Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088212.D
Acq On : 06 Nov 2025 17:14
Operator : JC\MD
Sample : Q3560-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Quant Time: Nov 07 02:23:07 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	253683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	587927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	574358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	297689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	274550	62.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.180%#			
35) Dibromofluoromethane	8.147	113	201642	51.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	10.547	98	761174	50.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.020%			
62) 4-Bromofluorobenzene	12.829	95	307824	57.272	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.540%			
Target Compounds						Qvalue
3) Chloromethane	2.383	50	2381	0.707	ug/l	89
16) Acetone	4.424	43	5919	2.686	ug/l #	83
19) Methyl tert-butyl Ether	5.783	73	5697	0.487	ug/l #	83
65) Chlorobenzene	11.871	112	23484	1.801	ug/l	94

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

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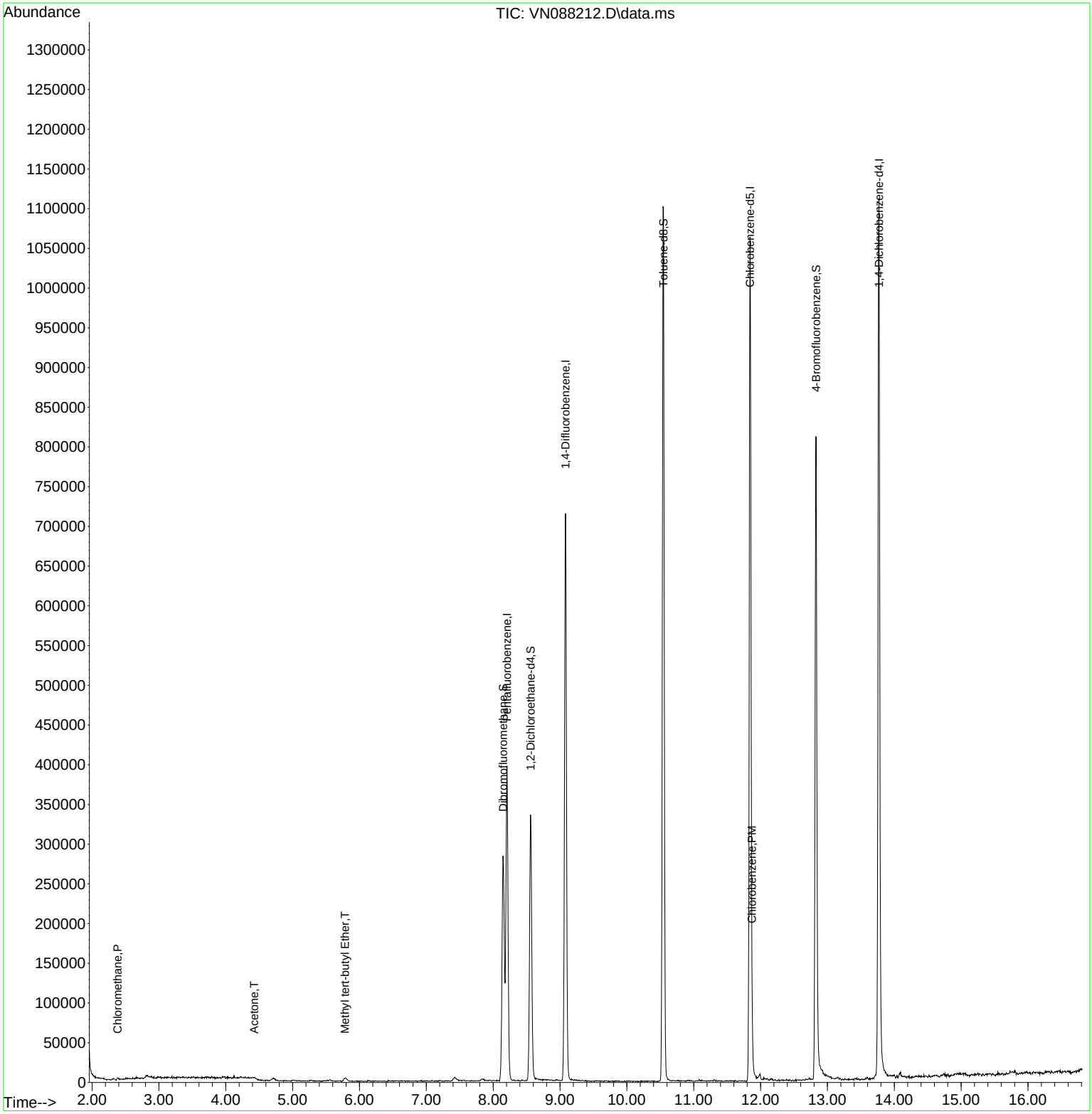
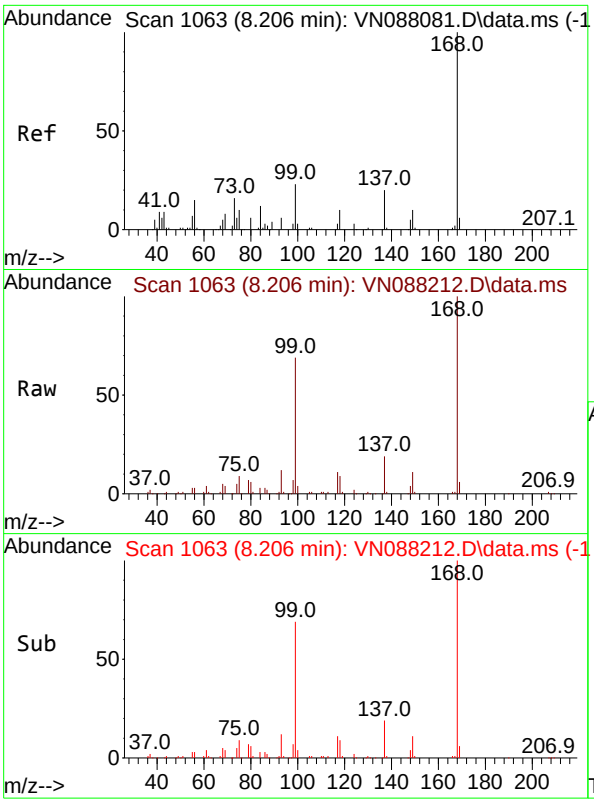


