Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
Data File : VN088250.D
Acq On : 11 Nov 2025 12:43
Operator : JC\MD
Sample : Q3581-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Quant Time: Nov 12 01:14:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	210442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	466987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	469026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	220531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	209384	57.539	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.080%			
35) Dibromofluoromethane	8.147	113	156160	49.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	10.541	98	578726	47.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.740%			
62) 4-Bromofluorobenzene	12.829	95	225525	52.827	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.660%			
Target Compounds						Qvalue
16) Acetone	4.418	43	169525	92.729	ug/l	99
20) Methylene Chloride	5.271	84	12983	4.231	ug/l	94
25) 2-Butanone	7.465	43	17742	7.364	ug/l #	89
43) Isopropyl Acetate	8.677	43	25472	2.804	ug/l #	92

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

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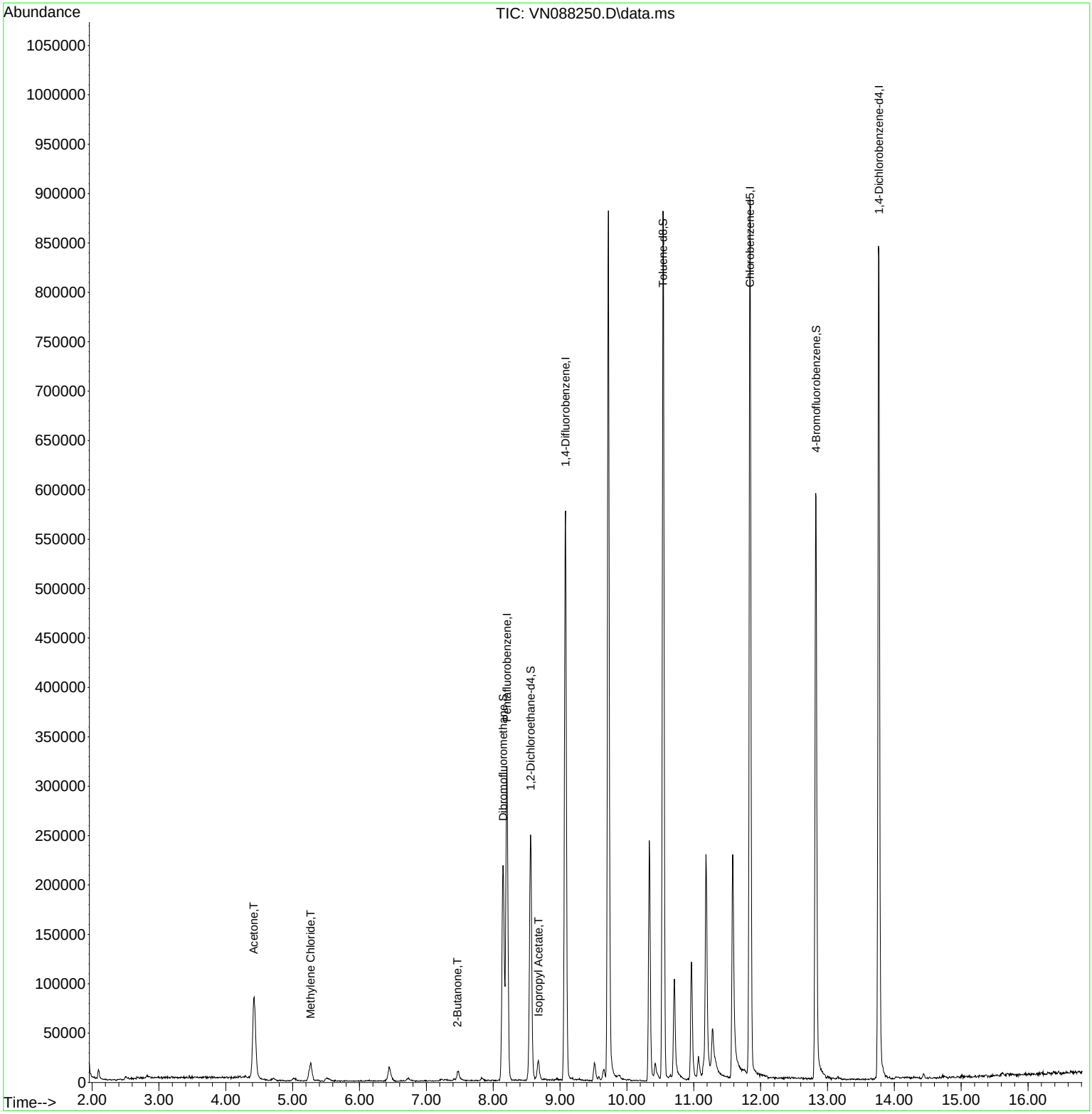
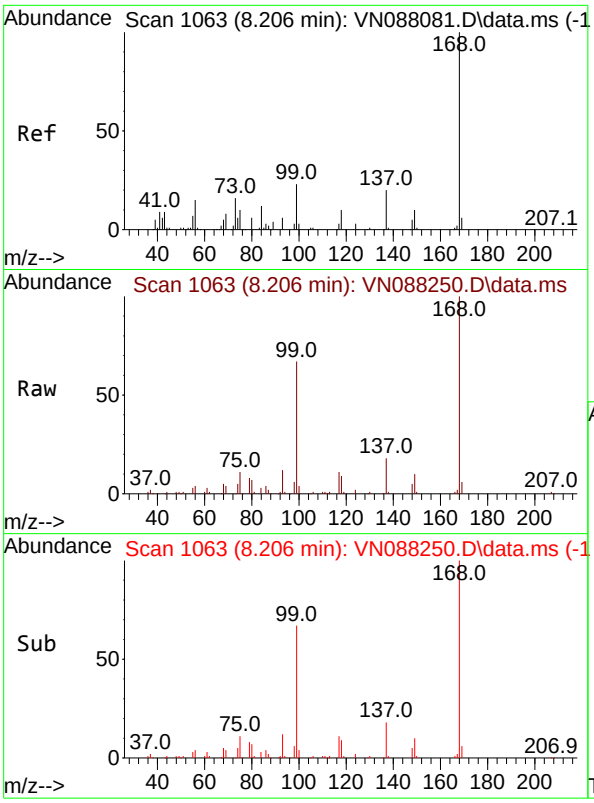


