Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
Data File : VN086652.D
Acq On : 15 May 2025 18:01
Operator : JC\MD
Sample : PB167995ZHE#14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#14

Quant Time: May 16 05:31:44 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	206732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	390463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	381225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141771	47.292	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.580%			
35) Dibromofluoromethane	8.165	113	116985	64.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 129.100%#			
50) Toluene-d8	10.565	98	499645	51.588	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.847	95	182058	51.536	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.080%			
Target Compounds						Qvalue
16) Acetone	4.424	43	25189	19.030	ug/l	98
18) Methyl Acetate	5.030	43	4578	1.272	ug/l #	76
20) Methylene Chloride	5.277	84	10163	3.667	ug/l #	84
25) 2-Butanone	7.488	43	10951	5.869	ug/l	91
43) Isopropyl Acetate	8.683	43	71509	8.754	ug/l #	72

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

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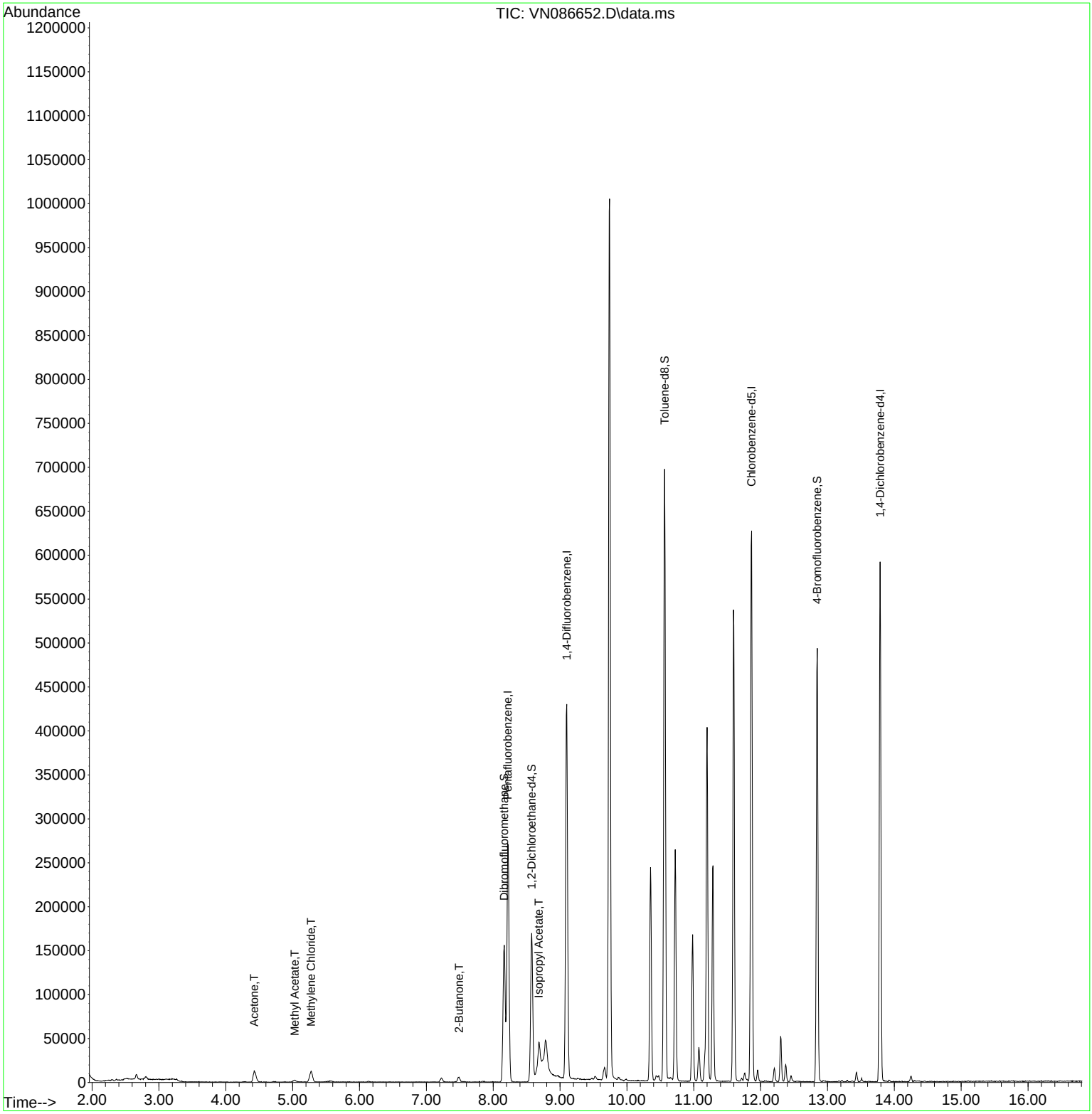
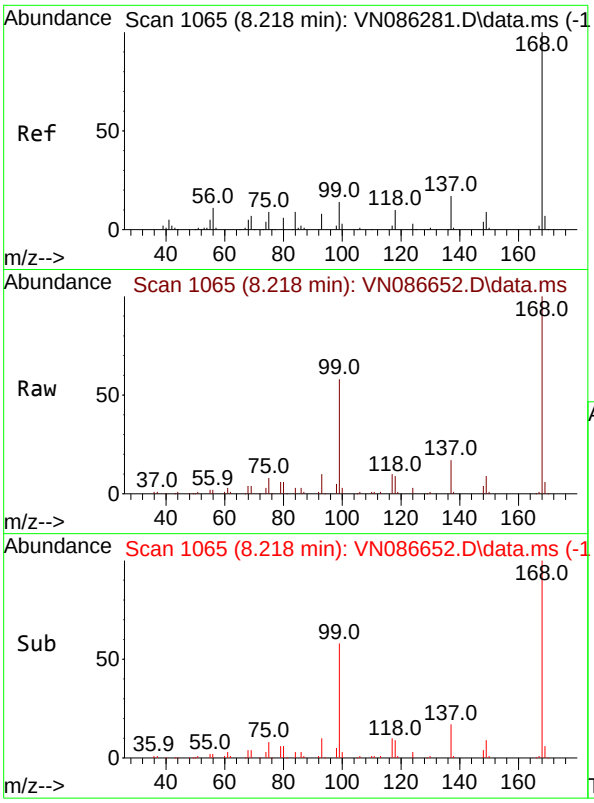


