Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111725\
Data File : VN088301.D
Acq On : 17 Nov 2025 14:00
Operator : JC\MD
Sample : Q3628-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Quant Time: Nov 18 03:01:04 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	187868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	422629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	437002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	204472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	178933	55.080	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	8.147	113	139109	48.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.000%			
50) Toluene-d8	10.547	98	503393	46.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.020%			
62) 4-Bromofluorobenzene	12.829	95	185775	48.083	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.160%			
Target Compounds						Qvalue
16) Acetone	4.430	43	49541	30.355	ug/l	96
18) Methyl Acetate	5.024	43	5133	1.536	ug/l	94
20) Methylene Chloride	5.283	84	17657	6.445	ug/l	88
43) Isopropyl Acetate	8.671	43	23862	2.903	ug/l	95

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

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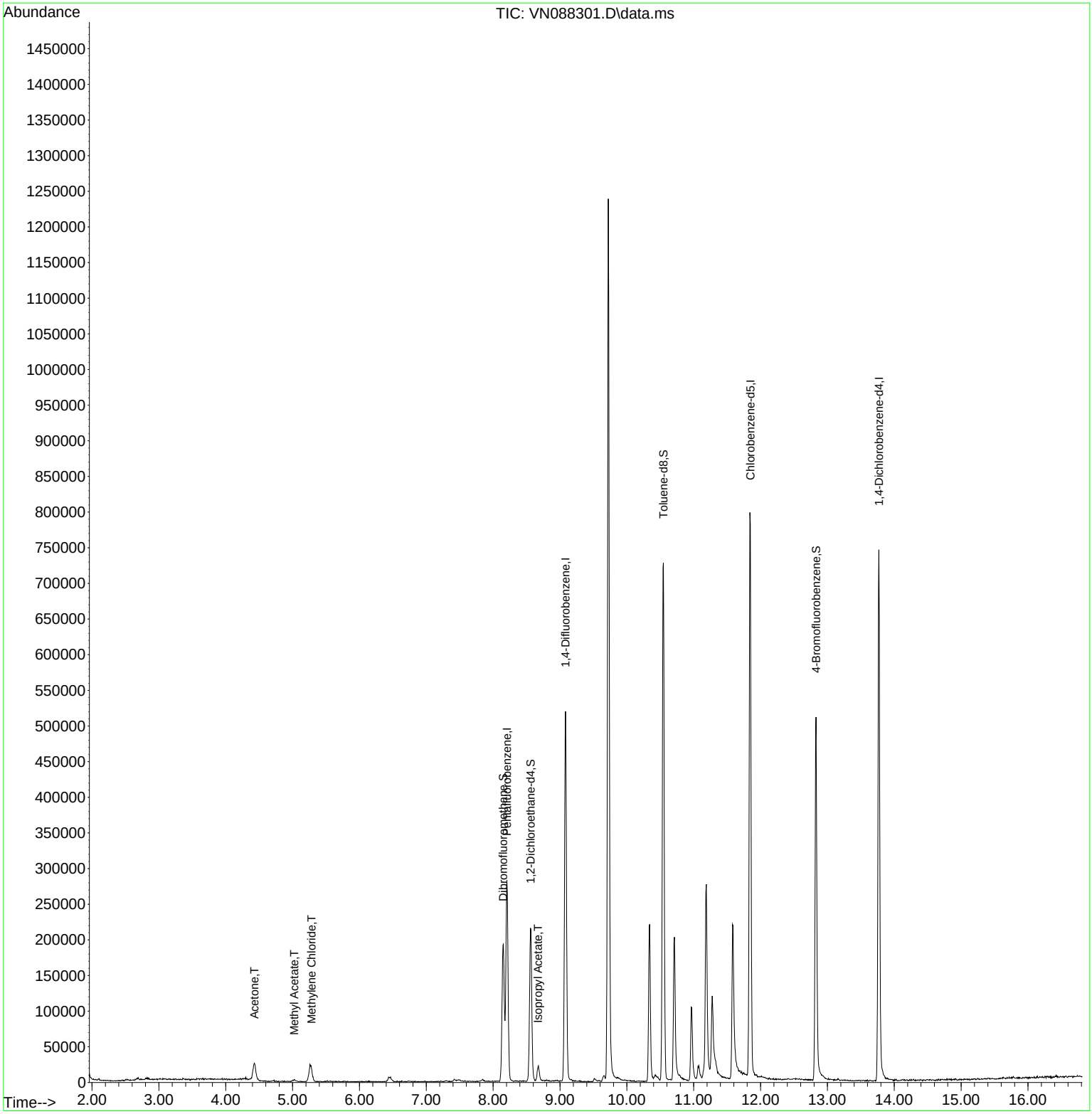
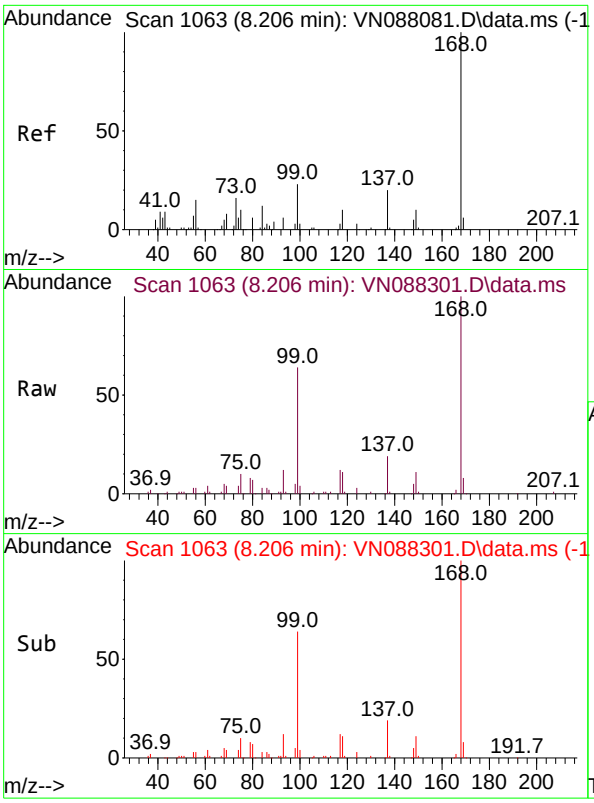