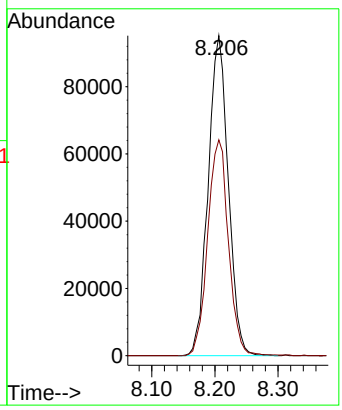


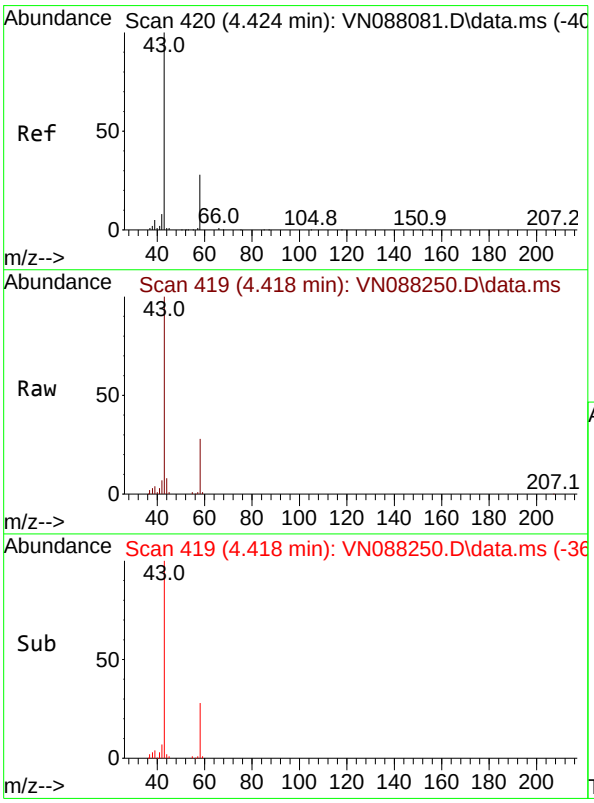
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion:168 Resp: 210442

