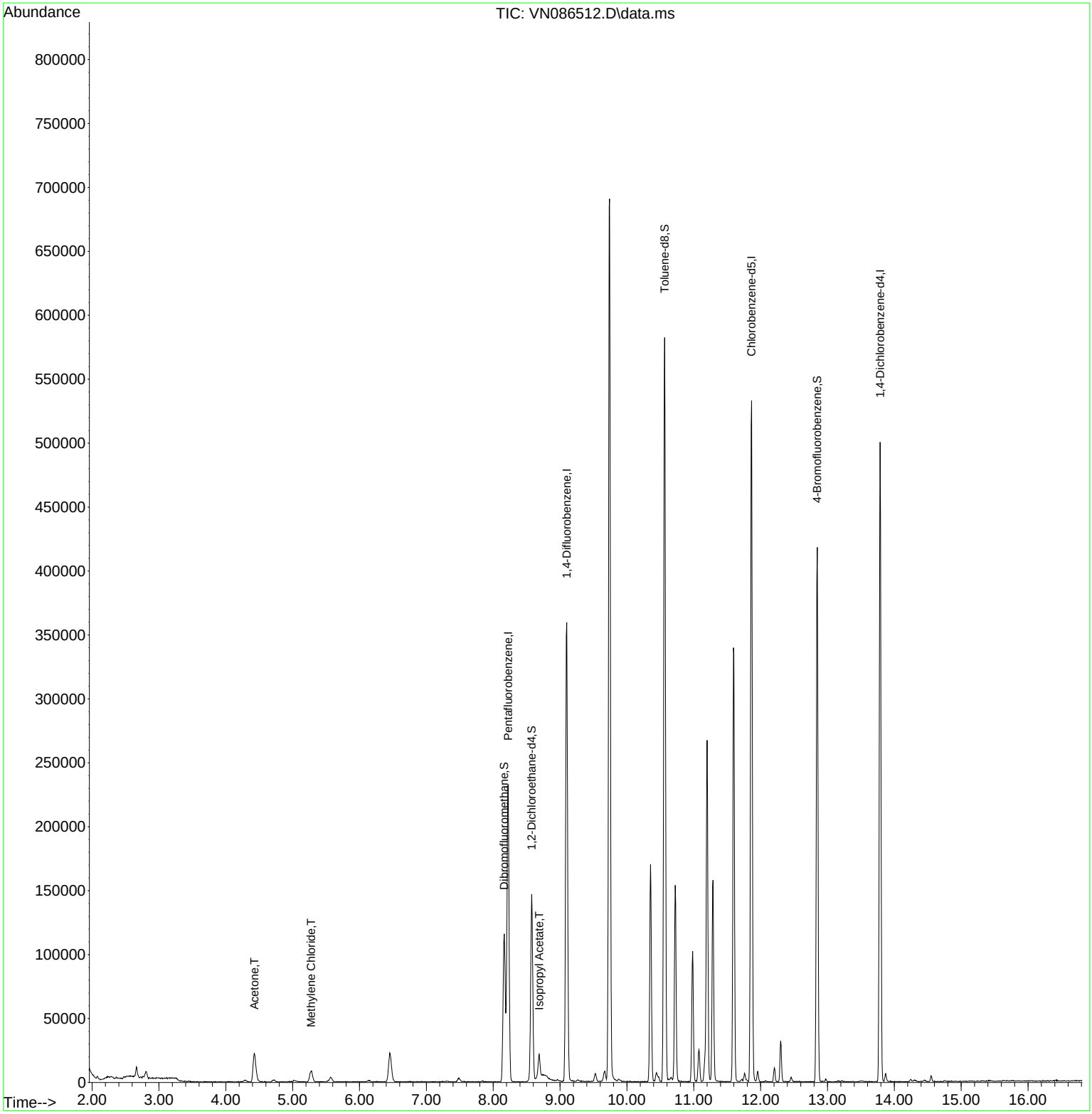
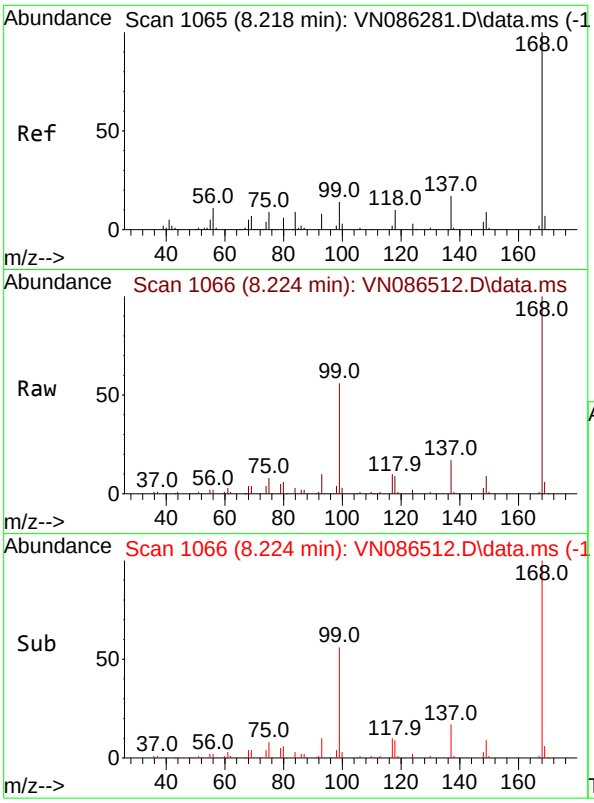
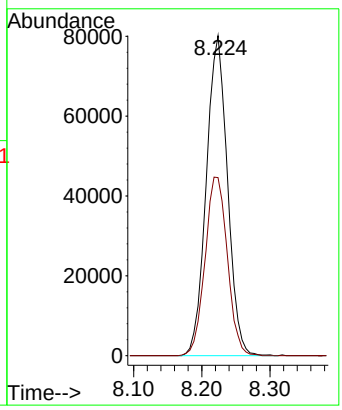




