Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088205.D
Acq On : 06 Nov 2025 14:49
Operator : JC\MD
Sample : Q3532-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Quant Time: Nov 07 02:19:50 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	226893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	513506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	497289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	239455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	235809	60.102	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.200%			
35) Dibromofluoromethane	8.147	113	176907	51.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.560%			
50) Toluene-d8	10.547	98	668684	50.305	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.829	95	269048	57.312	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.620%			
Target Compounds						Qvalue
16) Acetone	4.430	43	39362	19.970	ug/l	98
20) Methylene Chloride	5.271	84	12749	3.853	ug/l #	89
25) 2-Butanone	7.477	43	45992	17.706	ug/l	94
43) Isopropyl Acetate	8.677	43	30566	3.060	ug/l #	92

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

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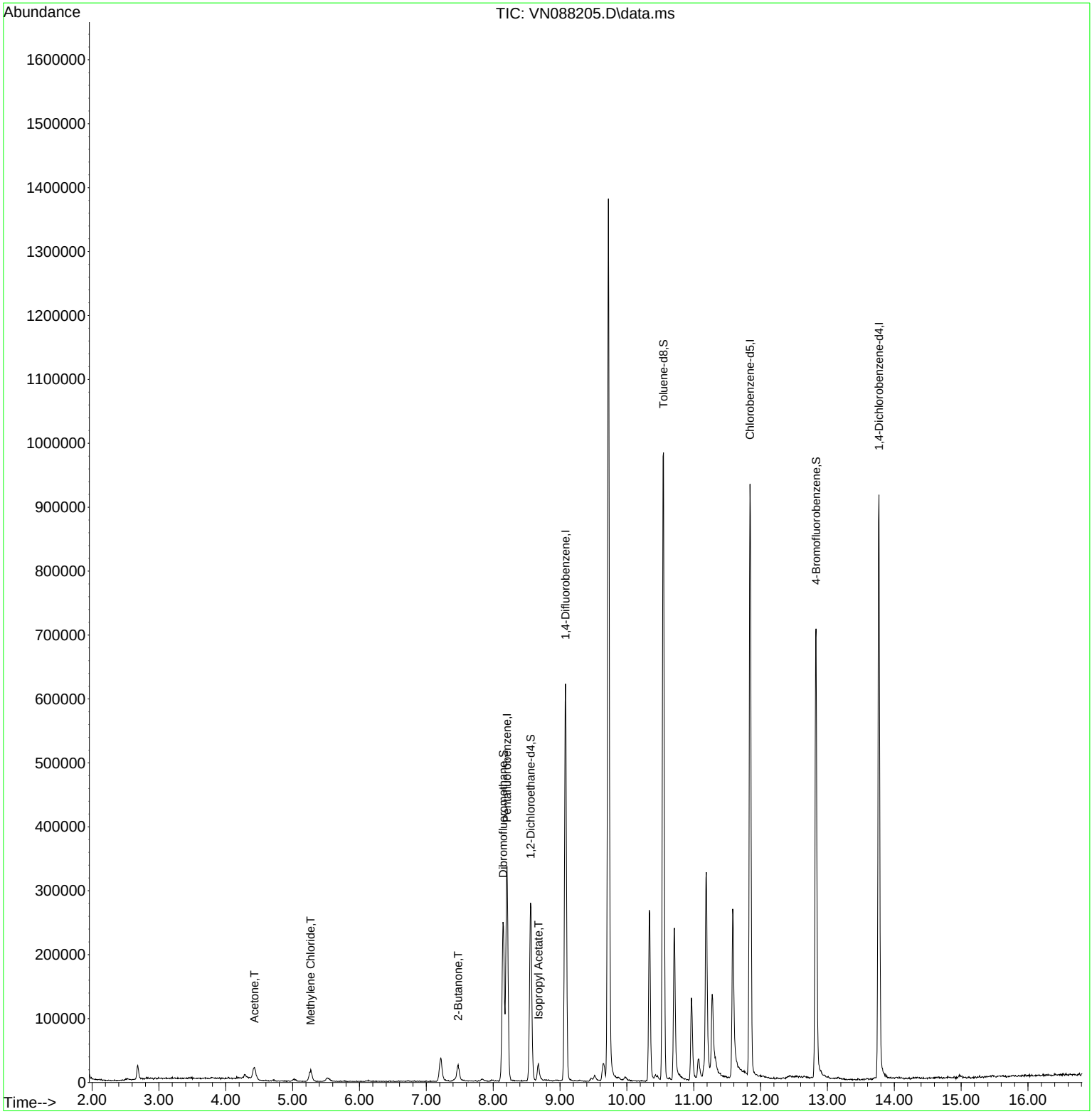
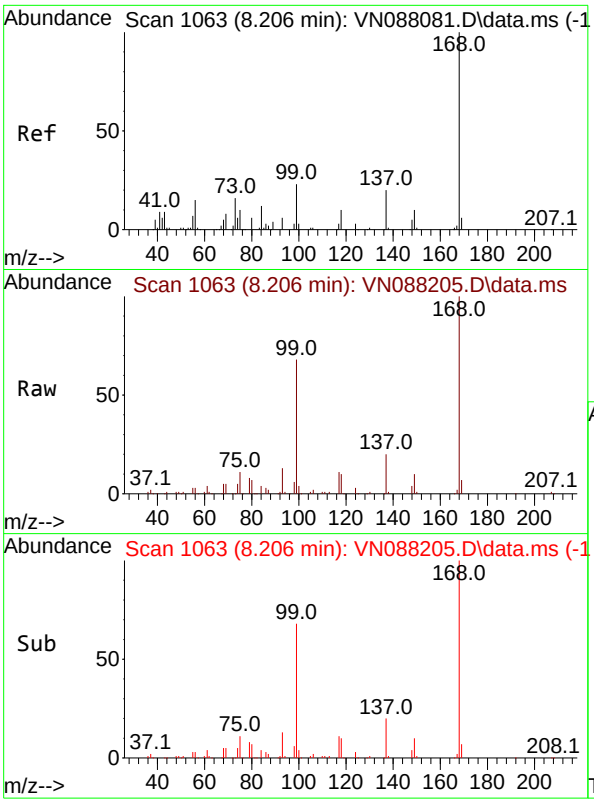