Ion	Ratio	Lower	Upper
168	100		
99	67.5	57.2	85.8

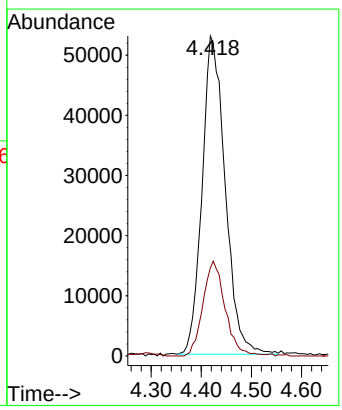


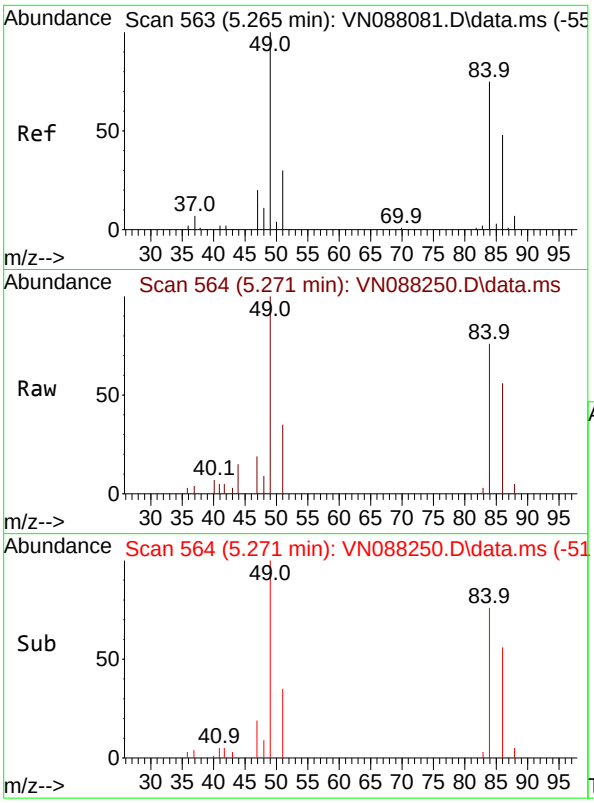


#16
Acetone
Concen: 92.729 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 43 Resp: 169525

Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.6	33.8



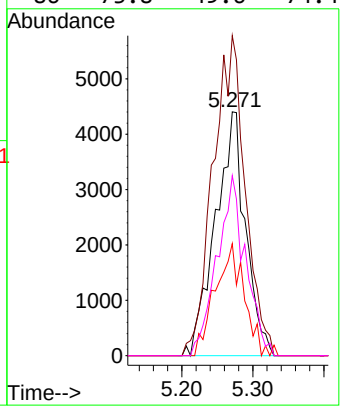


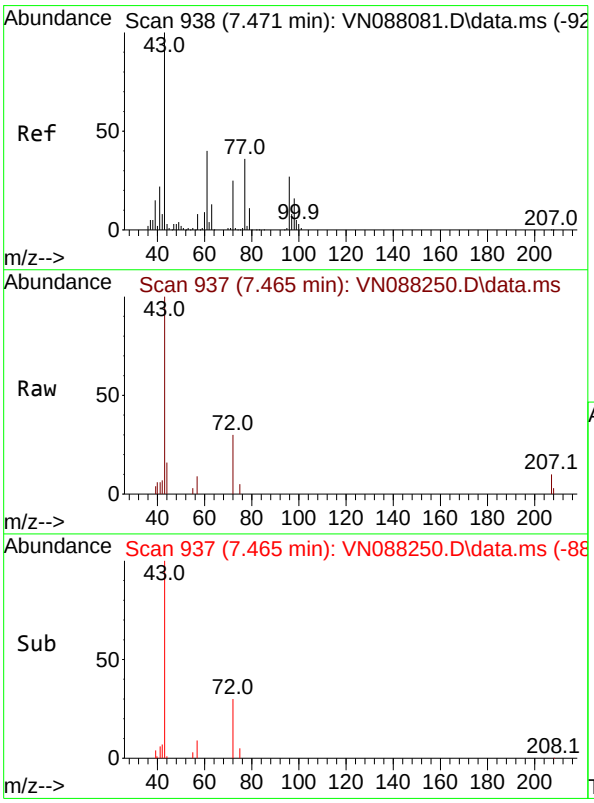
#20
Methylene Chloride
Concen: 4.231 ug/l
RT: 5.271 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 84 Resp: 12983

Ion	Ratio	Lower	Upper
84	100		
49	131.2	103.4	155.2
51	45.9	33.8	50.8
86	73.8	49.6	74.4

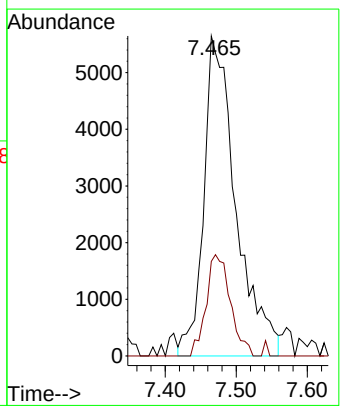


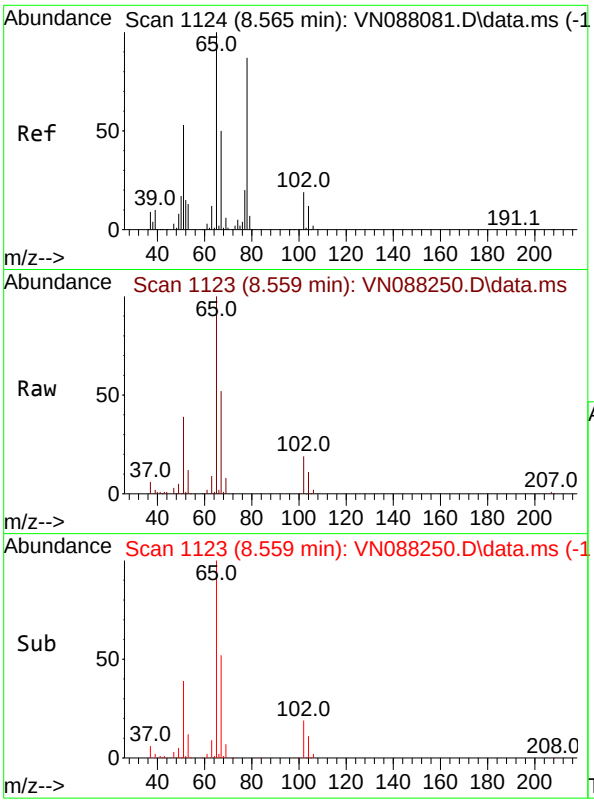


#25
2-Butanone
Concen: 7.364 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 43 Resp: 17742