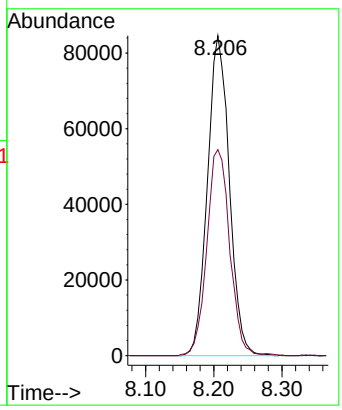


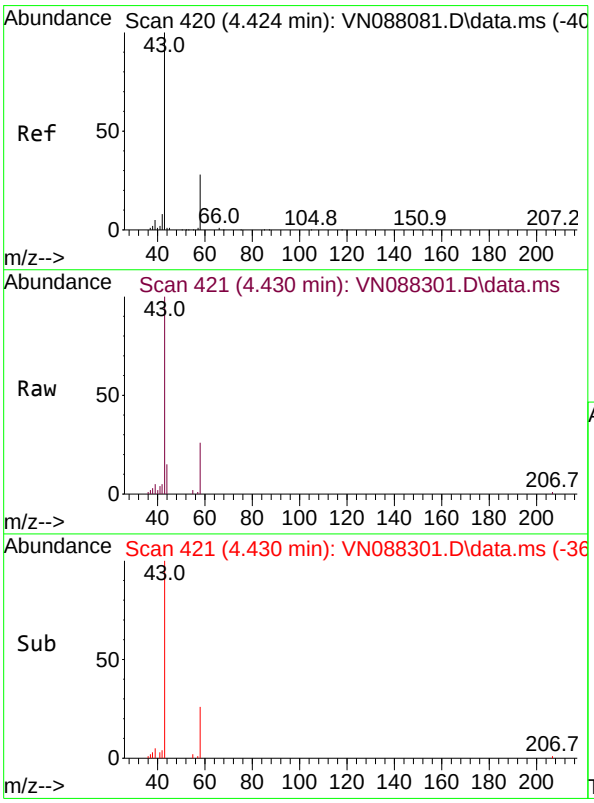
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion:168 Resp: 187868