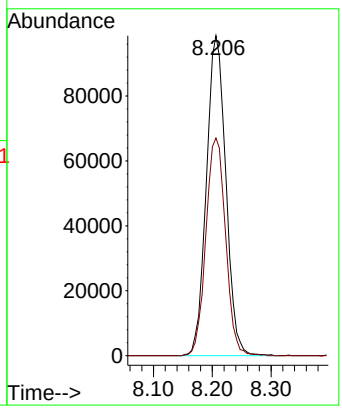


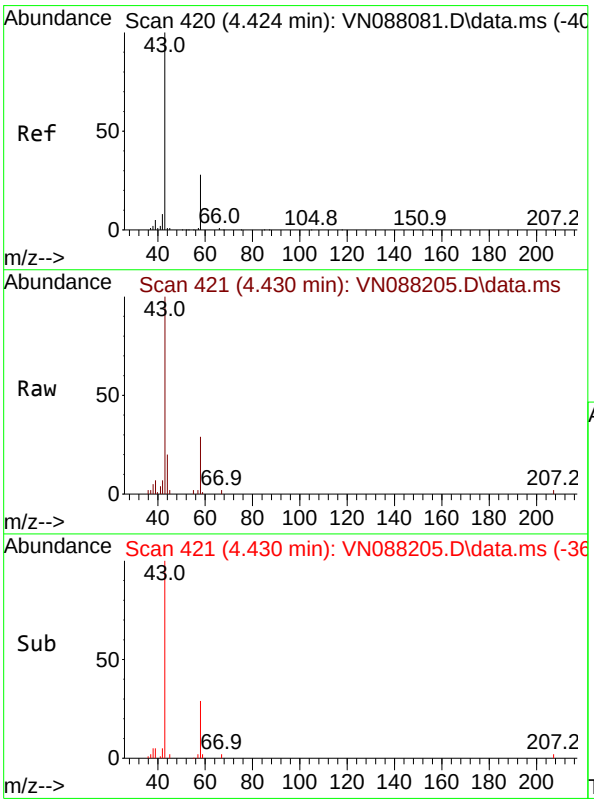
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 226893