Ion	Ratio	Lower	Upper
43	100		
72	30.4	19.9	29.9#



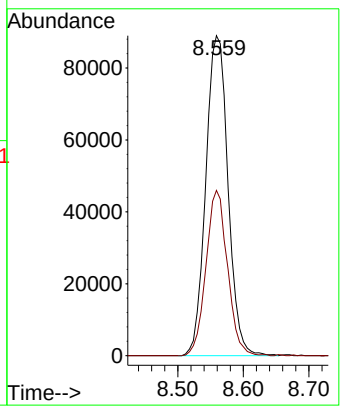


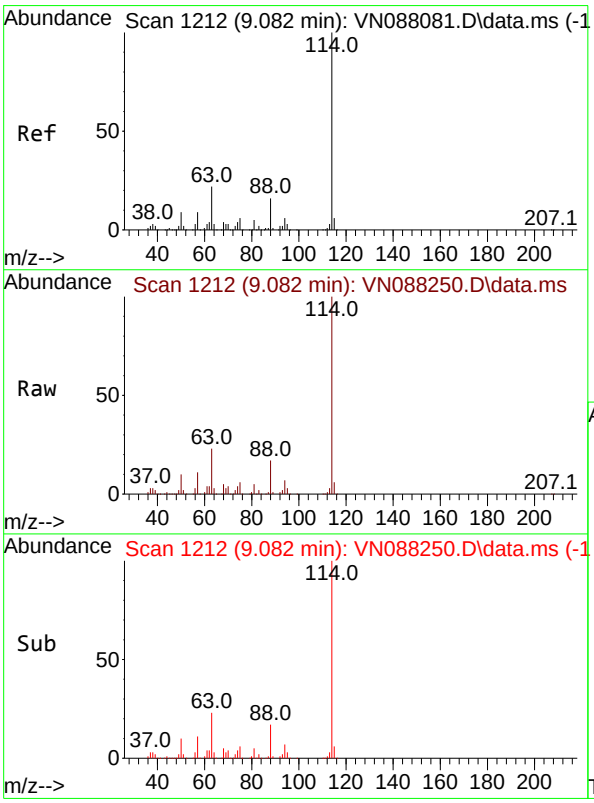
#33
1,2-Dichloroethane-d4
Concen: 57.539 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 65 Resp: 209384