Ion	Ratio	Lower	Upper
168	100		
99	64.4	57.2	85.8

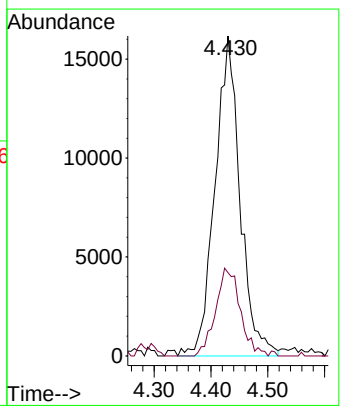


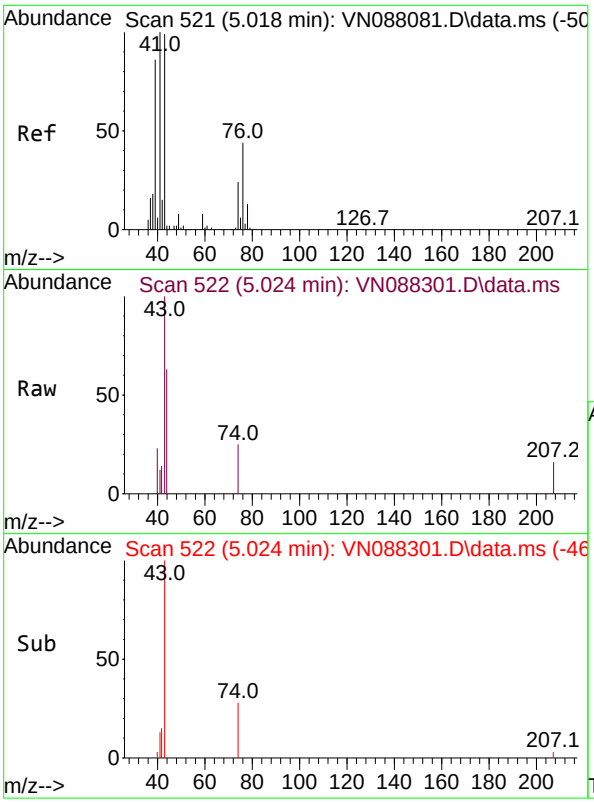


#16
Acetone
Concen: 30.355 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Tgt Ion: 43 Resp: 49541