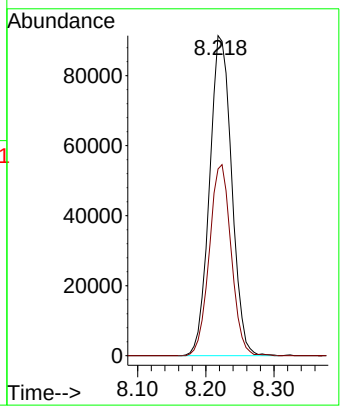


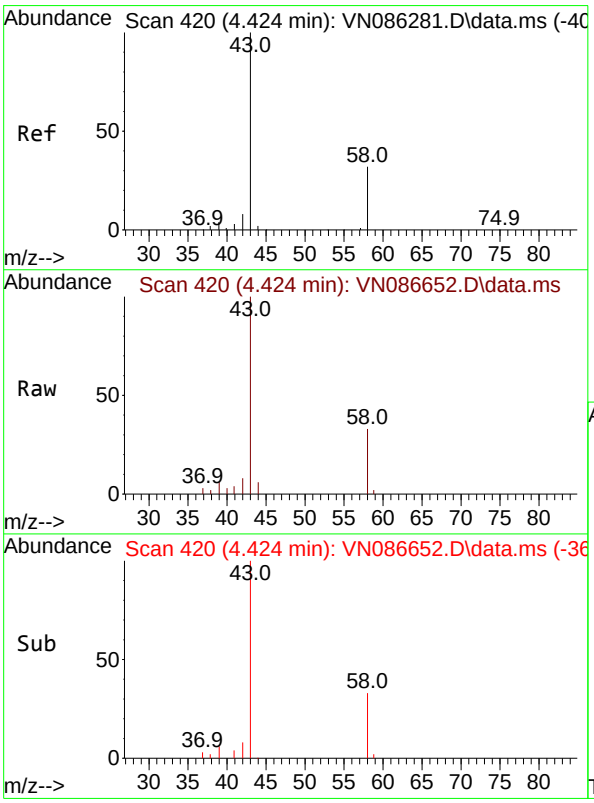
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#14