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion:168 Resp: 17325

Ion	Ratio	Lower	Upper
168	100		
99	55.6	52.5	78.7



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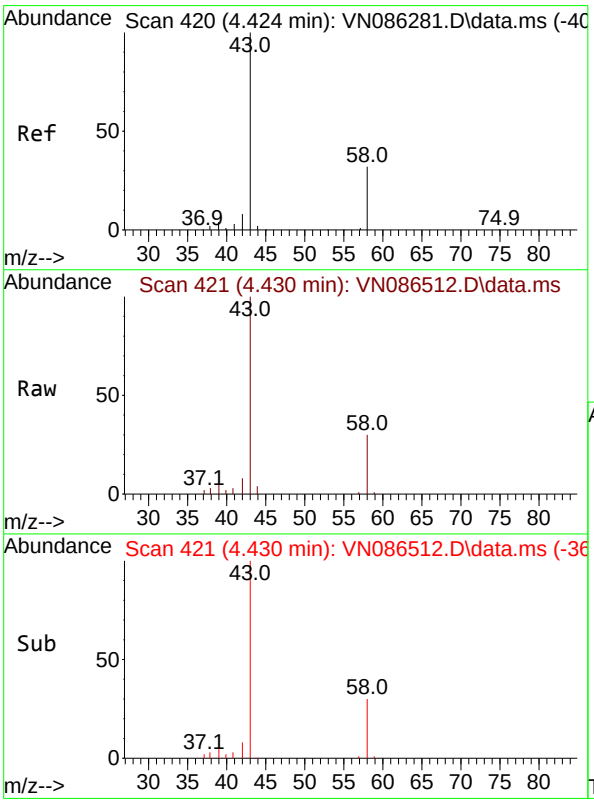
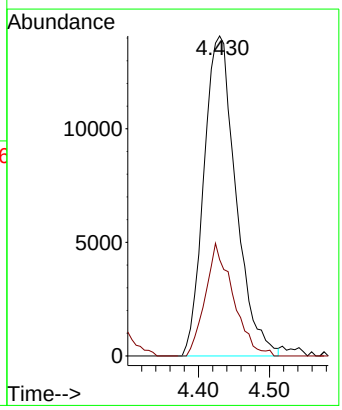
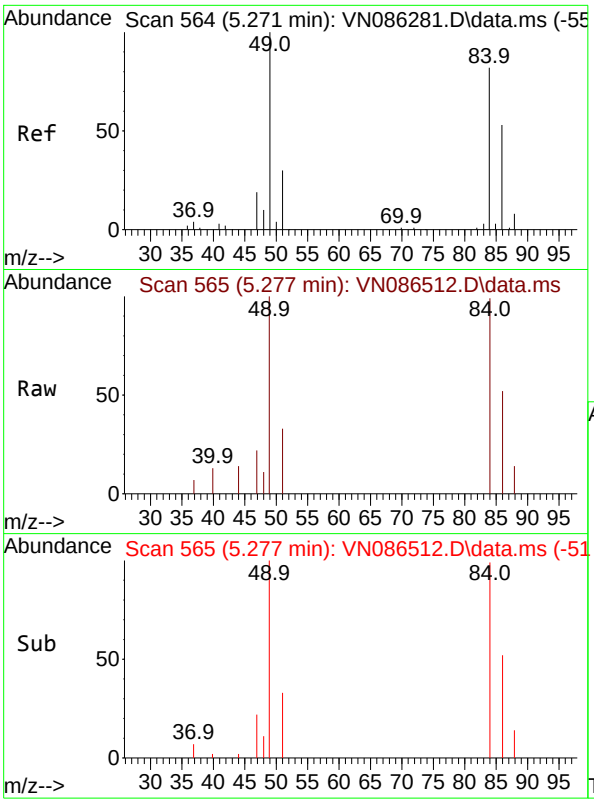