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	100.0

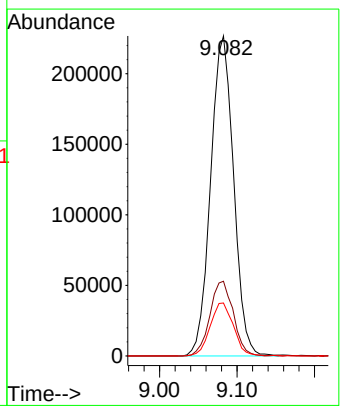


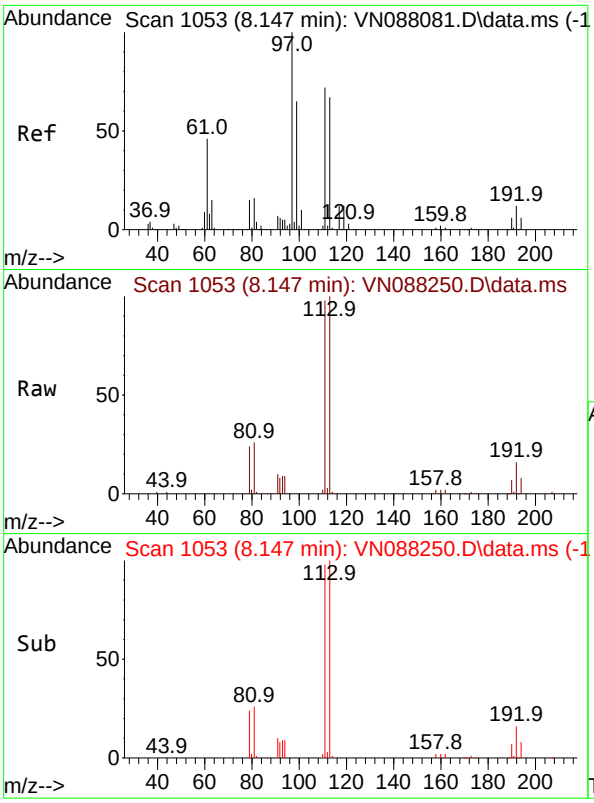


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion:114 Resp: 466987

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.2
88	16.5	0.0	33.4



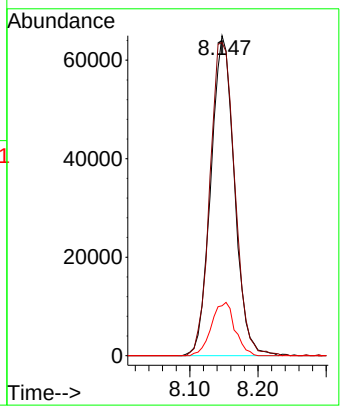


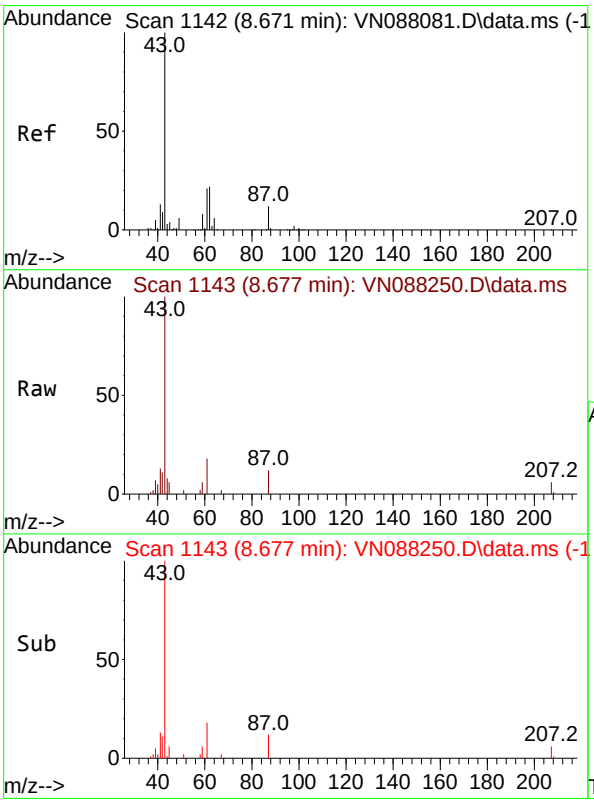
#35
Dibromofluoromethane
Concen: 49.776 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion:113 Resp: 156160