Tgt Ion:168 Resp: 206732

Ion	Ratio	Lower	Upper
168	100		
99	58.3	52.5	78.7

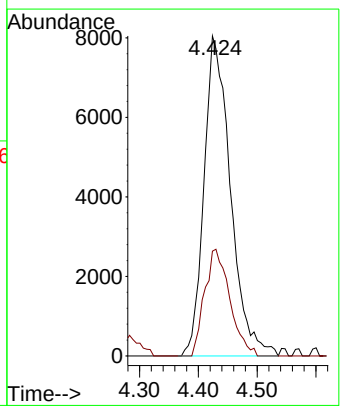


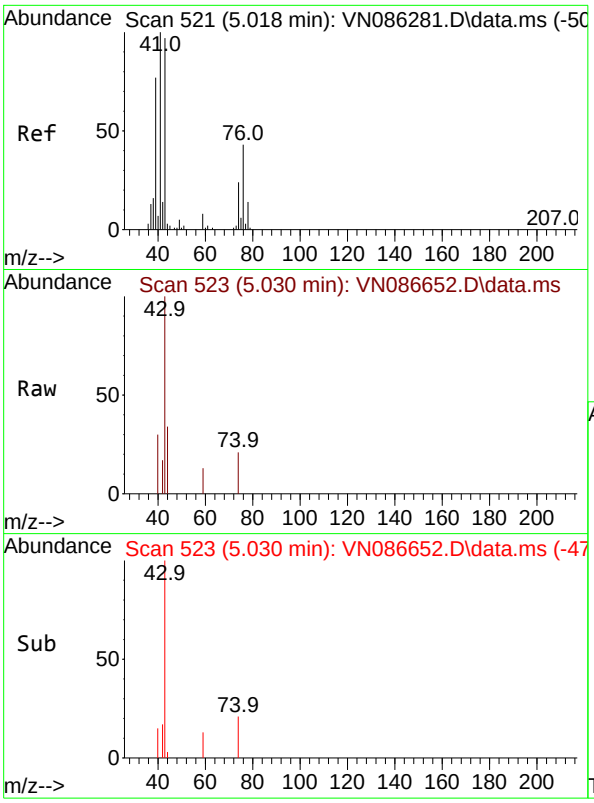


#16
Acetone
Concen: 19.030 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Tgt Ion: 43 Resp: 25189

Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.3	37.9



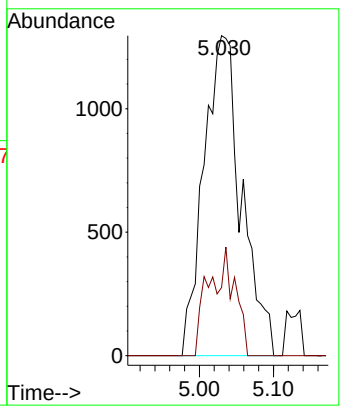


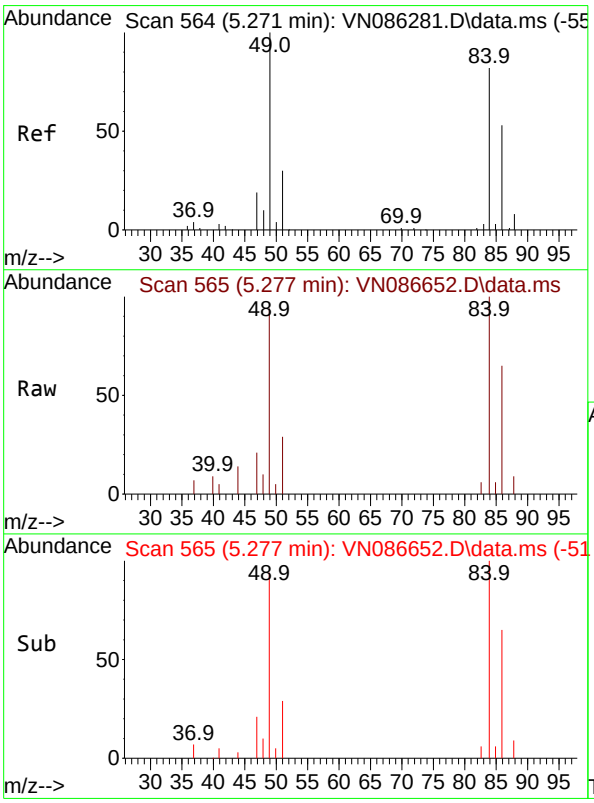
#18
Methyl Acetate
Concen: 1.272 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#14

