Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086468.D
Acq On : 02 May 2025 17:05
Operator : JC\MD
Sample : PB167816ZHE#13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 02 23:17:11 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 :
PB167816ZHE#13

Manual Integrations APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	158729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	111494	48.440	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.880%			
35) Dibromofluoromethane	8.171	113	76791	55.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.880%			
50) Toluene-d8	10.565	98	384824	51.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.847	95	134004	49.631	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.260%			
Target Compounds						Qvalue
16) Acetone	4.436	43	27040	28.932	ug/l	96
20) Methylene Chloride	5.277	84	5334	2.507	ug/l #	90
43) Isopropyl Acetate	8.688	43	35663m	5.048	ug/l	

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

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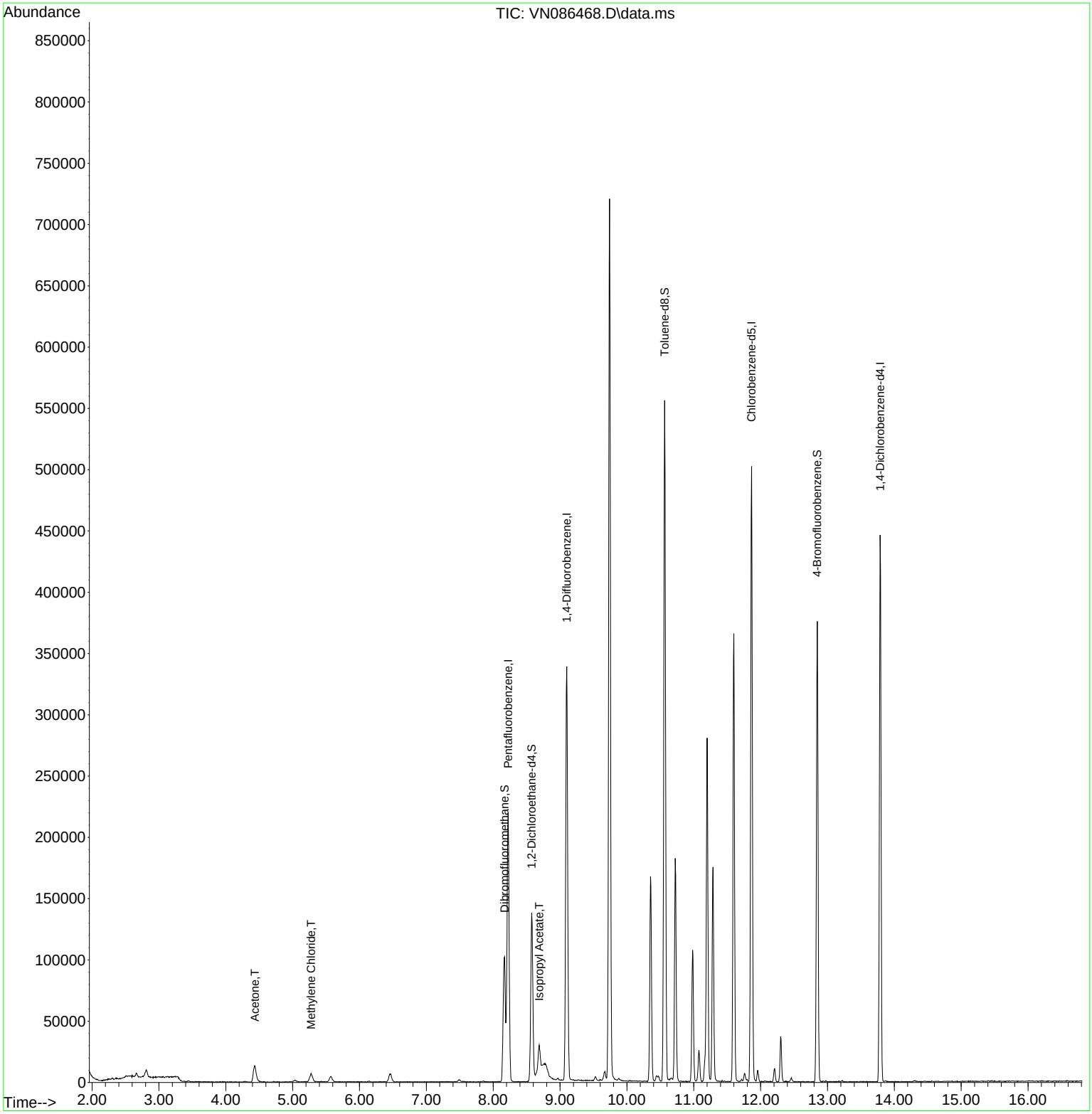
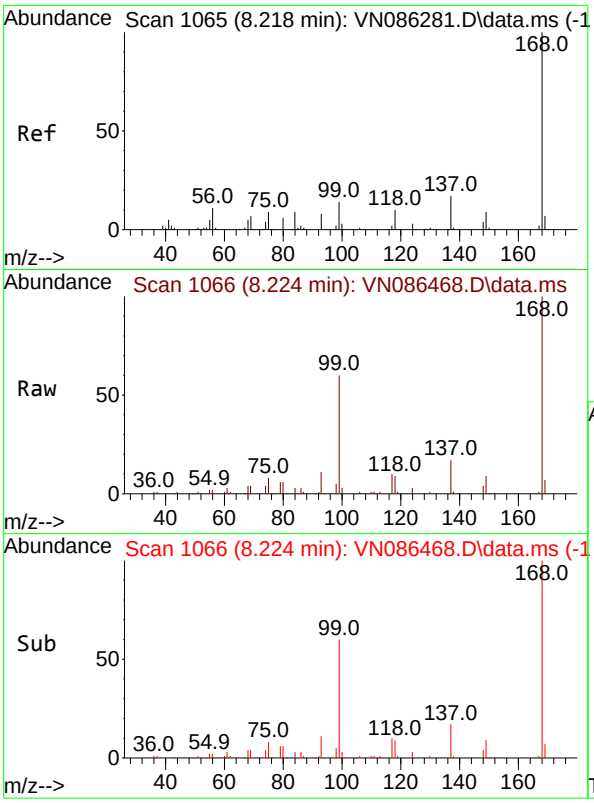
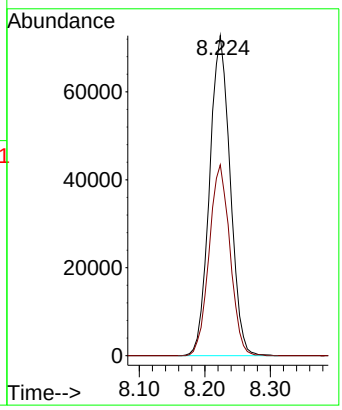