#16
Acetone
Concen: 46.062 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion: 43 Resp: 44053

Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.3	37.9

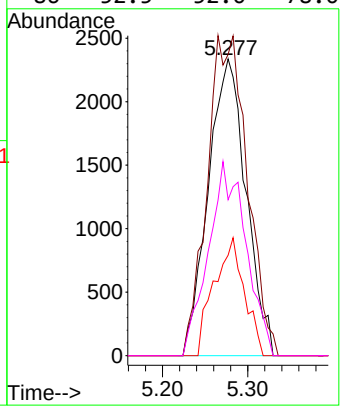




#20
Methylene Chloride
Concen: 3.104 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion: 84 Resp: 721

Ion	Ratio	Lower	Upper
84	100		
49	101.5	98.2	147.2
51	33.8	29.8	44.6
86	52.5	52.0	78.0



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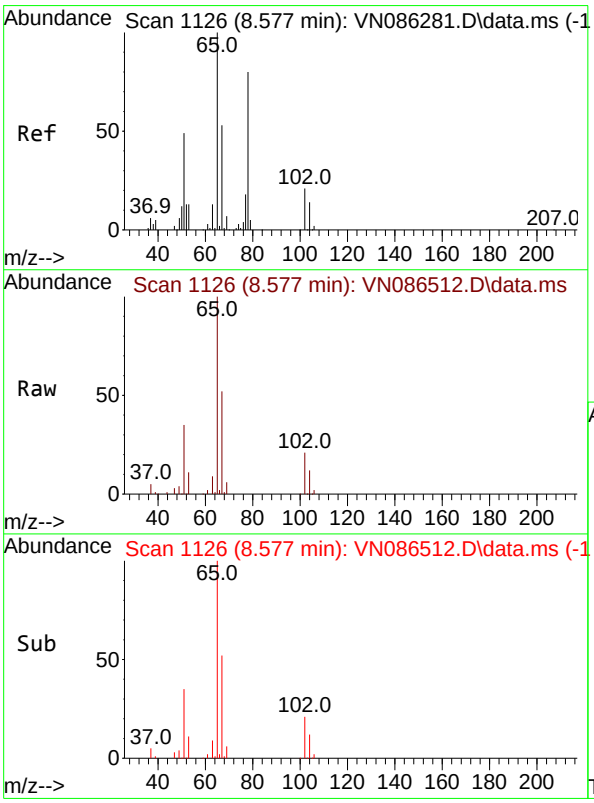
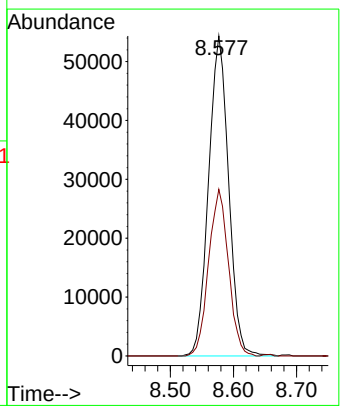
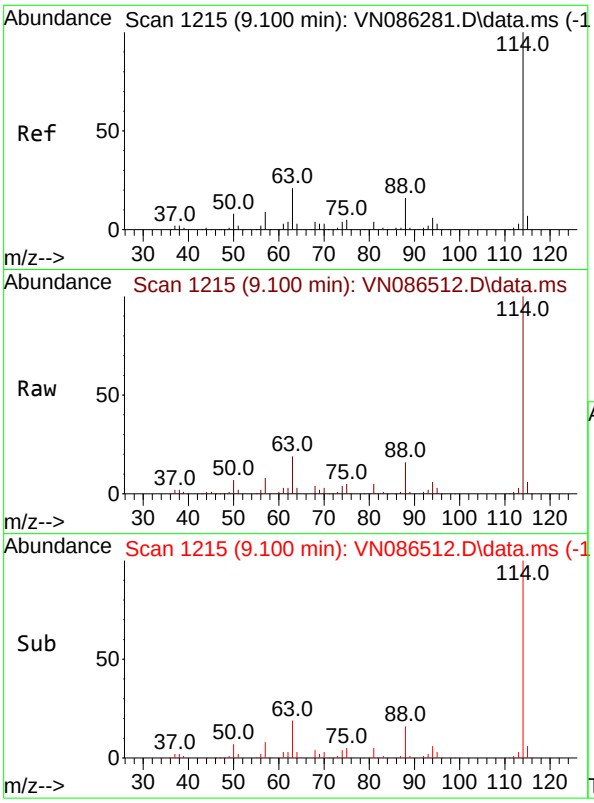


#33
1,2-Dichloroethane-d4
Concen: 47.622 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion: 65 Resp: 119640