Tgt Ion: 43 Resp: 4578

Ion	Ratio	Lower	Upper
43	100		
74	12.7	19.8	29.6#

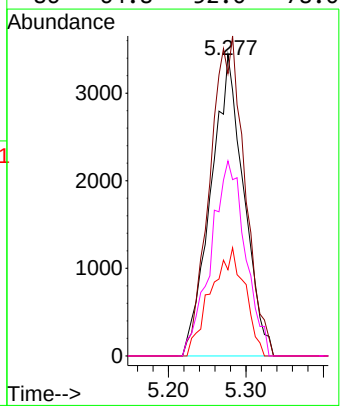


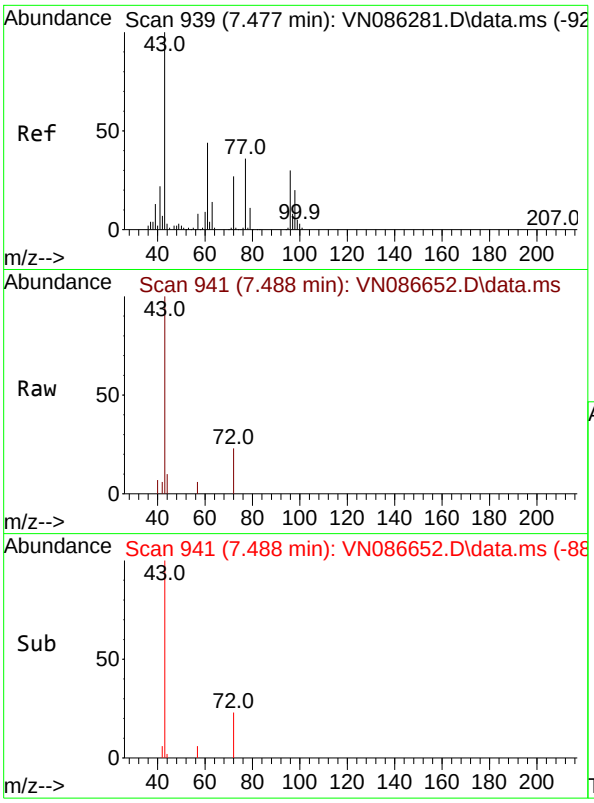


#20
Methylene Chloride
Concen: 3.667 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Tgt Ion: 84 Resp: 10163

Ion	Ratio	Lower	Upper
84	100		
49	93.8	98.2	147.2#
51	28.7	29.8	44.6#
86	64.8	52.0	78.0



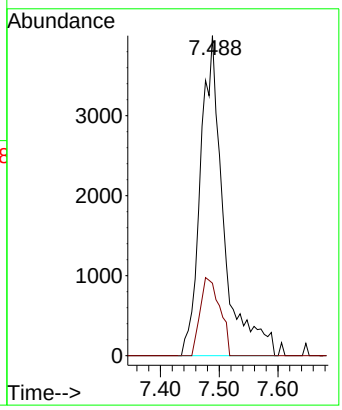


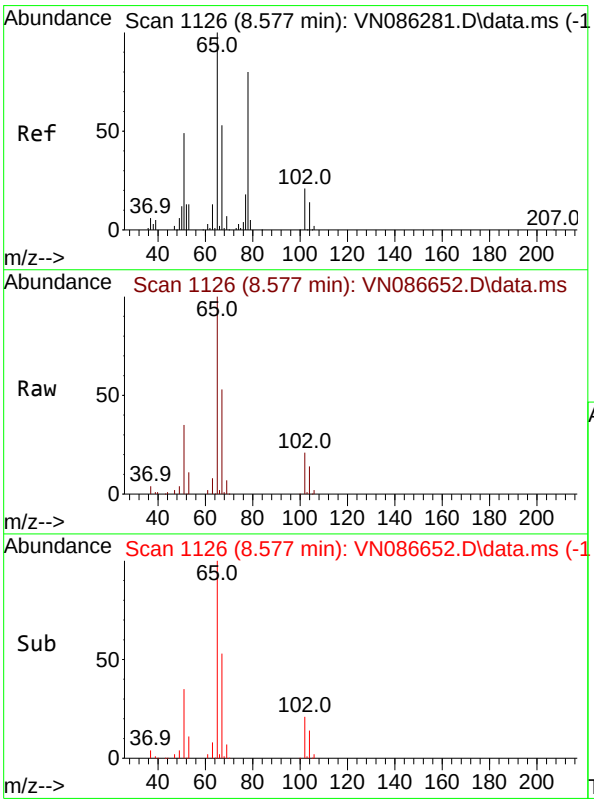
#25
2-Butanone
Concen: 5.869 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#14

