Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
Data File : VN088458.D
Acq On : 04 Dec 2025 19:32
Operator : JC\MD
Sample : PB170809TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB170809TB

Quant Time: Dec 05 00:21:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	205839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	486216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	496047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	228646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	223077	57.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.060%			
35) Dibromofluoromethane	8.147	113	159440	47.319	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.640%			
50) Toluene-d8	10.547	98	576429	45.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.960%			
62) 4-Bromofluorobenzene	12.829	95	218842	50.874	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.740%			
Target Compounds						Qvalue
16) Acetone	4.424	43	79682	56.821	ug/l	99
18) Methyl Acetate	5.030	43	7109	1.703	ug/l #	82
20) Methylene Chloride	5.265	84	18017	6.005	ug/l #	83
25) 2-Butanone	7.471	43	31937	14.166	ug/l	92
43) Isopropyl Acetate	8.677	43	28877	2.764	ug/l #	89

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

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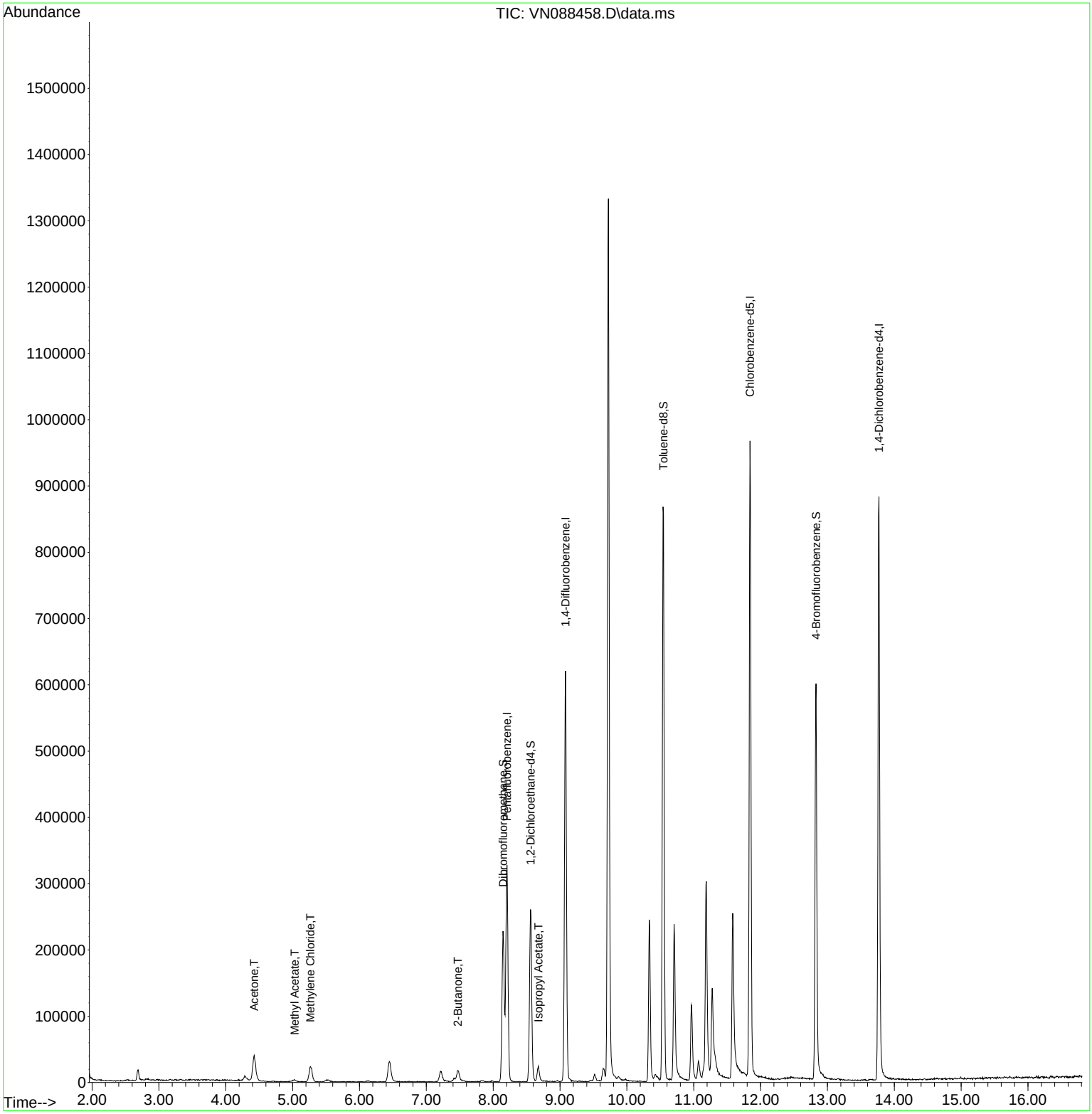
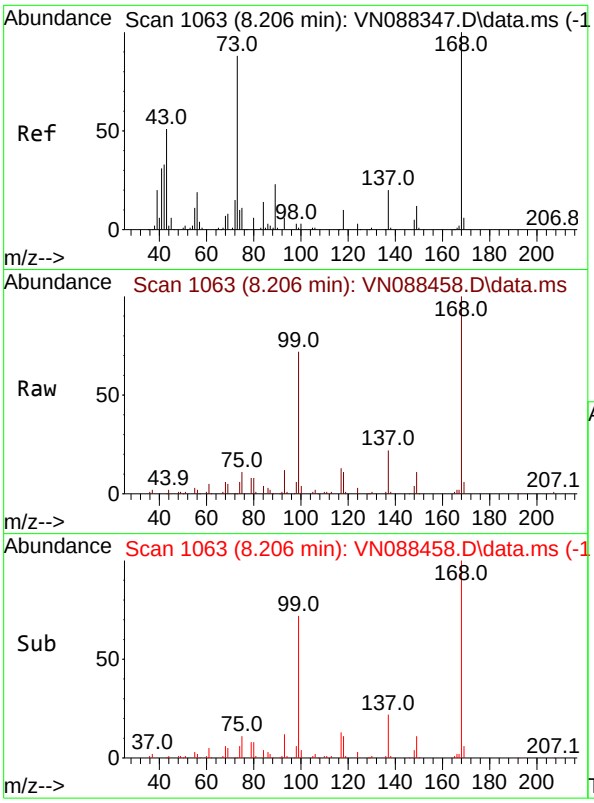