Ion	Ratio	Lower	Upper
168	100		
99	68.0	57.2	85.8

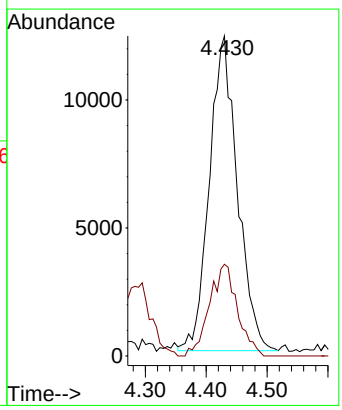


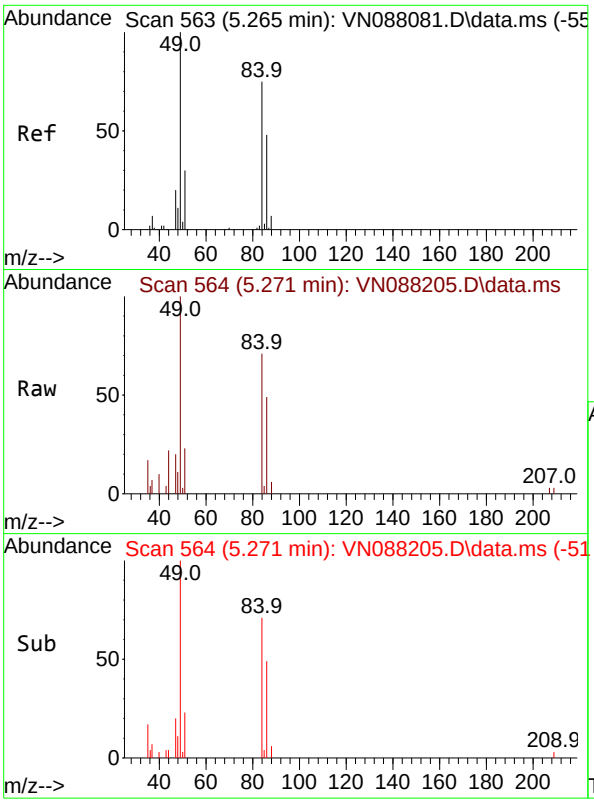


#16
Acetone
Concen: 19.970 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Tgt Ion: 43 Resp: 39362

Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.6	33.8



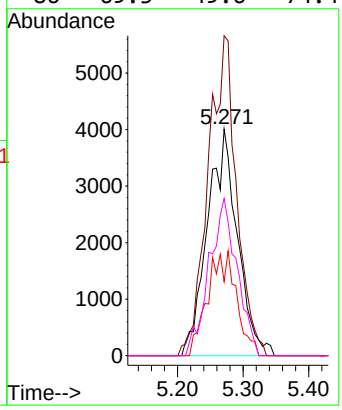


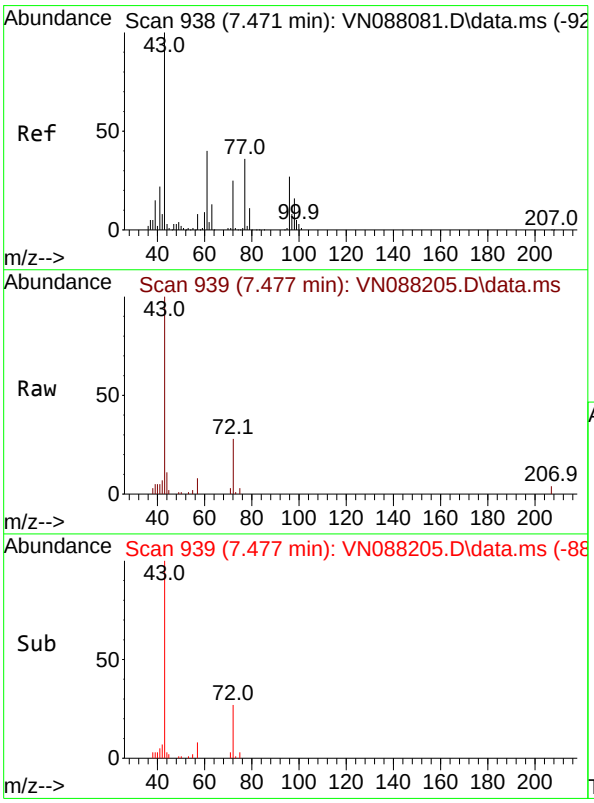
#20
Methylene Chloride
Concen: 3.853 ug/l
RT: 5.271 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 84 Resp: 12749

Ion	Ratio	Lower	Upper
84	100		
49	141.3	103.4	155.2
51	32.8	33.8	50.8#
86	69.3	49.6	74.4

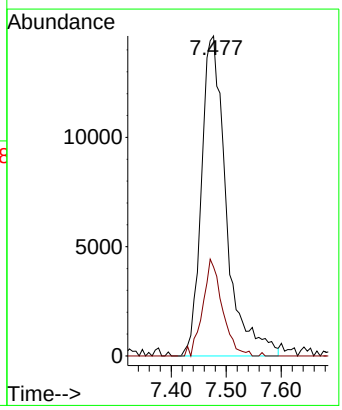


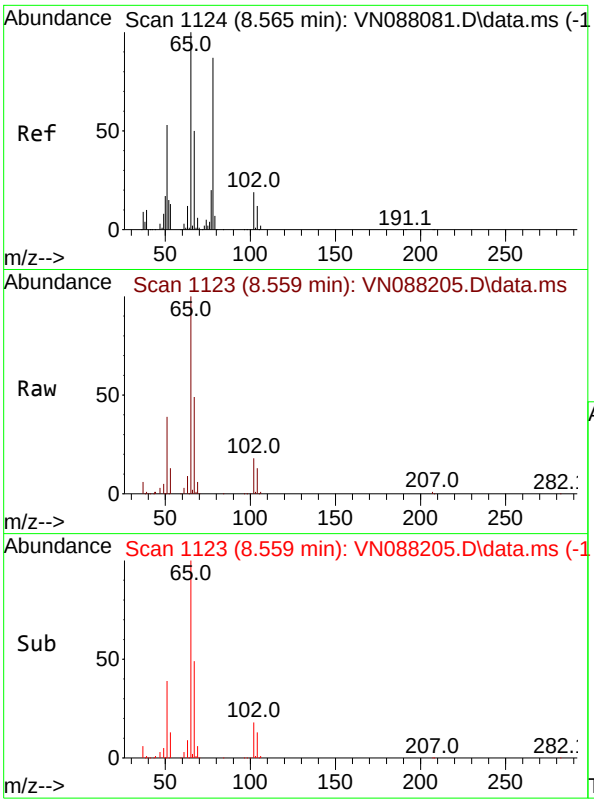


#25
2-Butanone
Concen: 17.706 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Tgt Ion: 43 Resp: 45992