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion:168 Resp: 15872

Ion	Ratio	Lower	Upper
168	100		
99	59.7	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#13

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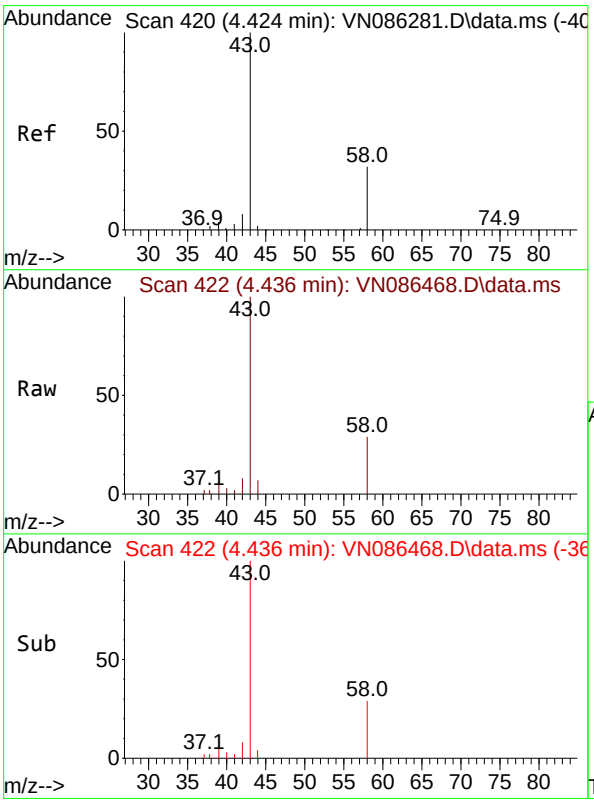
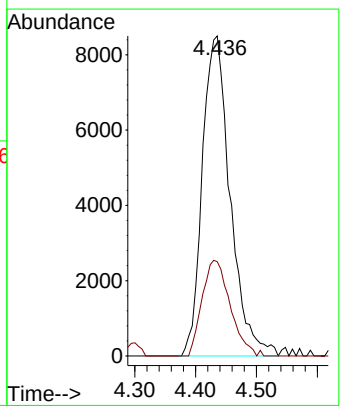
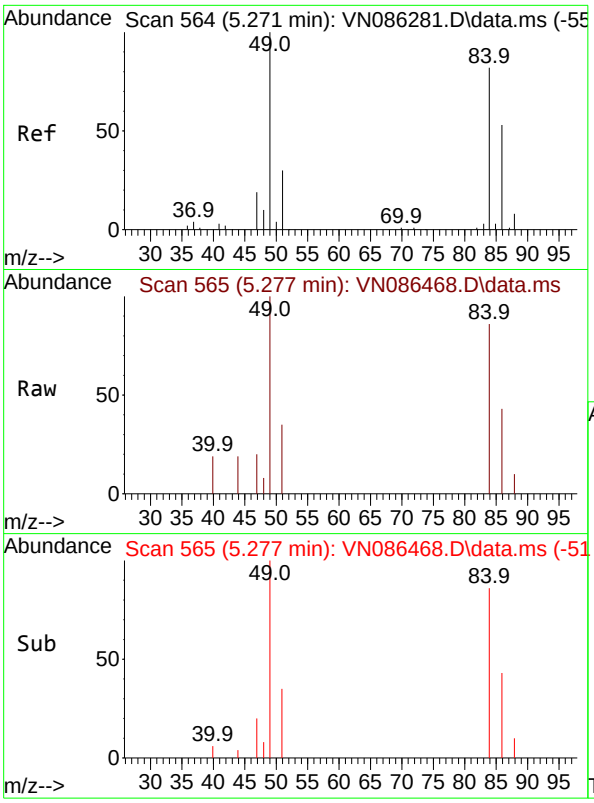


#16
Acetone
Concen: 28.932 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion: 43 Resp: 27040

Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.3	37.9

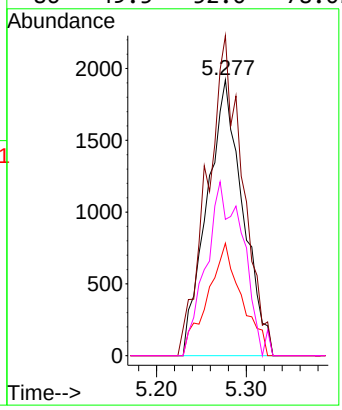




#20
Methylene Chloride
Concen: 2.507 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion: 84 Resp: 533

Ion	Ratio	Lower	Upper
84	100		
49	116.0	98.2	147.2
51	40.8	29.8	44.6
86	49.5	52.0	78.0#



Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#13

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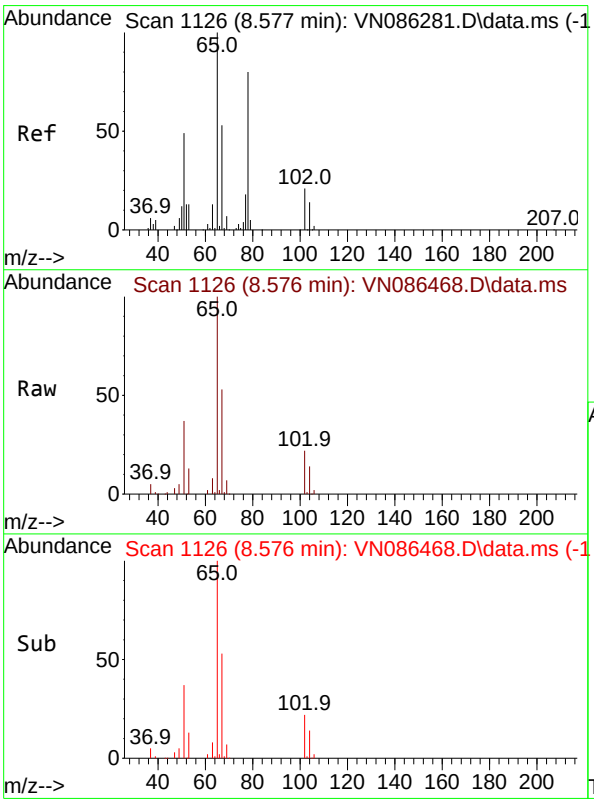
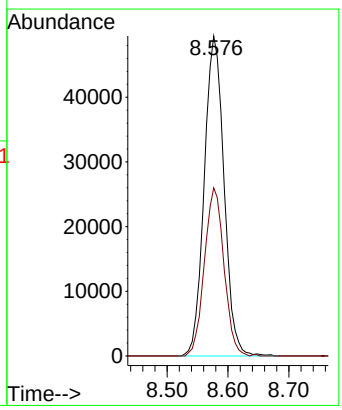
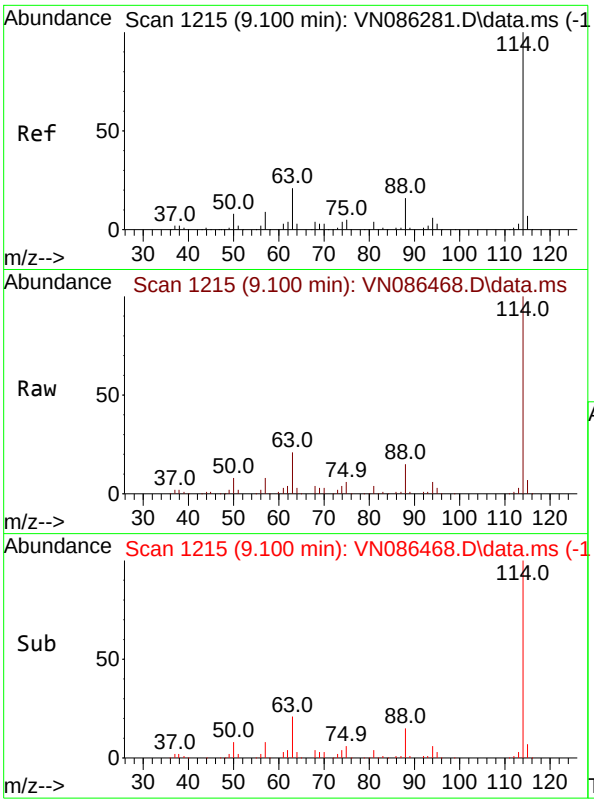


#33
1,2-Dichloroethane-d4
Concen: 48.440 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion: 65 Resp: 111494

Ion	Ratio	Lower	Upper
65	100		
67	51.9	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: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion:114 Resp: 29843

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.6
88	15.0	0.0	31.8

Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#13

Manual Integrations
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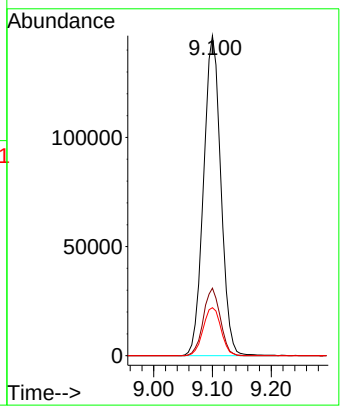
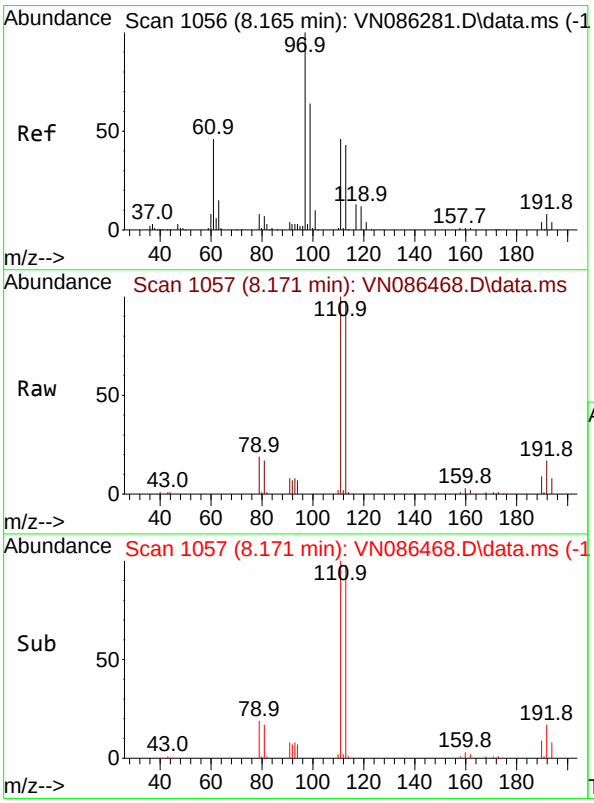
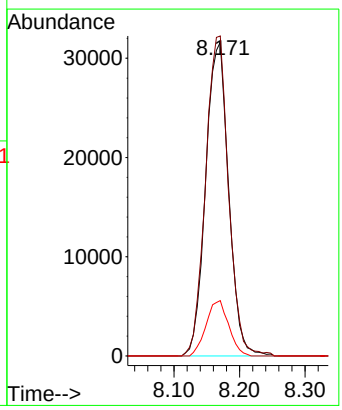