Ion	Ratio	Lower	Upper
43	100		
58	26.0	22.6	33.8



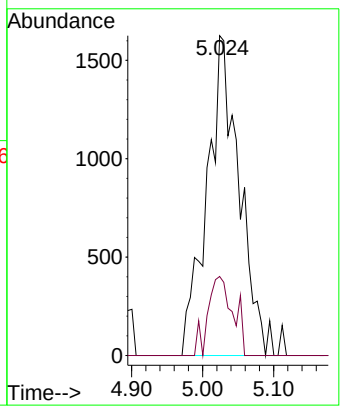


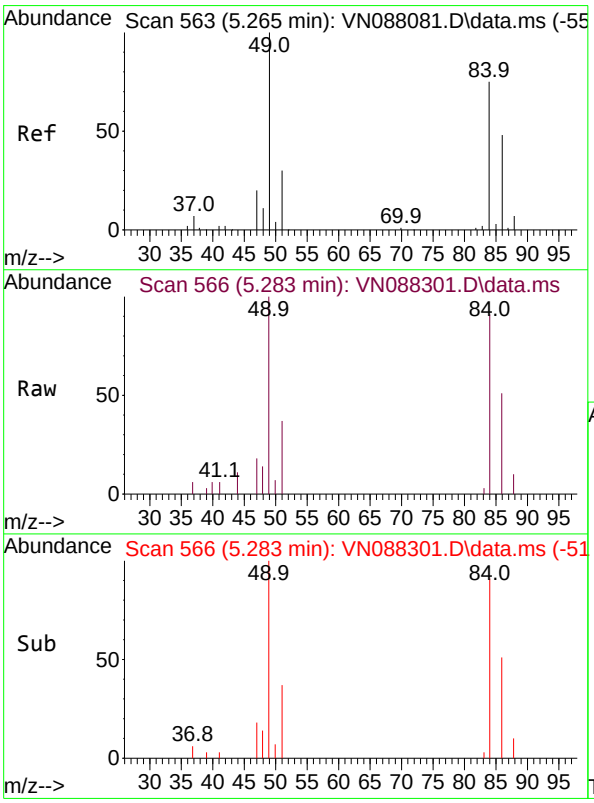
#18
Methyl Acetate
Concen: 1.536 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion: 43 Resp: 5133

Ion	Ratio	Lower	Upper
43	100		
74	19.1	17.6	26.4

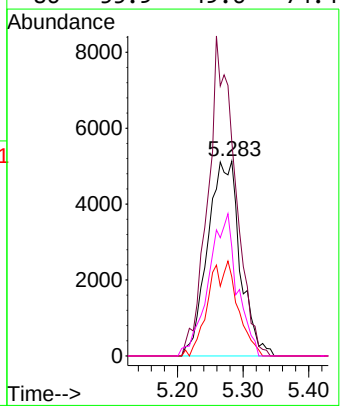


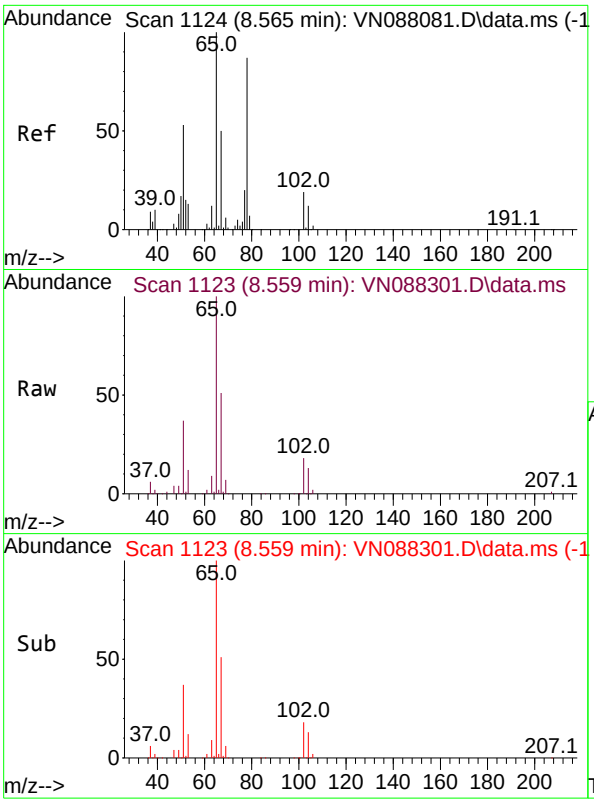


#20
Methylene Chloride
Concen: 6.445 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.018 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Tgt Ion: 84 Resp: 17657

Ion	Ratio	Lower	Upper
84	100		
49	110.1	103.4	155.2
51	40.5	33.8	50.8
86	55.9	49.6	74.4