Tgt Ion: 43 Resp: 10951

Ion	Ratio	Lower	Upper
43	100		
72	22.6	21.7	32.5

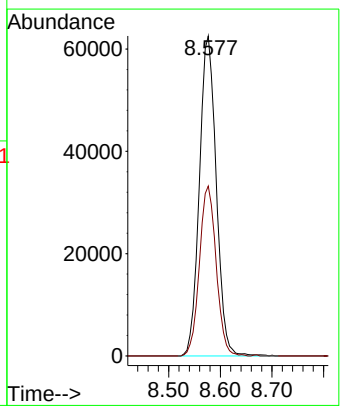


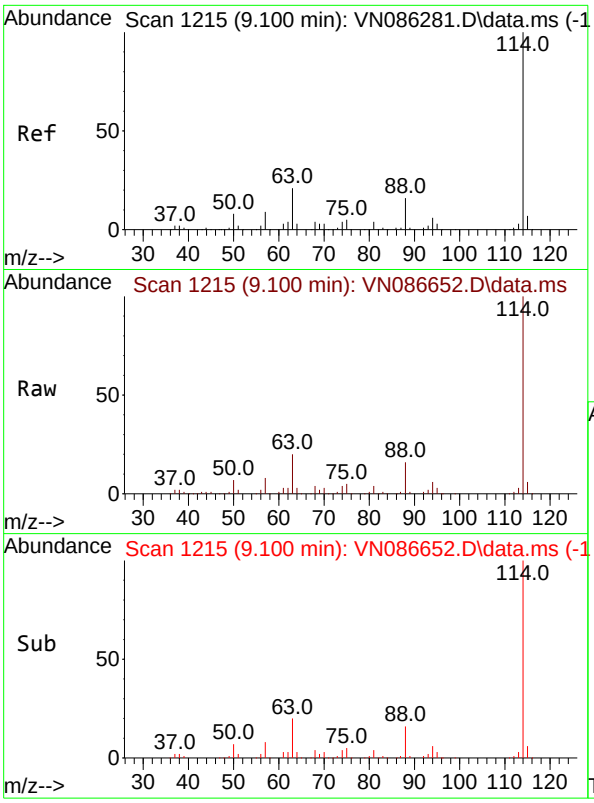


#33
1,2-Dichloroethane-d4
Concen: 47.292 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Tgt Ion: 65 Resp: 141771