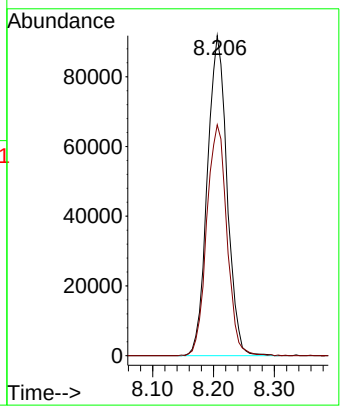


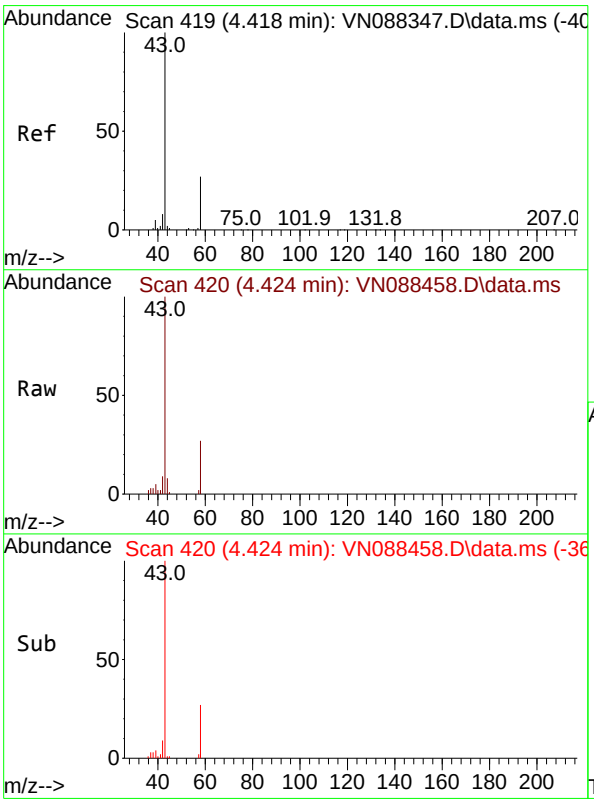
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB170809TB