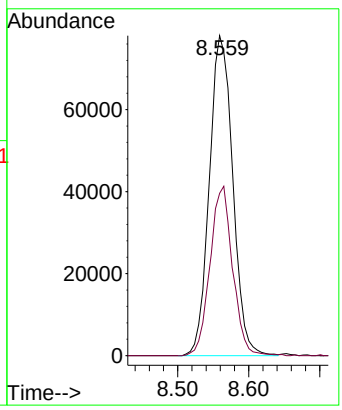


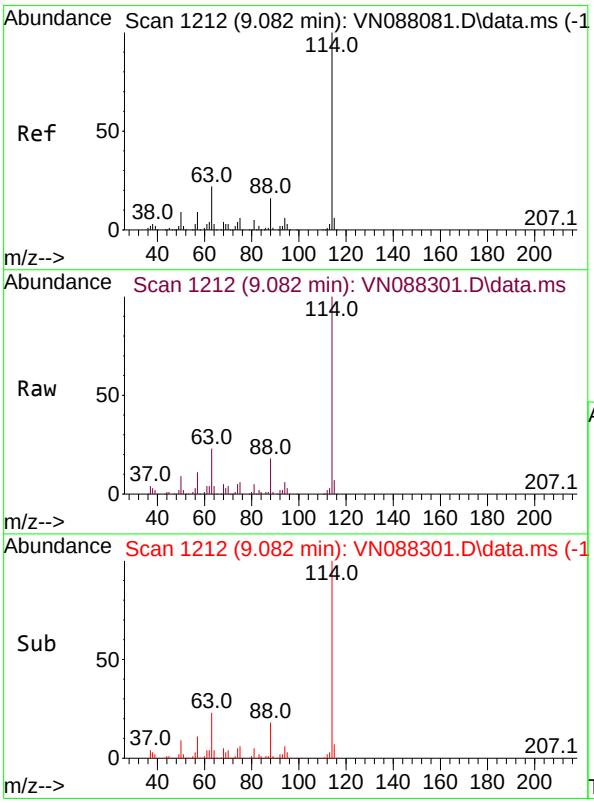
#33
1,2-Dichloroethane-d4
Concen: 55.080 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion: 65 Resp: 178933