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.0

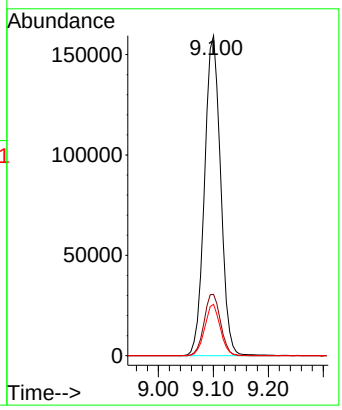




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion:114 Resp: 32430

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.6
88	16.1	0.0	31.8



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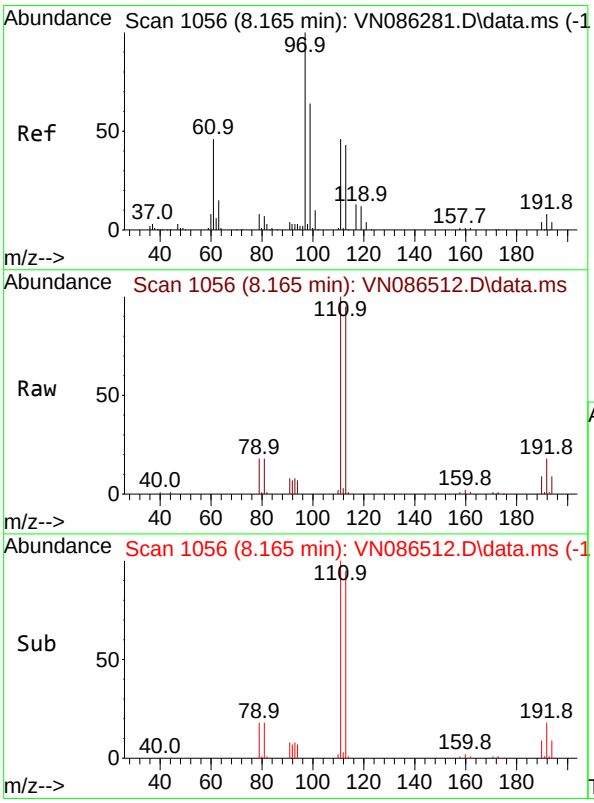
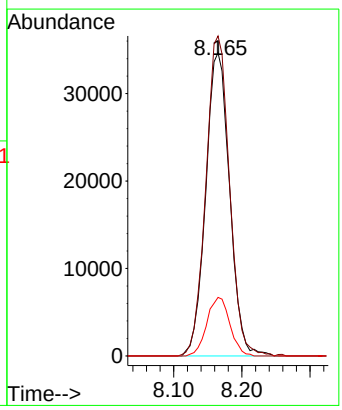
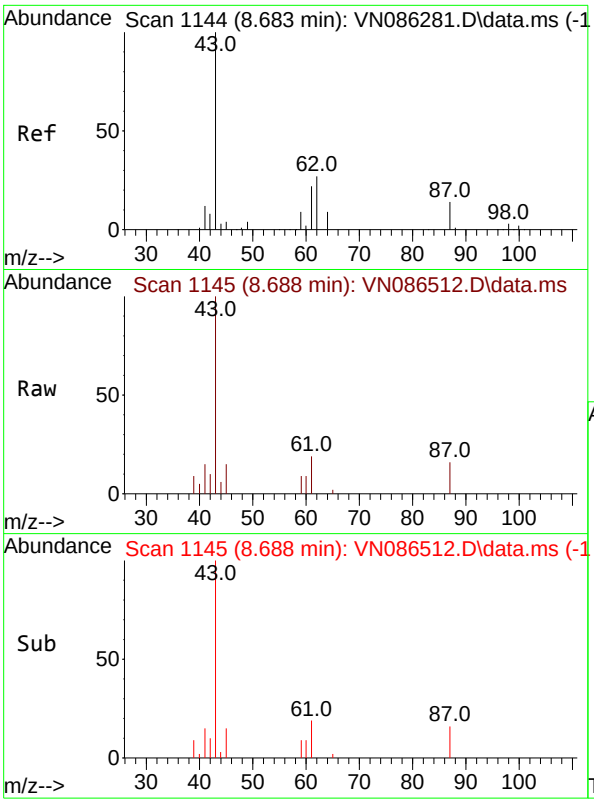


#35
Dibromofluoromethane
Concen: 56.242 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion:113 Resp: 84652

Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.4	125.0
192	18.6	13.7	20.5





#43
Isopropyl Acetate
Concen: 2.342 ug/l m
RT: 8.688 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion: 43 Resp: 2363