Ion	Ratio	Lower	Upper
43	100		
72	27.8	19.9	29.9



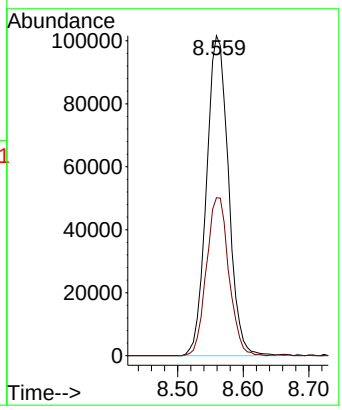


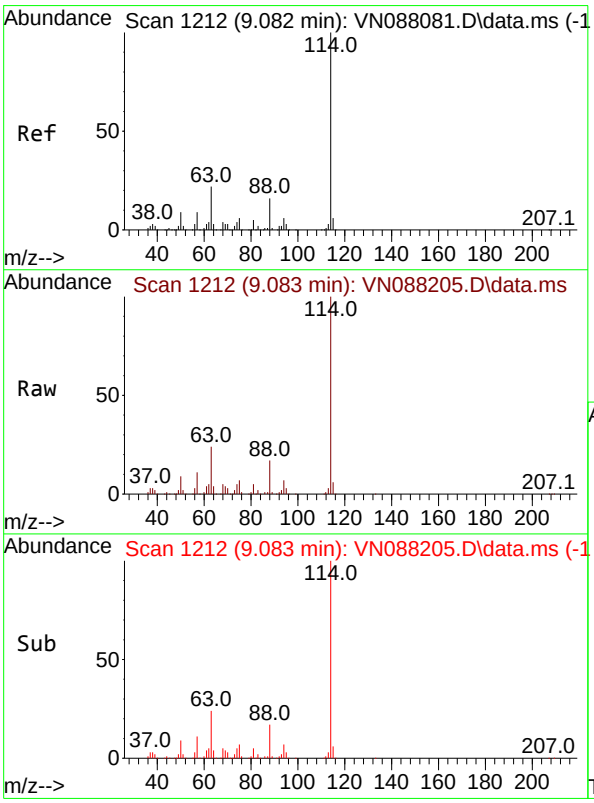
#33
1,2-Dichloroethane-d4
Concen: 60.102 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 65 Resp: 235809