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.0

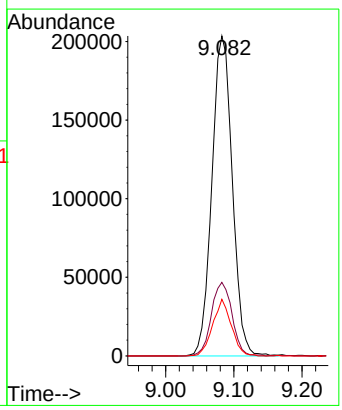


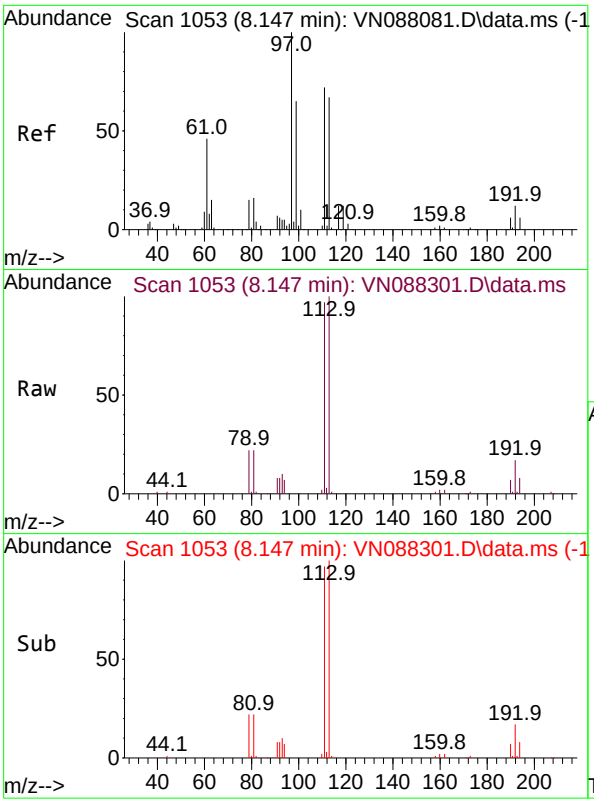


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Tgt Ion:114 Resp: 422629

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.2
88	17.7	0.0	33.4



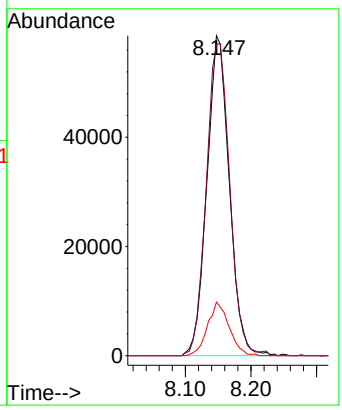


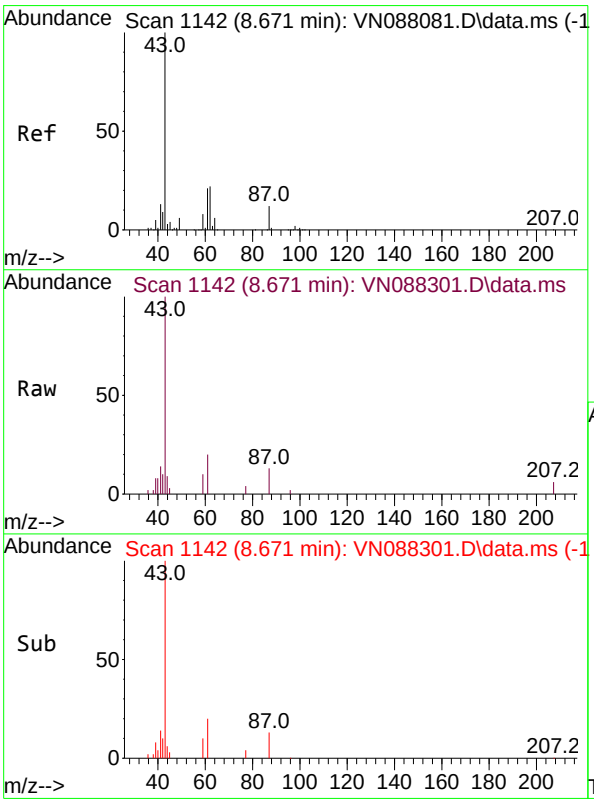
#35
Dibromofluoromethane
Concen: 48.995 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion:113 Resp: 139109