Tgt Ion:168 Resp: 205839

Ion	Ratio	Lower	Upper
168	100		
99	72.1	57.1	85.7

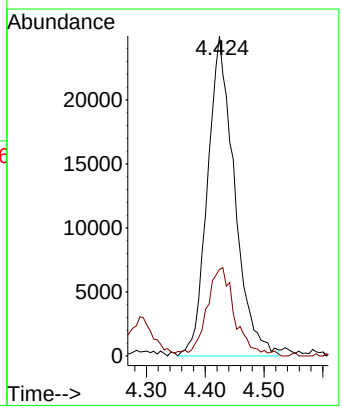


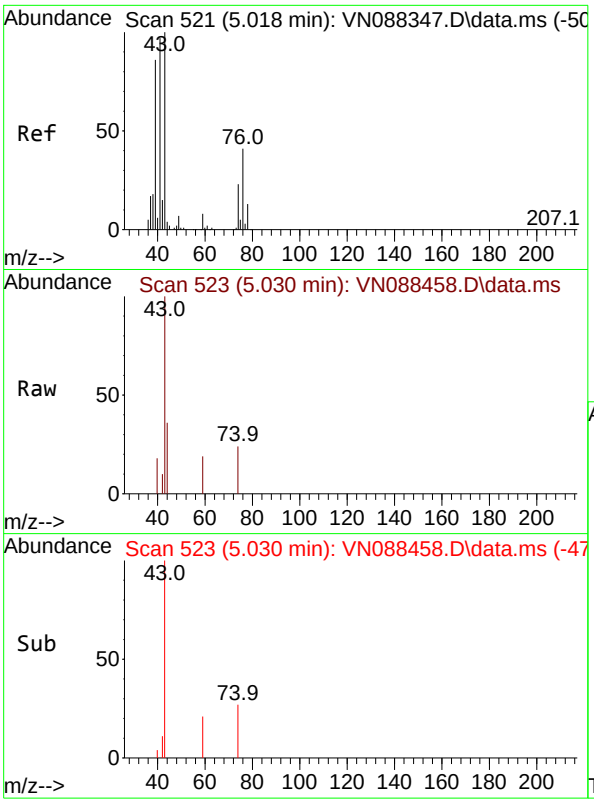


#16
Acetone
Concen: 56.821 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Tgt Ion: 43 Resp: 79682

Ion	Ratio	Lower	Upper
43	100		
58	26.4	21.7	32.5



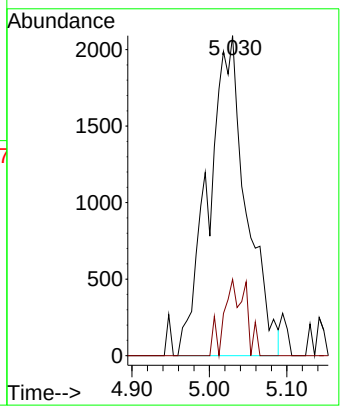


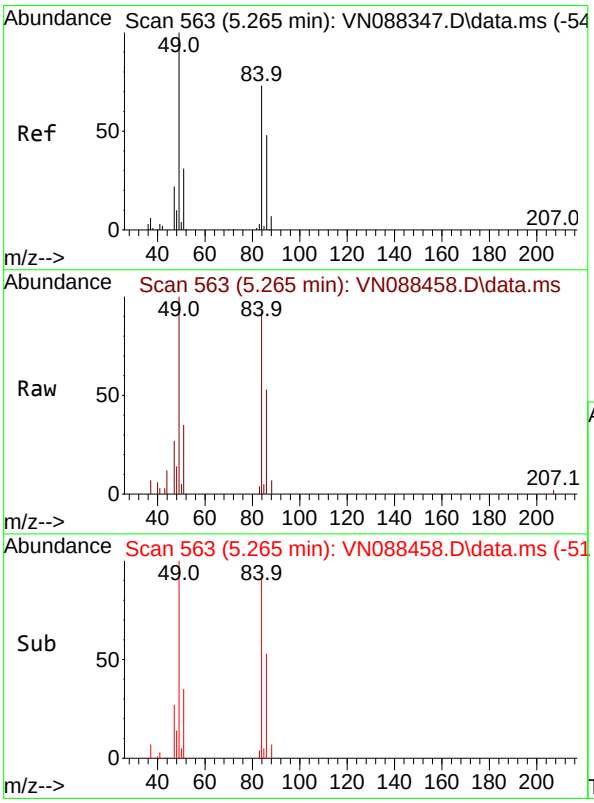
#18
Methyl Acetate
Concen: 1.703 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB170809TB