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	100.0

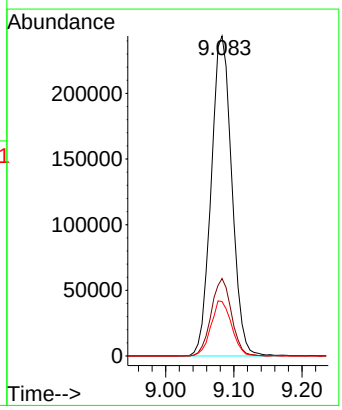


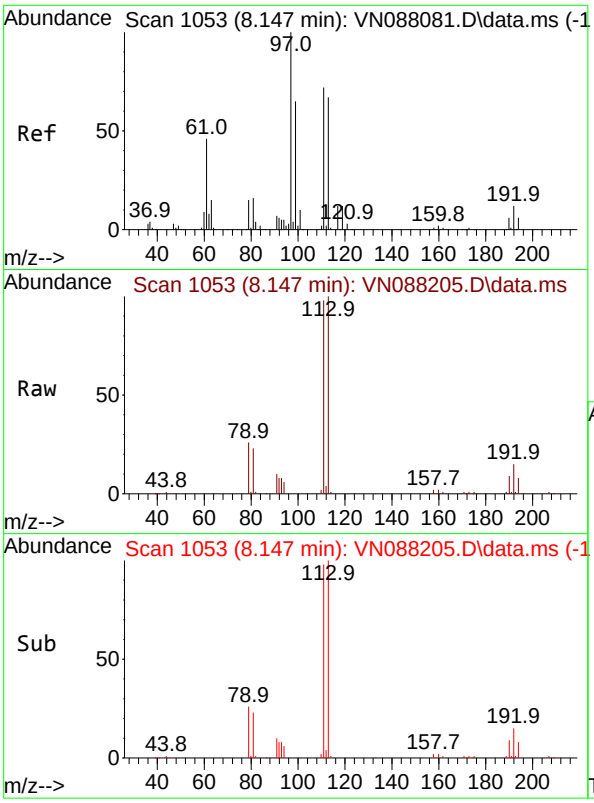


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Tgt Ion:114 Resp: 513506

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	45.2
88	17.0	0.0	33.4



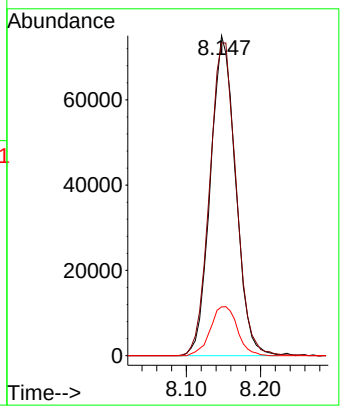


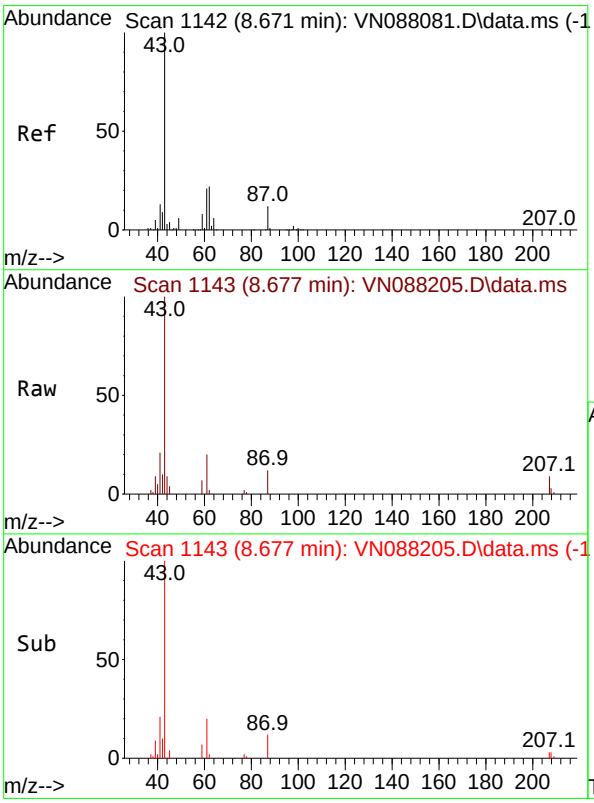
#35
Dibromofluoromethane
Concen: 51.281 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:113 Resp: 176907