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	16.1	12.8	19.2

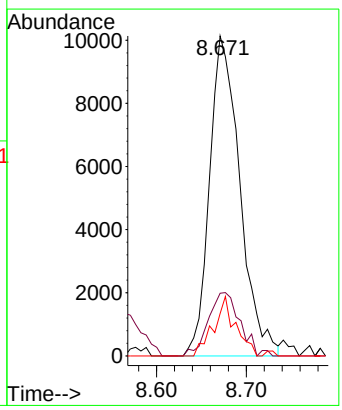


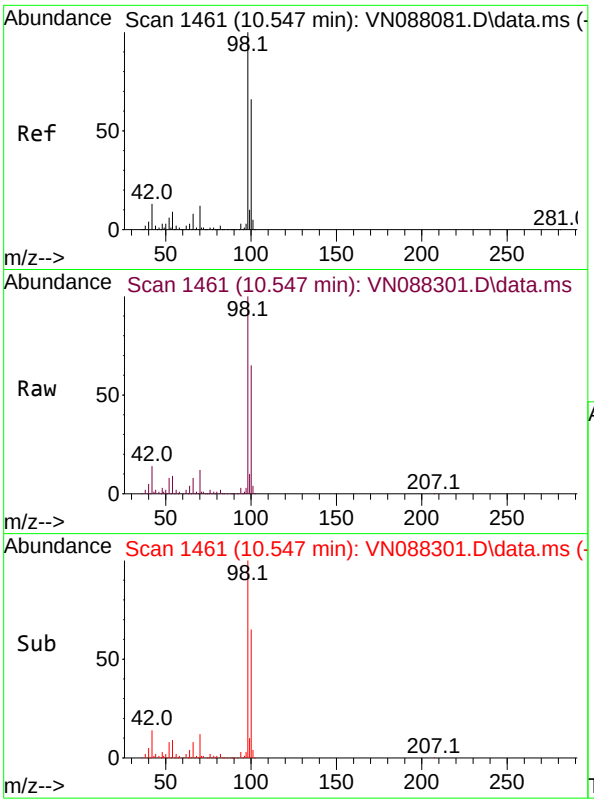


#43
Isopropyl Acetate
Concen: 2.903 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Tgt Ion: 43 Resp: 23862

Ion	Ratio	Lower	Upper
43	100		
61	20.7	18.8	28.2
87	13.5	9.6	14.4



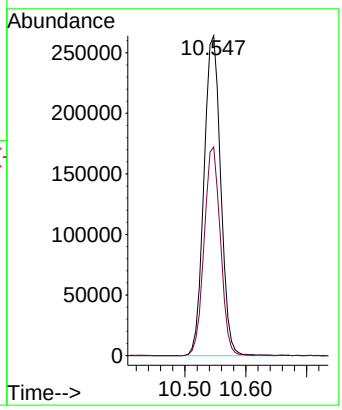


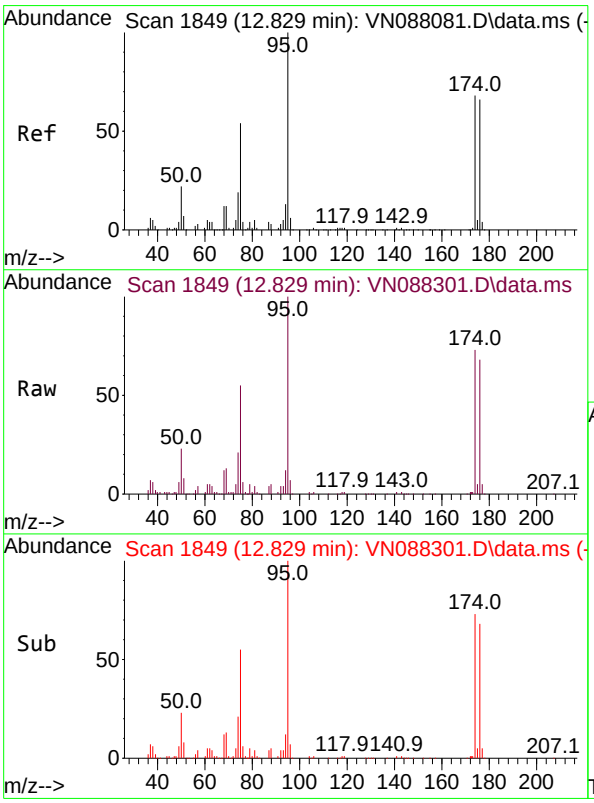
#50
Toluene-d8
Concen: 46.014 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion: 98 Resp: 503393