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.0



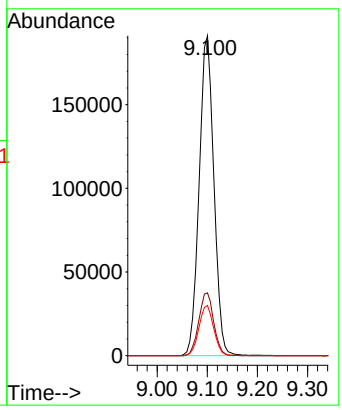


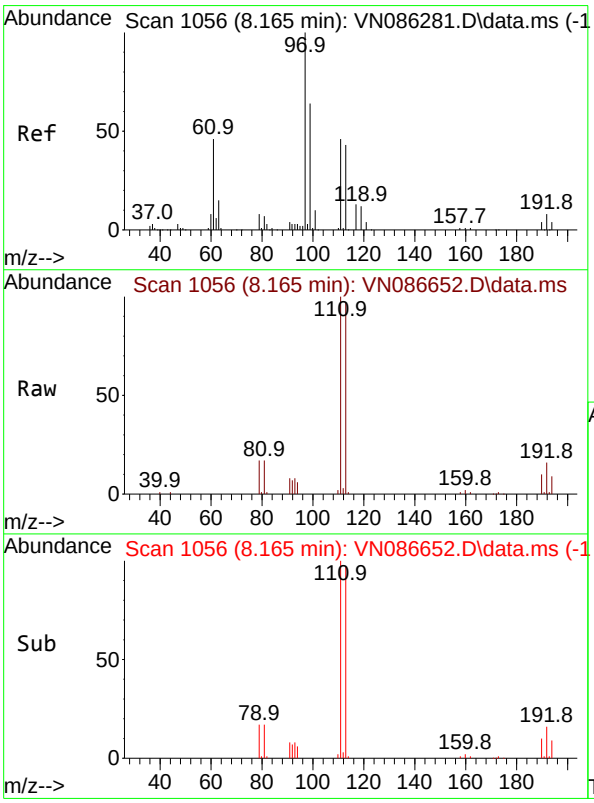
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#14

Tgt Ion:114 Resp: 390463

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.6
88	15.7	0.0	31.8

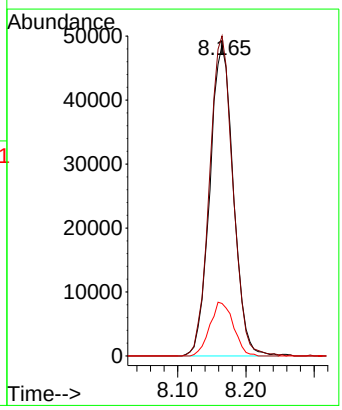


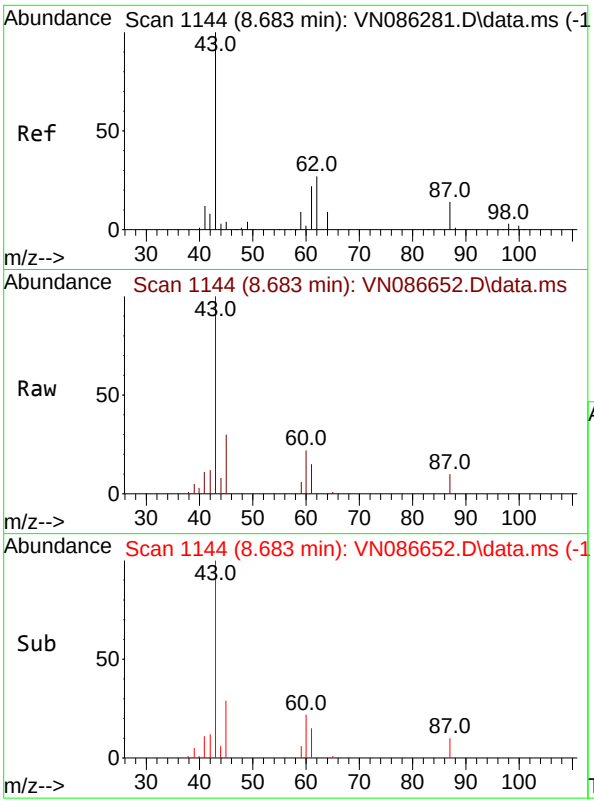


#35
Dibromofluoromethane
Concen: 64.554 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Tgt Ion:113 Resp: 116985