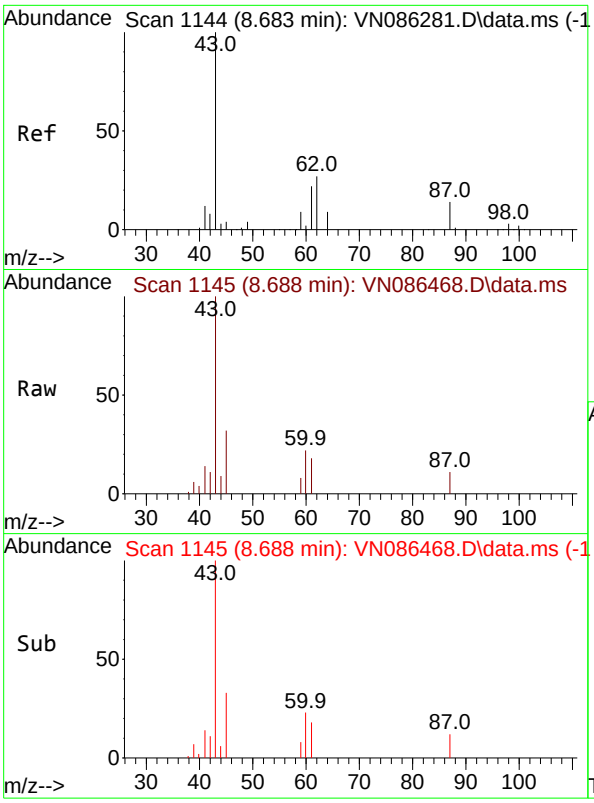


#35
Dibromofluoromethane
Concen: 55.441 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion:113 Resp: 76791

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.0
192	17.4	13.7	20.5





#43
Isopropyl Acetate
Concen: 5.048 ug/l m
RT: 8.688 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion: 43 Resp: 3566