Tgt Ion: 43 Resp: 7109

Ion	Ratio	Lower	Upper
43	100		
74	13.8	17.9	26.9#

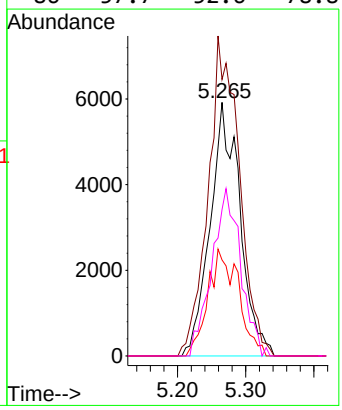


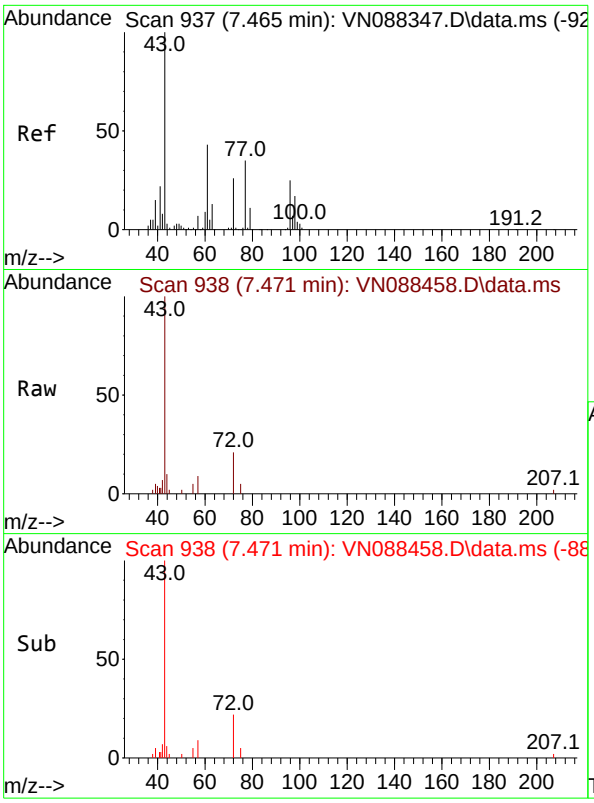


#20
Methylene Chloride
Concen: 6.005 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Tgt Ion: 84 Resp: 18017

Ion	Ratio	Lower	Upper
84	100		
49	109.1	110.2	165.2#
51	37.9	34.1	51.1
86	57.7	52.6	78.8



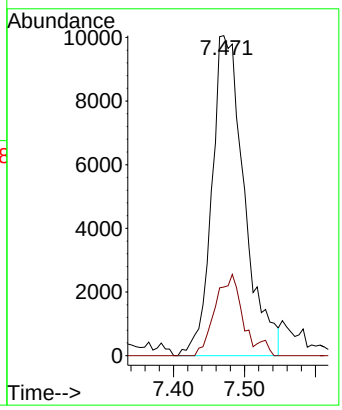


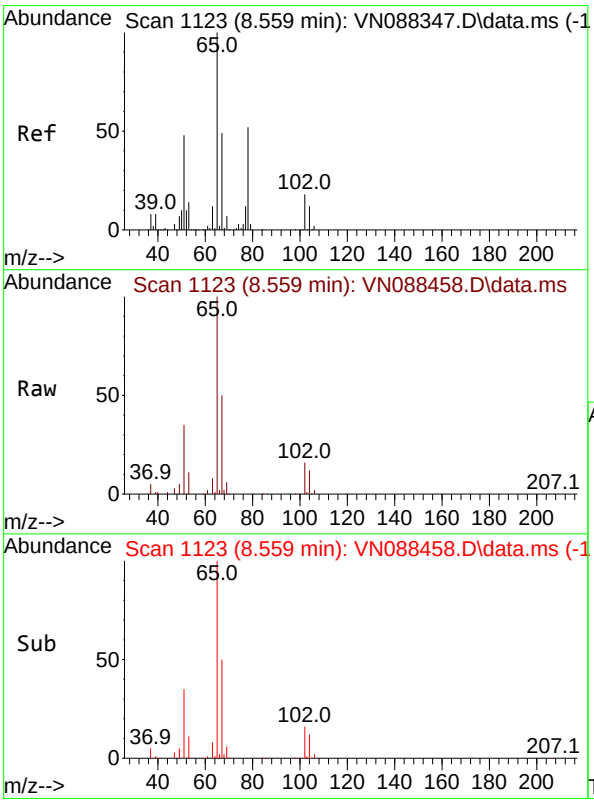
#25
2-Butanone
Concen: 14.166 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB170809TB