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	16.4	12.8	19.2

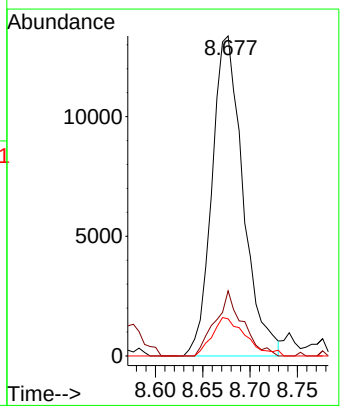


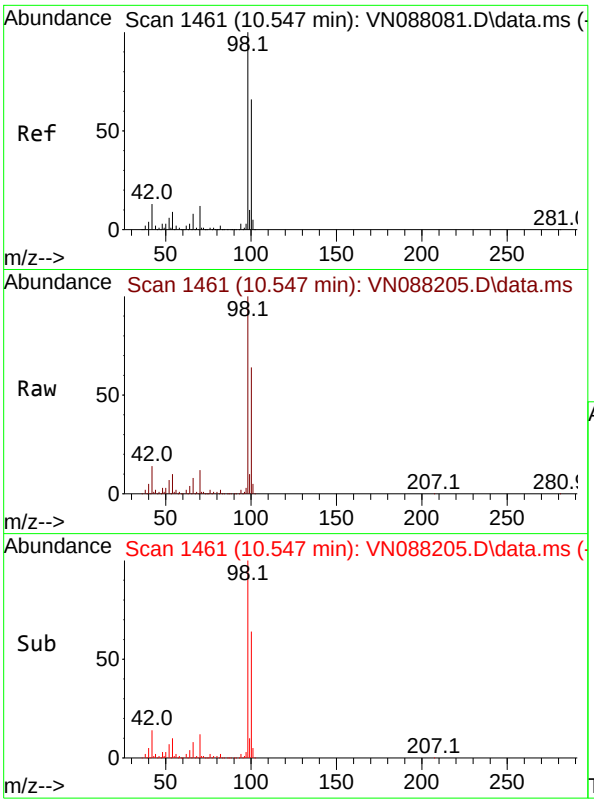


#43
Isopropyl Acetate
Concen: 3.060 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Tgt Ion: 43 Resp: 30566

Ion	Ratio	Lower	Upper
43	100		
61	17.9	18.8	28.2#
87	12.9	9.6	14.4



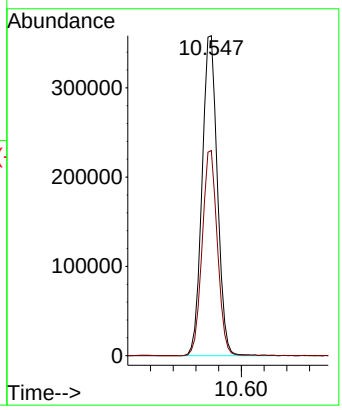


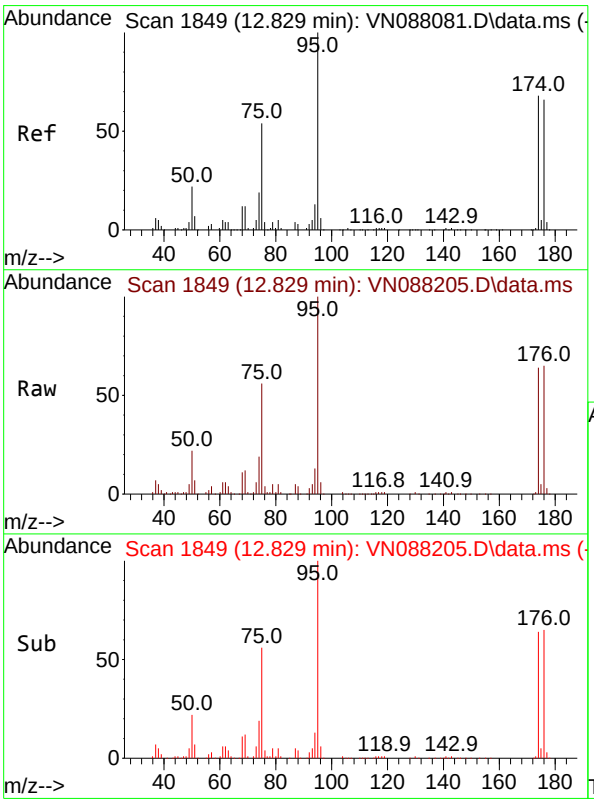
#50
Toluene-d8
Concen: 50.305 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 98 Resp: 668684