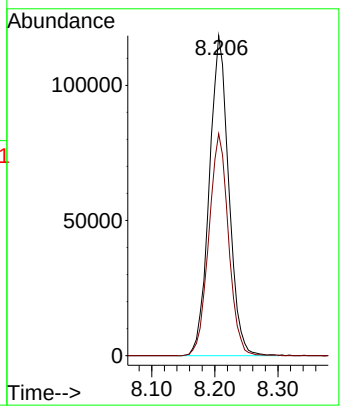


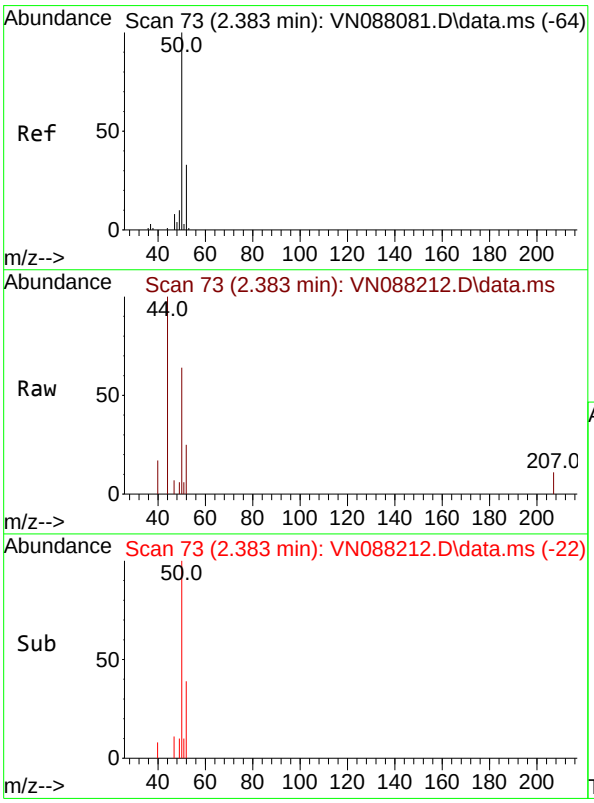
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion:168 Resp: 253683