Tgt Ion: 43 Resp: 31937

Ion	Ratio	Lower	Upper
43	100		
72	21.4	20.5	30.7

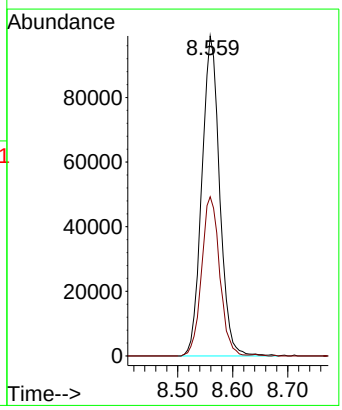


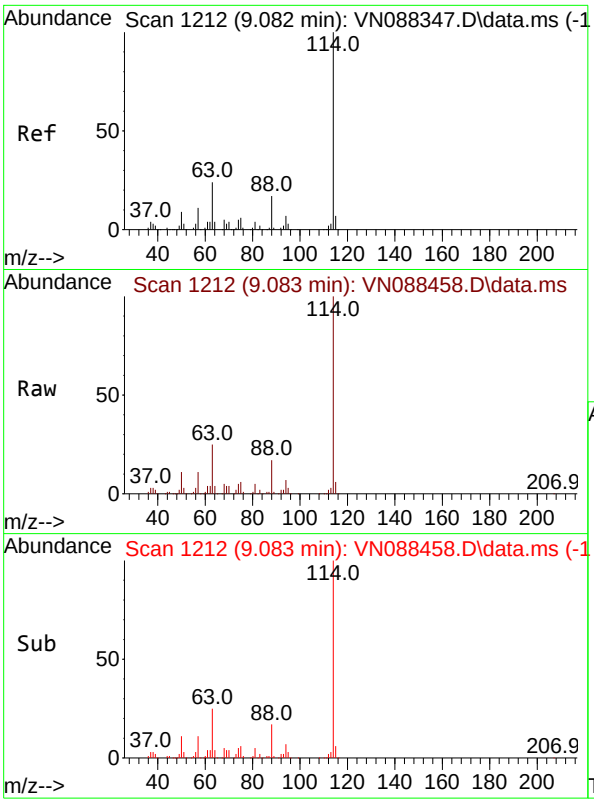


#33
1,2-Dichloroethane-d4
Concen: 57.530 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Tgt Ion: 65 Resp: 223077