Ion	Ratio	Lower	Upper
43	100		
61	13.1	20.5	30.7#
87	7.6	10.5	15.7#

Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#13

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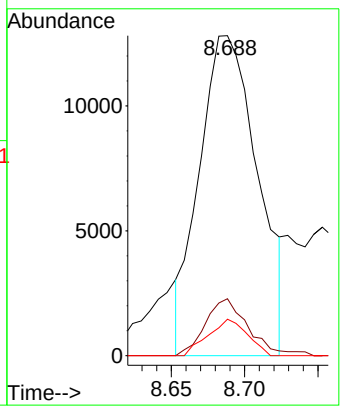
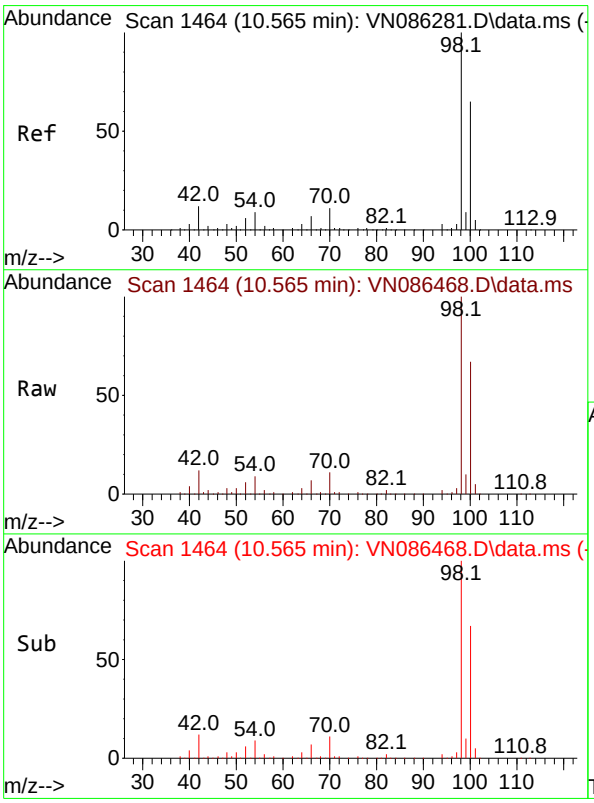
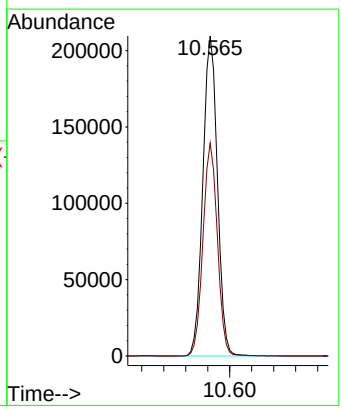


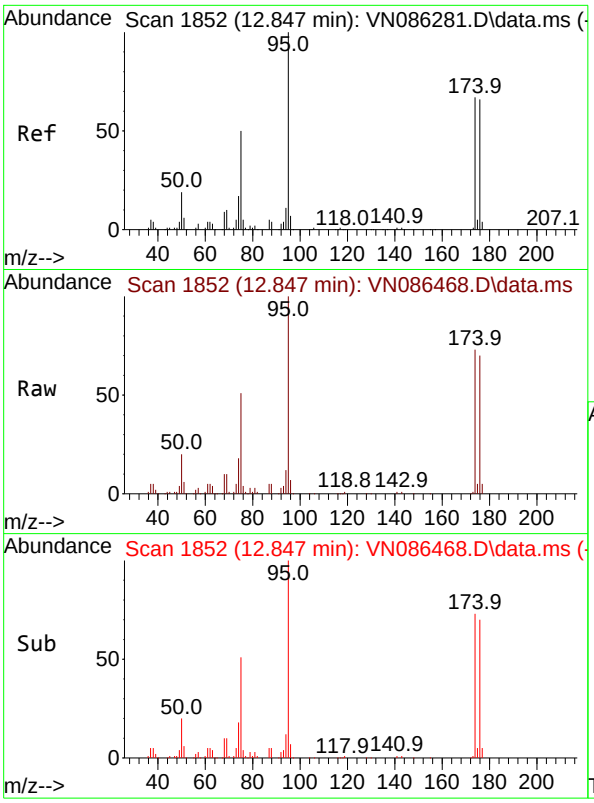


#50
Toluene-d8
Concen: 51.985 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion: 98 Resp: 384824

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7





#62
4-Bromofluorobenzene
Concen: 49.631 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion: 95 Resp: 13400