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	16.6	12.8	19.2

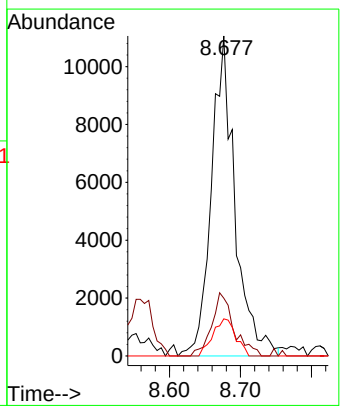


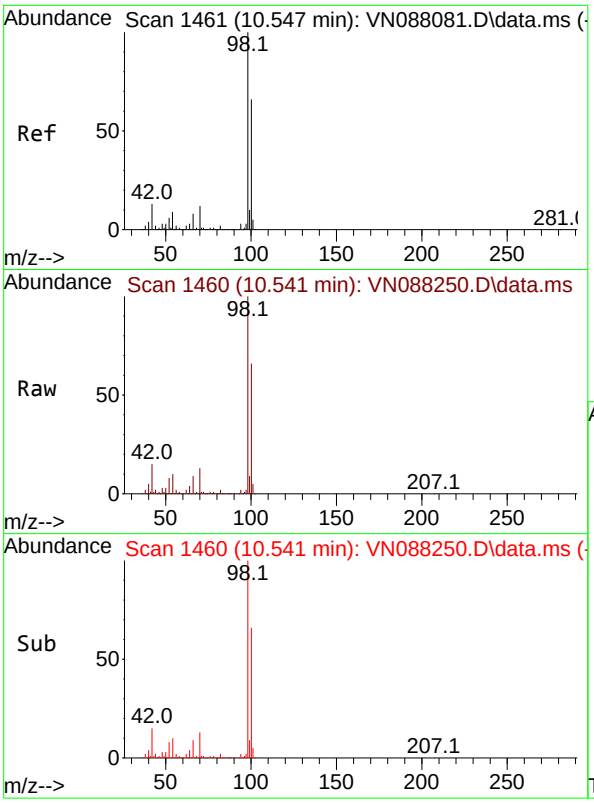


#43
Isopropyl Acetate
Concen: 2.804 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 43 Resp: 25472

Ion	Ratio	Lower	Upper
43	100		
61	18.5	18.8	28.2#
87	11.2	9.6	14.4



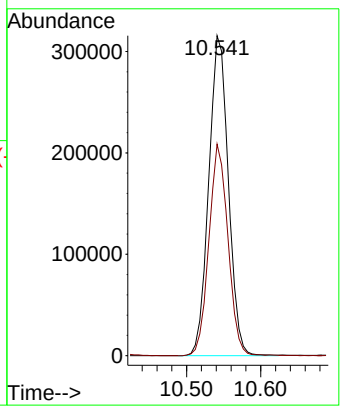


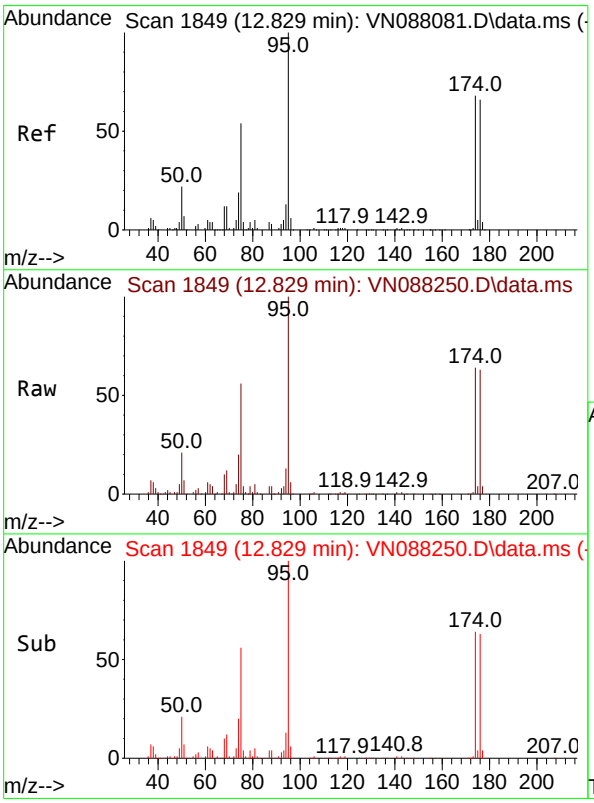
#50
Toluene-d8
Concen: 47.875 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 98 Resp: 578726