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.0
192	17.3	13.7	20.5



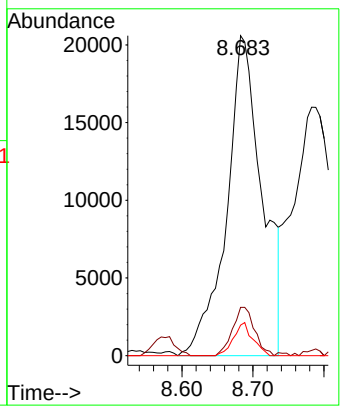


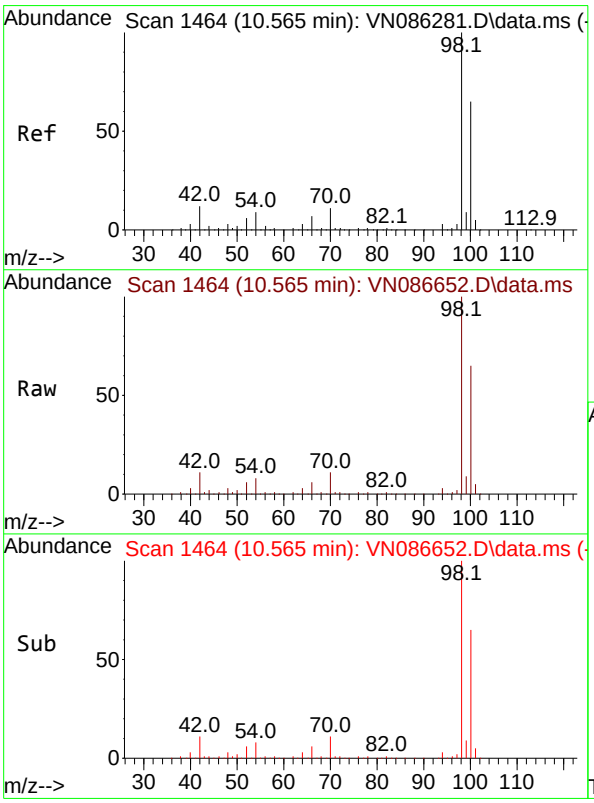
#43
Isopropyl Acetate
Concen: 8.754 ug/l
RT: 8.683 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#14

Tgt Ion: 43 Resp: 71509

Ion	Ratio	Lower	Upper
43	100		
61	9.4	20.5	30.7#
87	5.6	10.5	15.7#

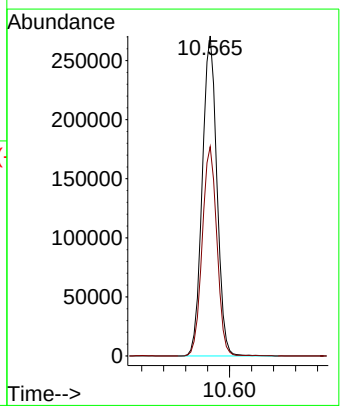


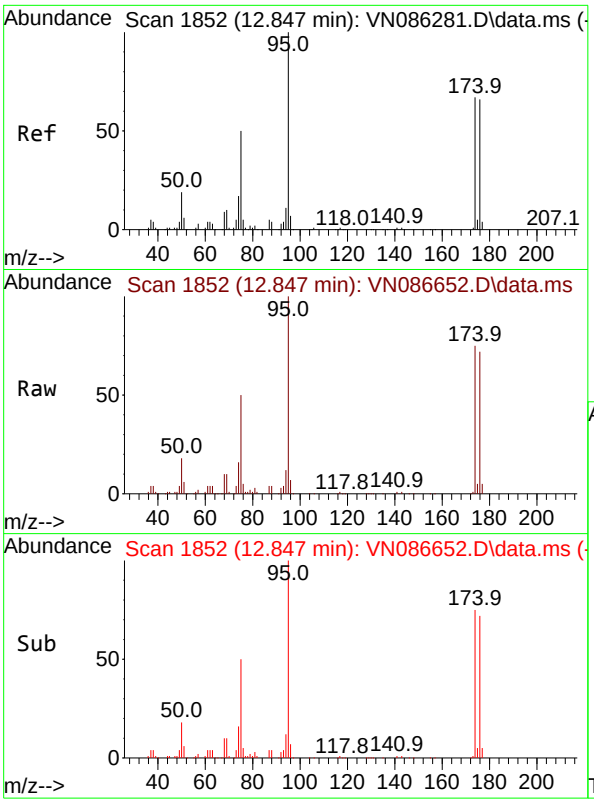


#50
Toluene-d8
Concen: 51.588 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Tgt Ion: 98 Resp: 499645