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.8	79.2

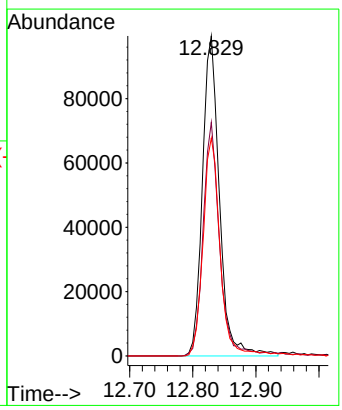


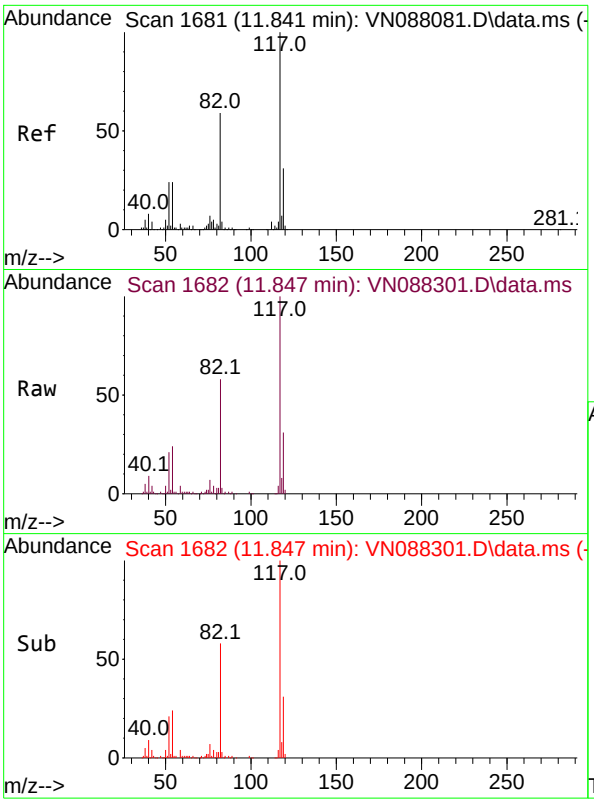


#62
4-Bromofluorobenzene
Concen: 48.083 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Tgt Ion: 95 Resp: 185775

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	138.4
176	68.6	0.0	132.6



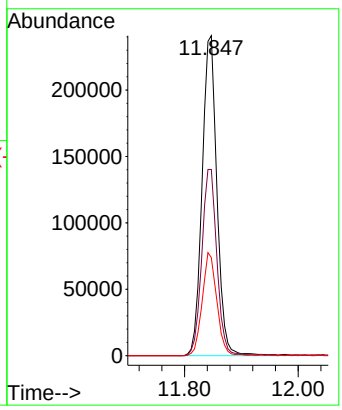


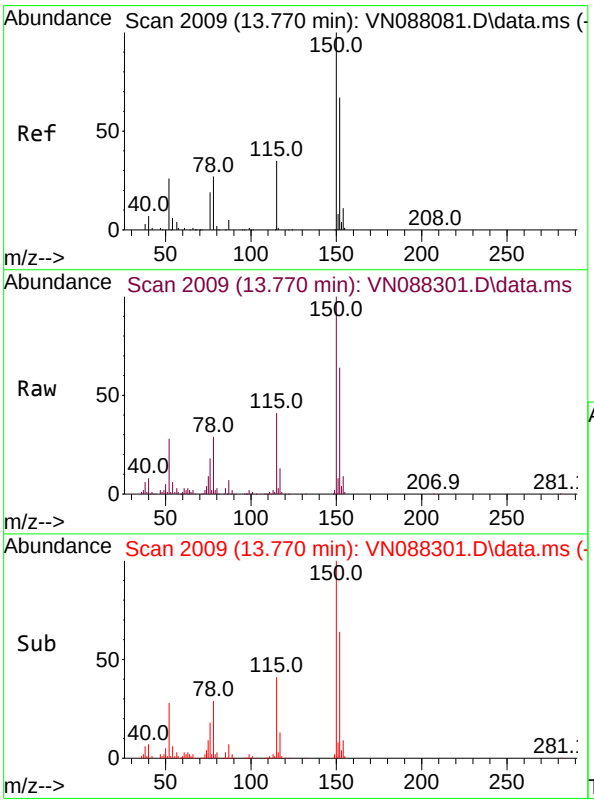
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088301.D
Acq: 17 Nov 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 437002

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.2
119	30.6	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: VN088301.D
Acq: 17 Nov 2025 14:00

Tgt Ion:152 Resp: 204472

Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.3	96.8
150	157.8	0.0	351.0