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2

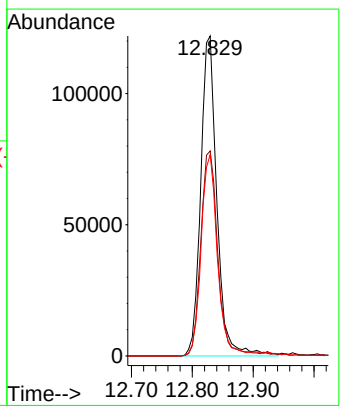


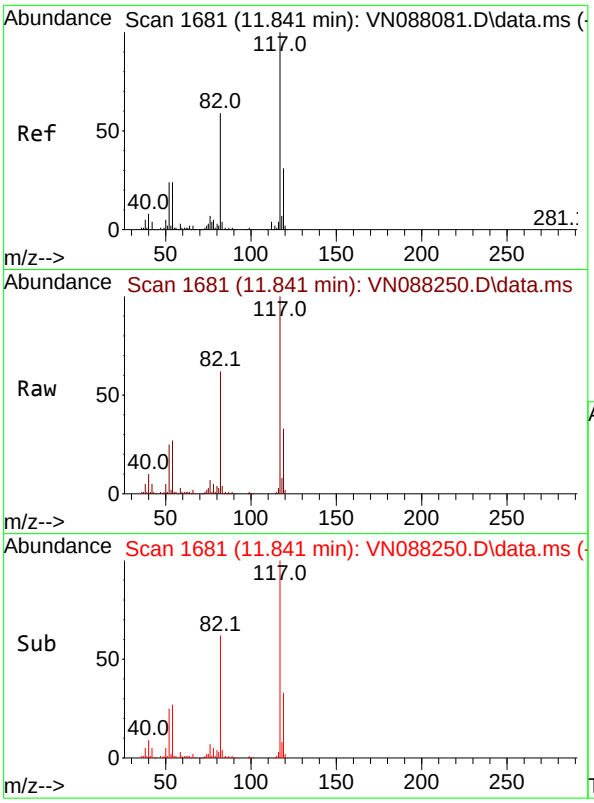


#62
4-Bromofluorobenzene
Concen: 52.827 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 95 Resp: 225525

Ion	Ratio	Lower	Upper
95	100		
174	67.3	0.0	138.4
176	63.0	0.0	132.6



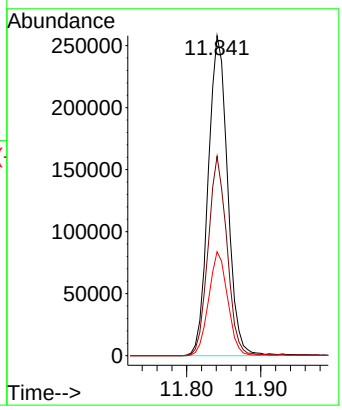


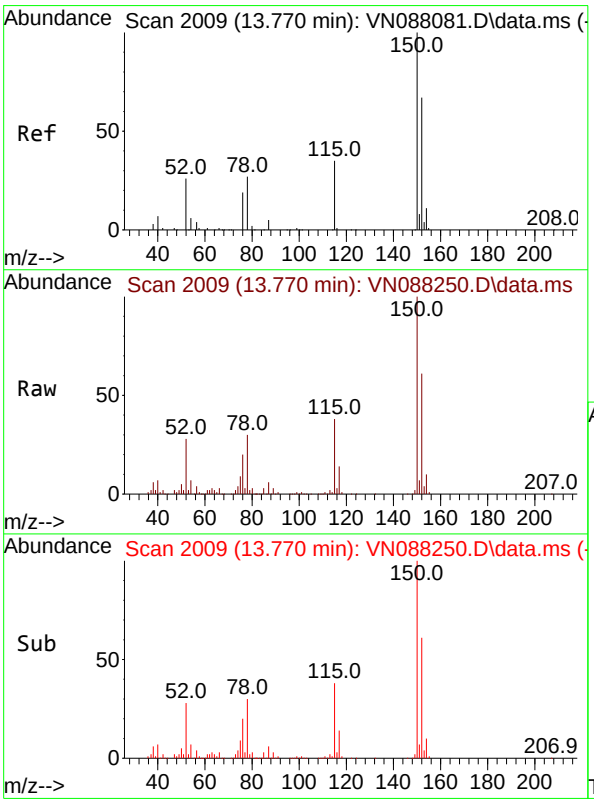
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion:117 Resp: 469026

Ion	Ratio	Lower	Upper
117	100		
82	62.3	47.4	71.2
119	32.5	24.3	36.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion:152 Resp: 220531

Ion	Ratio	Lower	Upper
152	100		
115	66.3	32.3	96.8
150	161.3	0.0	351.0