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	133.4
176	70.0	0.0	129.2

Instrument :
MSVOA_N
ClientSampleId :
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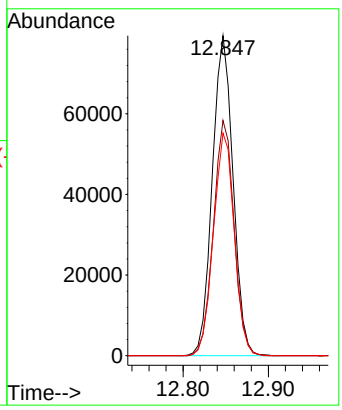
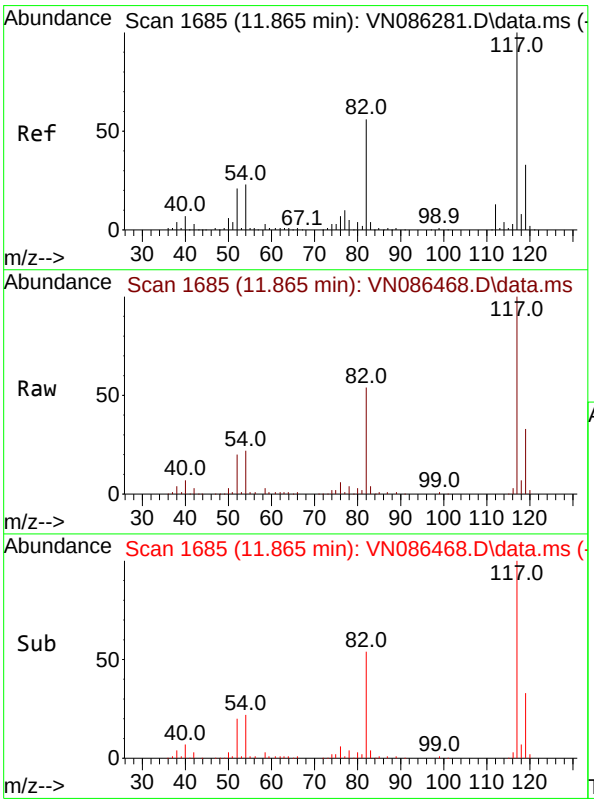
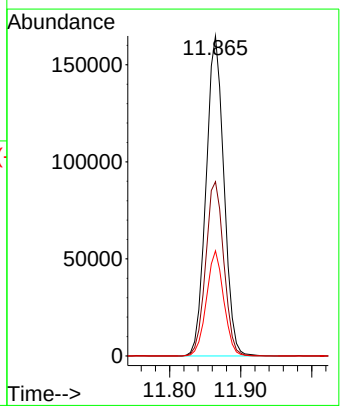


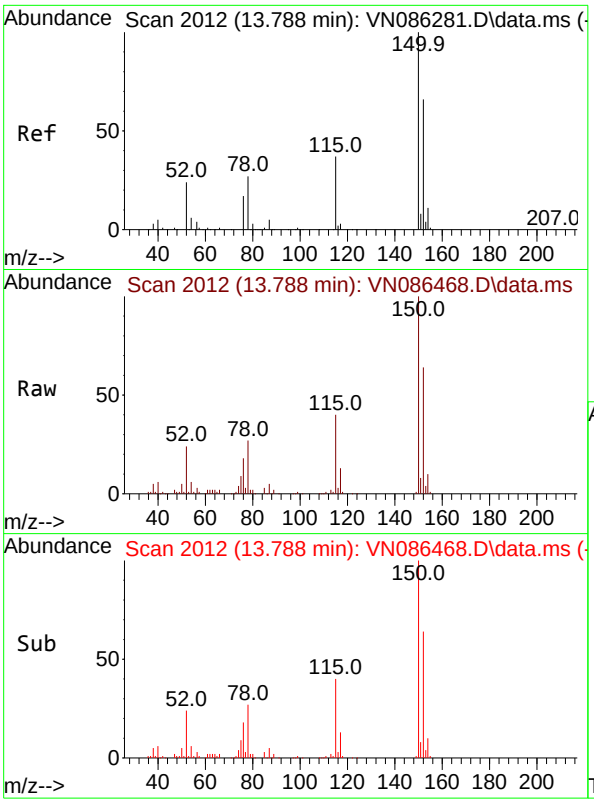


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion:117 Resp: 287800

Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.7	67.1
119	32.8	26.4	39.6

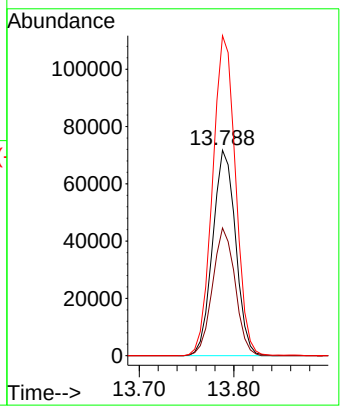




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086468.D
Acq: 02 May 2025 17:05

Tgt Ion:152 Resp: 12056

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.9	95.9
150	156.3	0.0	352.0



Instrument :
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