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	100.8



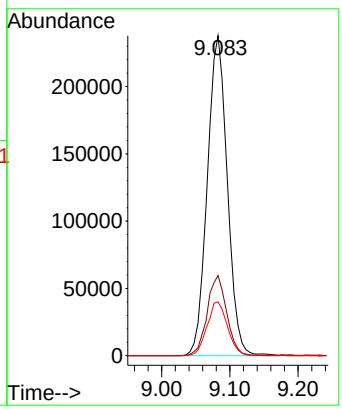


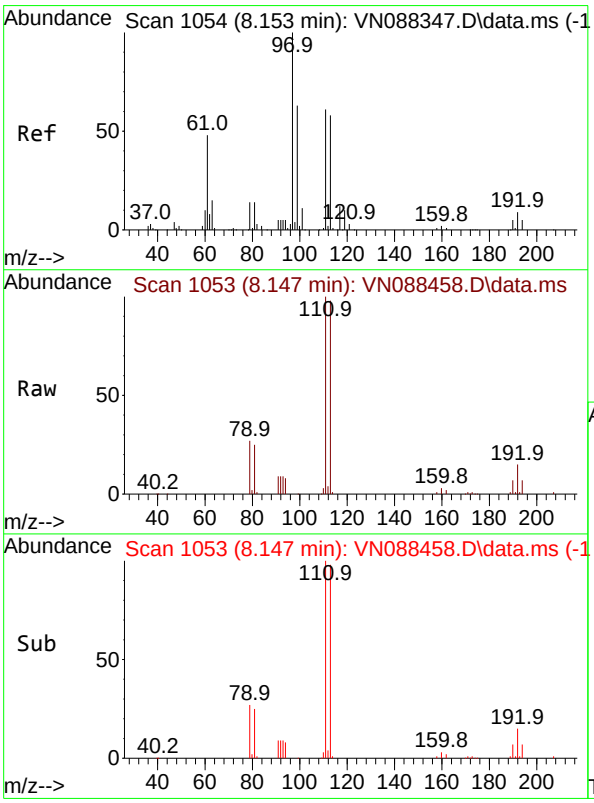
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB170809TB

Tgt Ion:114 Resp: 486216

Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	49.0
88	16.8	0.0	34.0

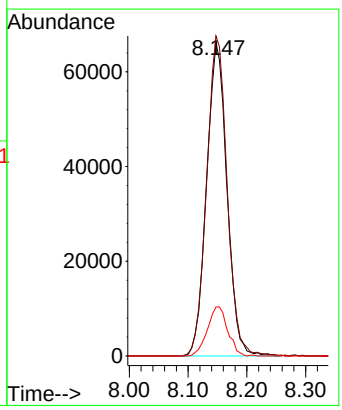


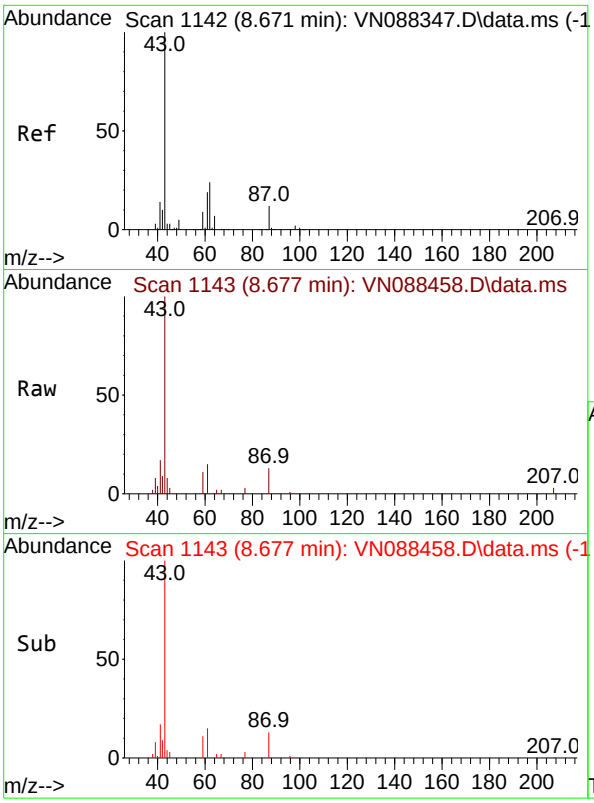


#35
Dibromofluoromethane
Concen: 47.319 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Tgt Ion:113 Resp: 159440