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7



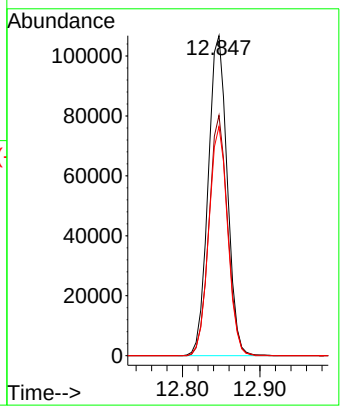


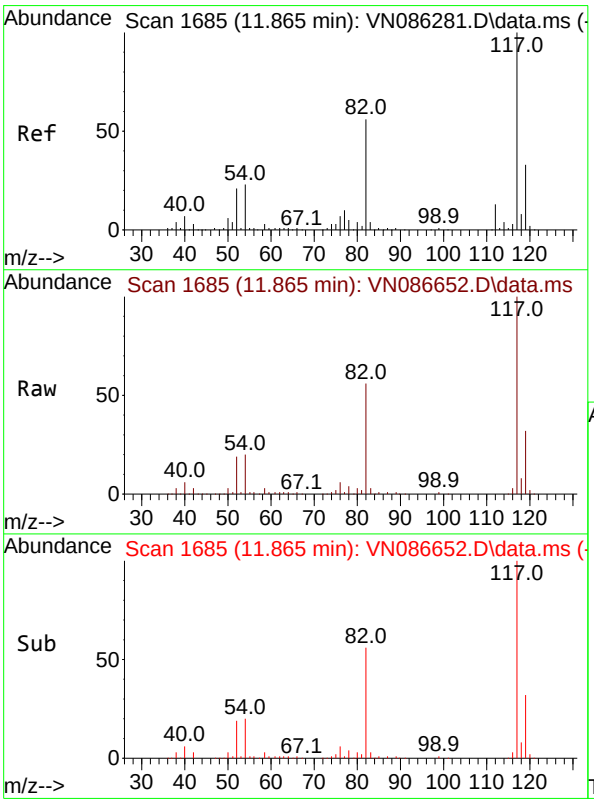
#62
4-Bromofluorobenzene
Concen: 51.536 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#14

Tgt Ion: 95 Resp: 182058

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	133.4
176	71.0	0.0	129.2

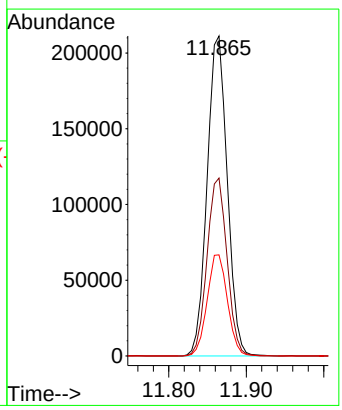


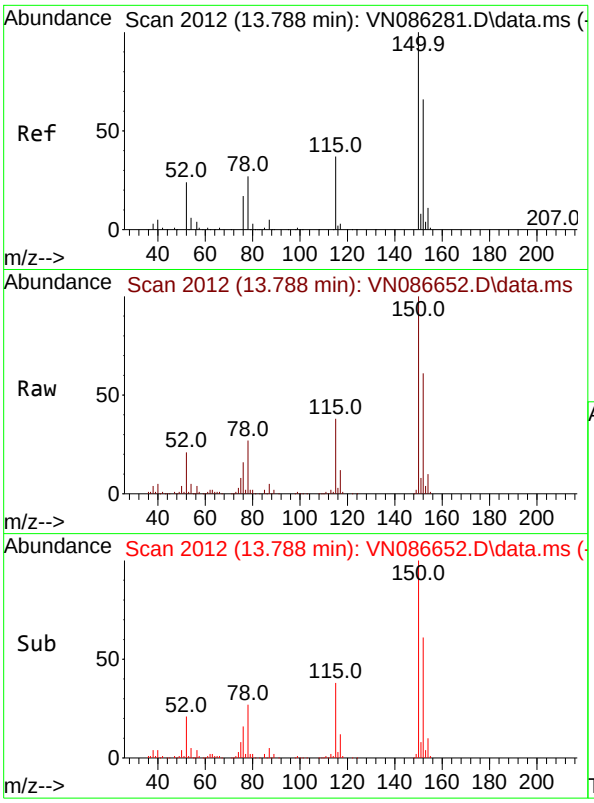


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086652.D
Acq: 15 May 2025 18:01

Tgt Ion:117 Resp: 381225

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.7	67.1
119	31.6	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: VN086652.D
Acq: 15 May 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#14

Tgt Ion:152 Resp: 163987

Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.9	95.9
150	158.2	0.0	352.0