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.8	79.2

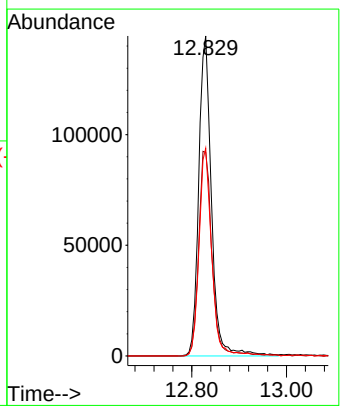


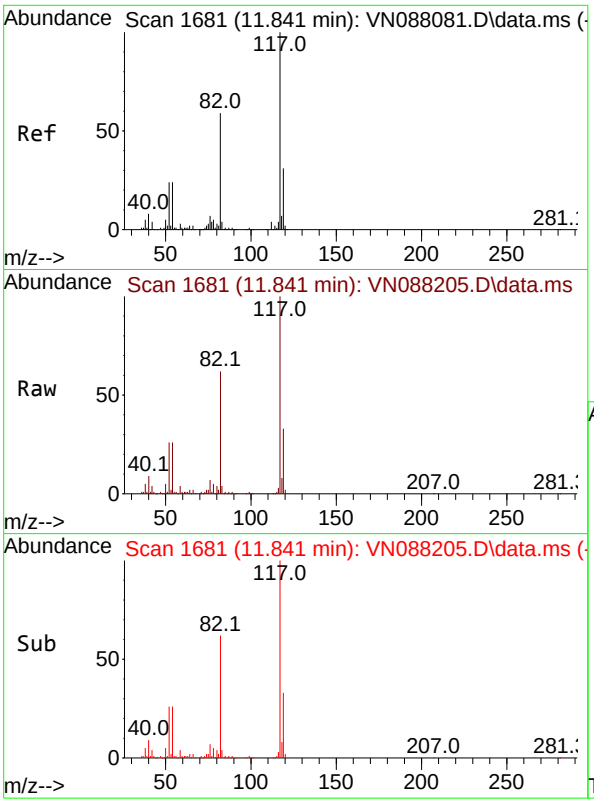


#62
4-Bromofluorobenzene
Concen: 57.312 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Tgt Ion: 95 Resp: 269048

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	138.4
176	64.6	0.0	132.6



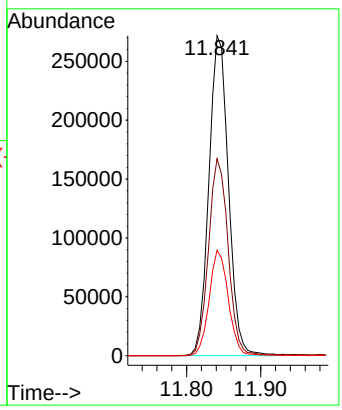


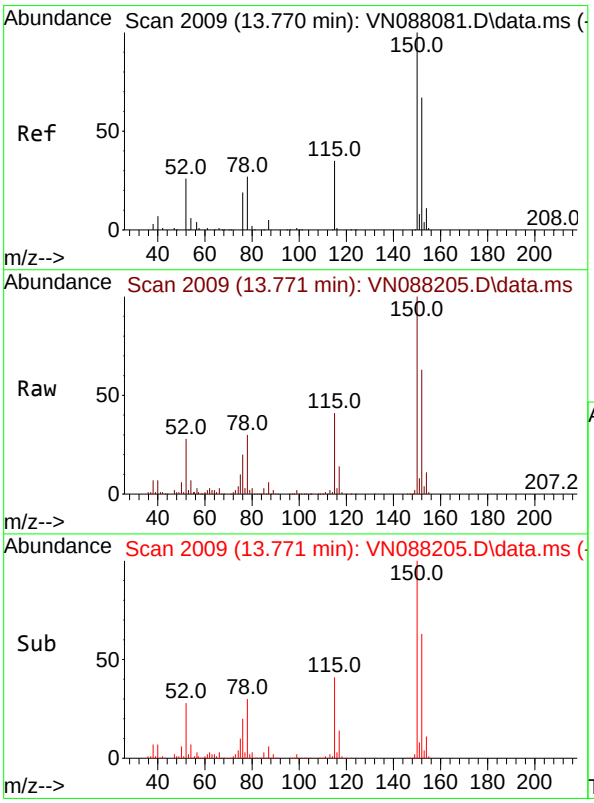
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 497289

Ion	Ratio	Lower	Upper
117	100		
82	61.5	47.4	71.2
119	32.9	24.3	36.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088205.D
Acq: 06 Nov 2025 14:49

Tgt Ion:152 Resp: 239455

Ion	Ratio	Lower	Upper
152	100		
115	66.9	32.3	96.8
150	159.6	0.0	351.0