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.5	123.7
192	15.6	12.8	19.2



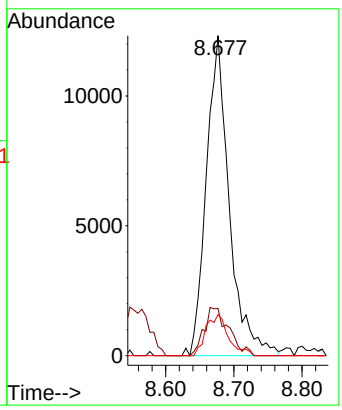


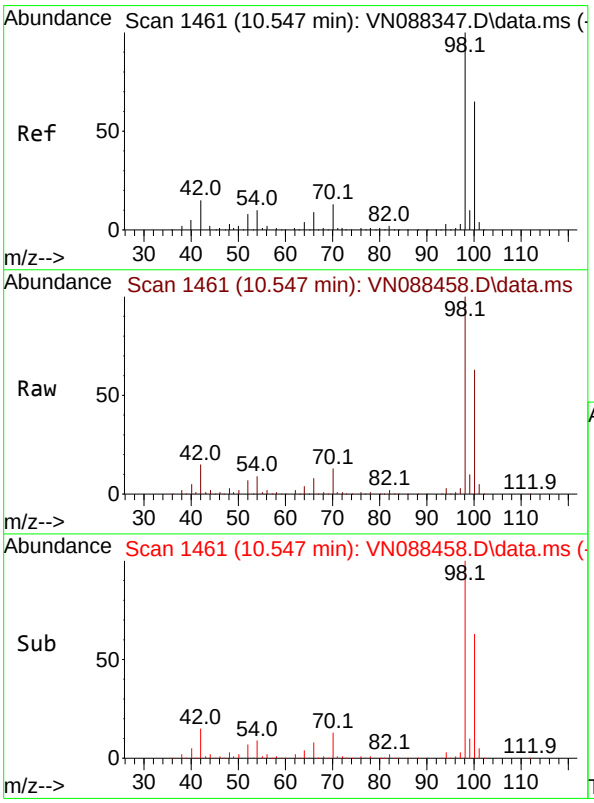
#43
Isopropyl Acetate
Concen: 2.764 ug/l
RT: 8.677 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB170809TB

Tgt Ion: 43 Resp: 28877

Ion	Ratio	Lower	Upper
43	100		
61	16.2	18.7	28.1#
87	12.6	9.1	13.7

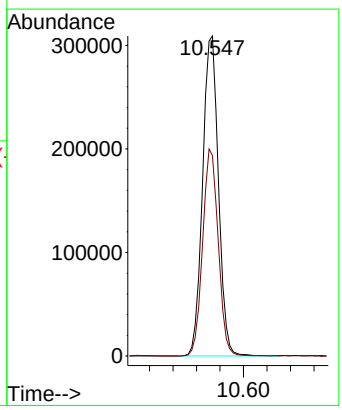


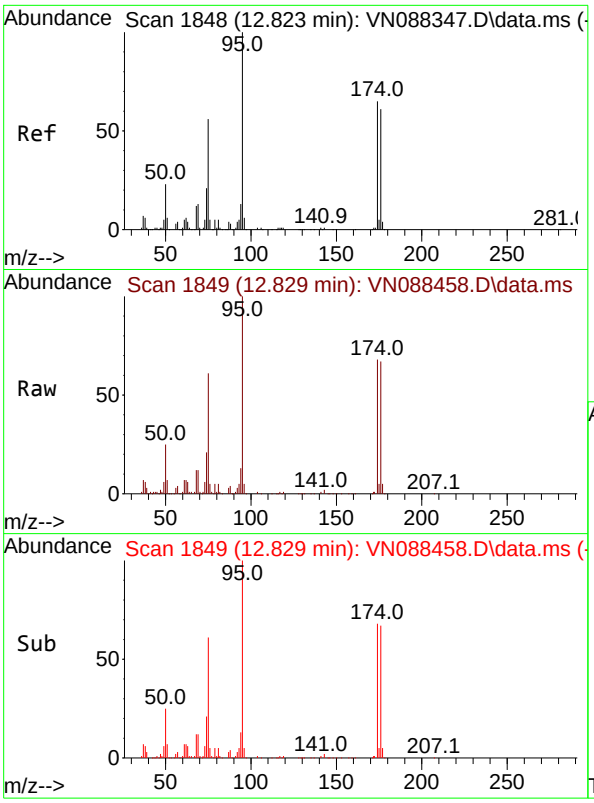


#50
Toluene-d8
Concen: 45.978 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Tgt Ion: 98 Resp: 576429