Ion	Ratio	Lower	Upper
43	100		
61	18.8	20.5	30.7#
87	12.7	10.5	15.7

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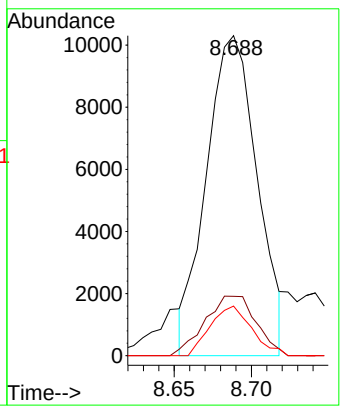
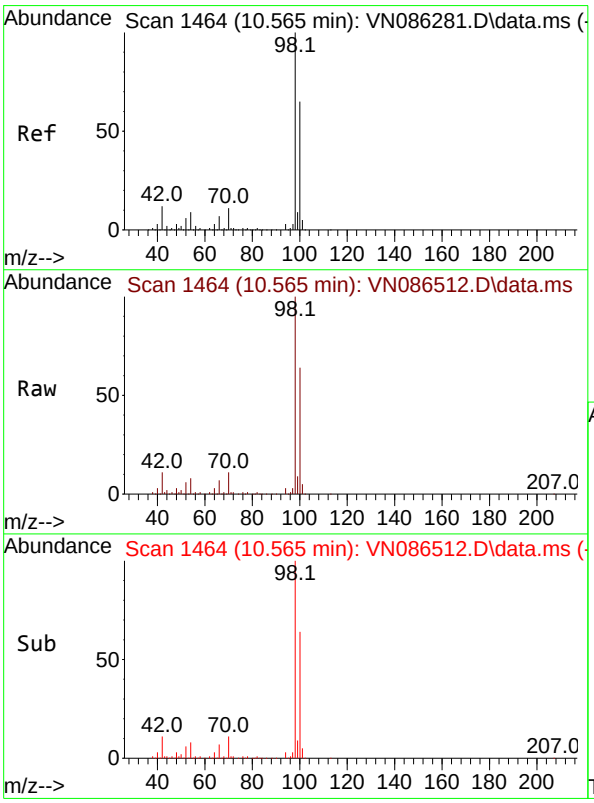
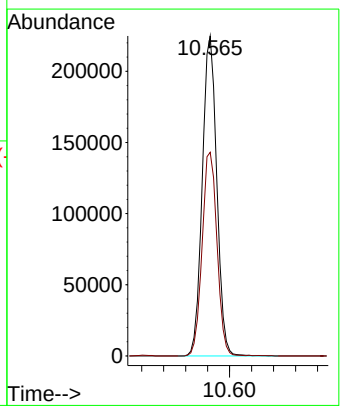


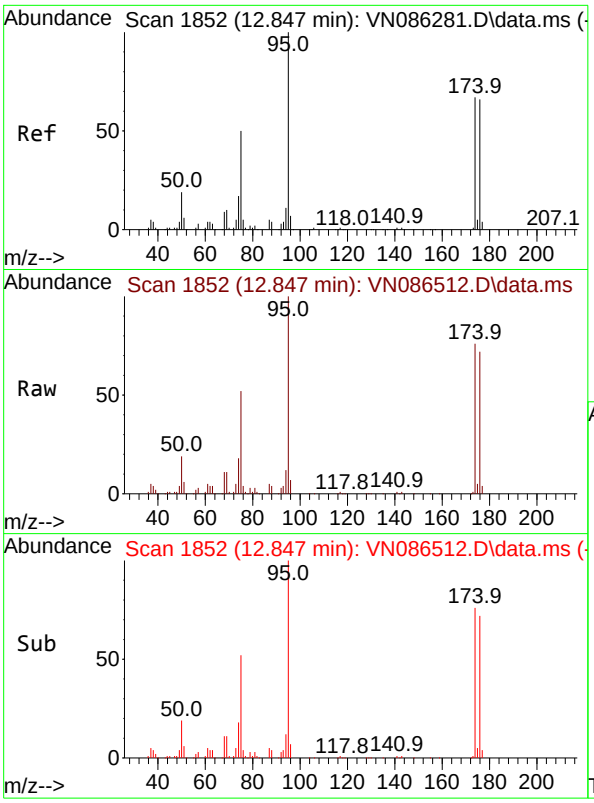


#50
Toluene-d8
Concen: 51.109 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion: 98 Resp: 411132

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7





#62
4-Bromofluorobenzene
Concen: 51.331 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion: 95 Resp: 15060