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.2	78.2



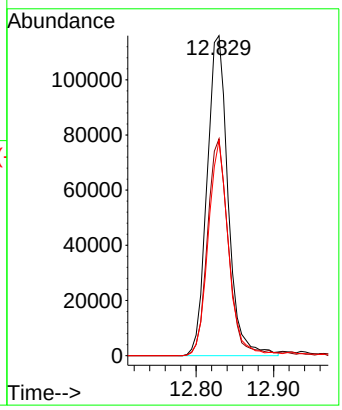


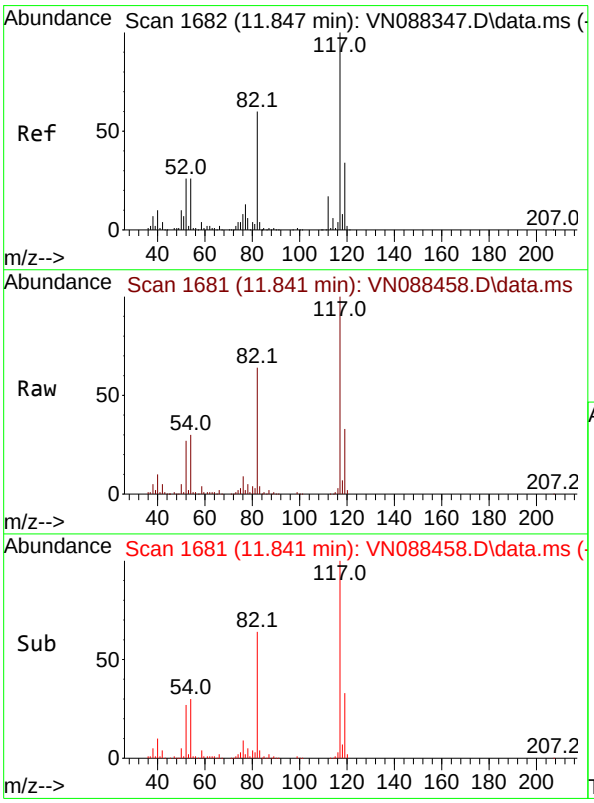
#62
4-Bromofluorobenzene
Concen: 50.874 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB170809TB

Tgt Ion: 95 Resp: 218842

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	139.0
176	64.9	0.0	132.4

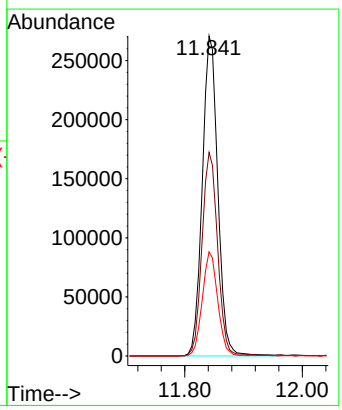


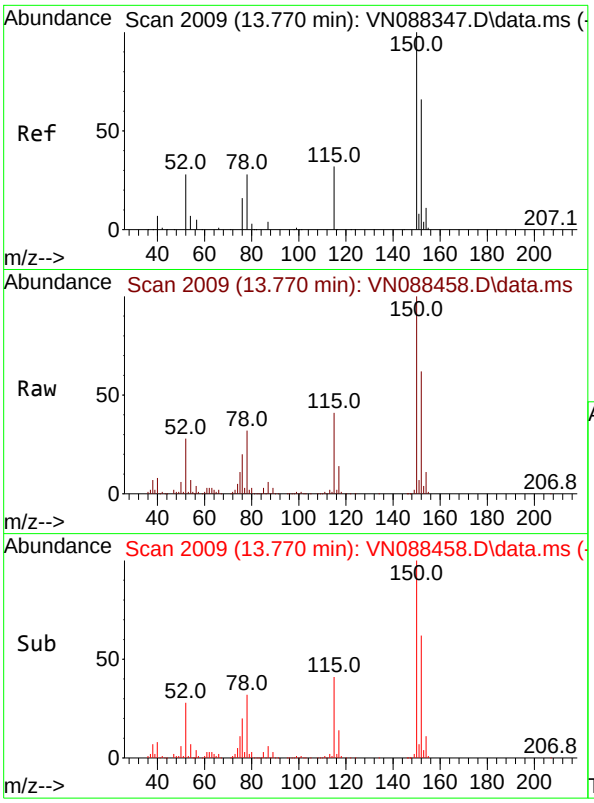


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Tgt Ion:117 Resp: 496047

Ion	Ratio	Lower	Upper
117	100		
82	63.6	47.8	71.8
119	32.6	26.9	40.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088458.D
Acq: 04 Dec 2025 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB170809TB

Tgt Ion:152 Resp: 228646

Ion	Ratio	Lower	Upper
152	100		
115	66.7	33.0	98.9
150	156.5	0.0	349.0