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	133.4
176	72.0	0.0	129.2

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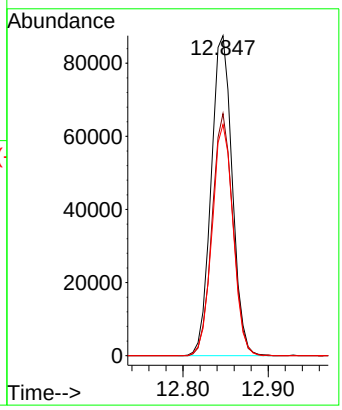
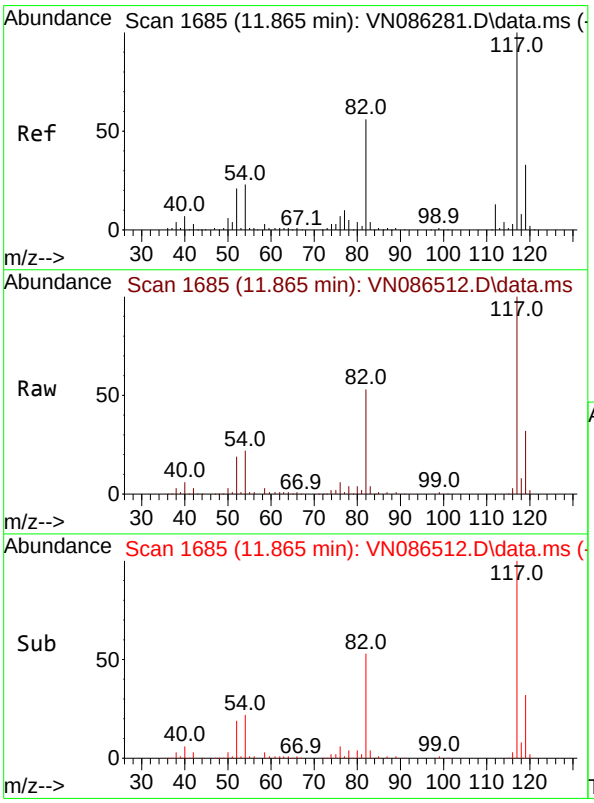
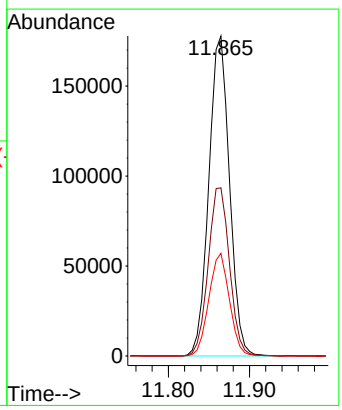


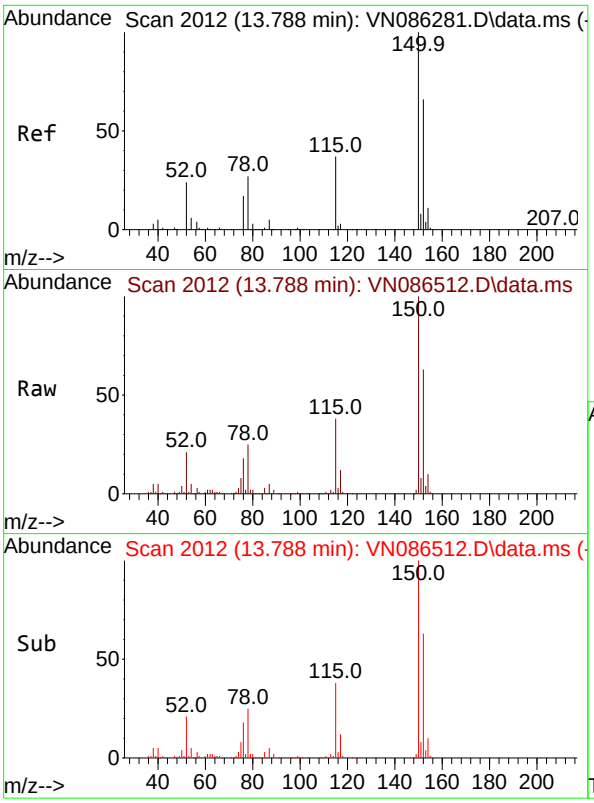


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion:117 Resp: 314398

Ion	Ratio	Lower	Upper
117	100		
82	52.5	44.7	67.1
119	32.1	26.4	39.6

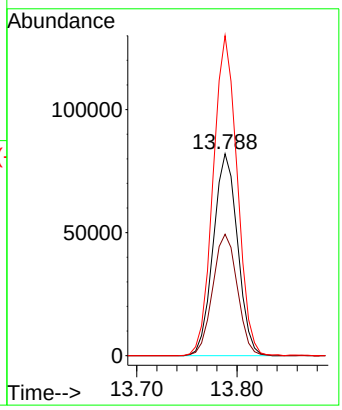




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086512.D
Acq: 06 May 2025 14:11

Tgt Ion:152 Resp: 13809

Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.9	95.9
150	157.1	0.0	352.0



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