Ion	Ratio	Lower	Upper
168	100		
99	69.4	57.2	85.8

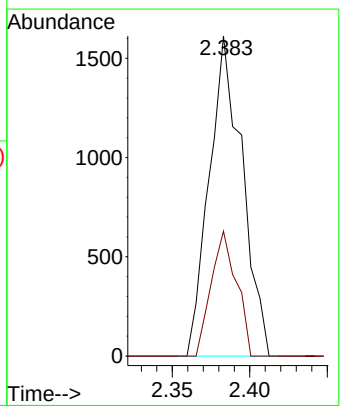


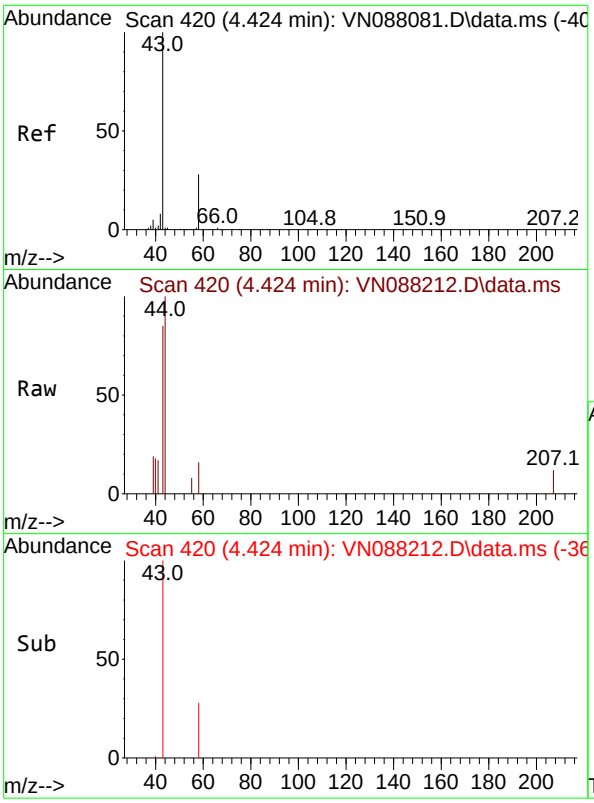


#3
Chloromethane
Concen: 0.707 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion: 50 Resp: 2381

Ion	Ratio	Lower	Upper
50	100		
52	39.0	26.2	39.4



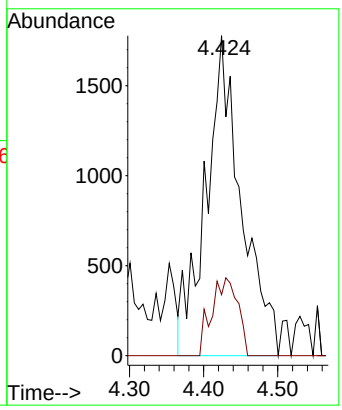


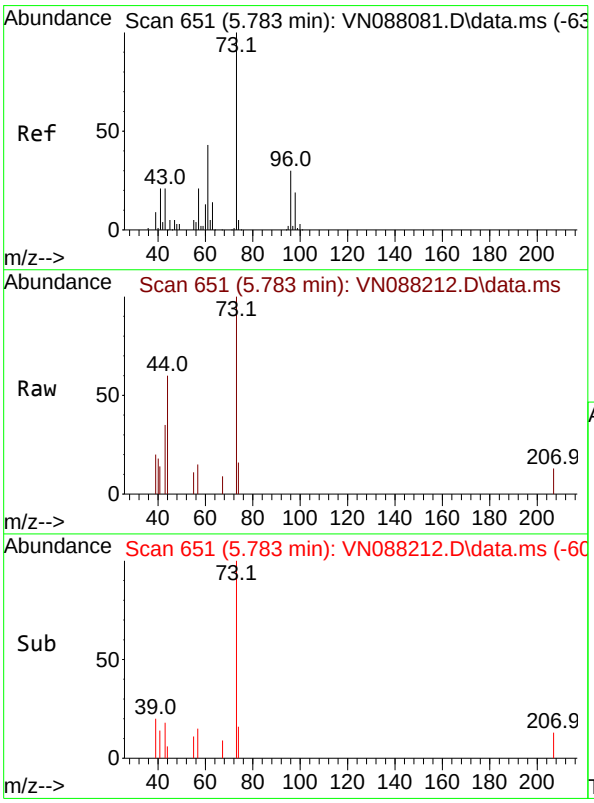
#16
Acetone
Concen: 2.686 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion: 43 Resp: 5919

Ion	Ratio	Lower	Upper
43	100		
58	19.1	22.6	33.8#

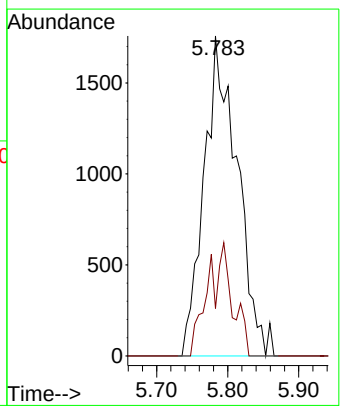


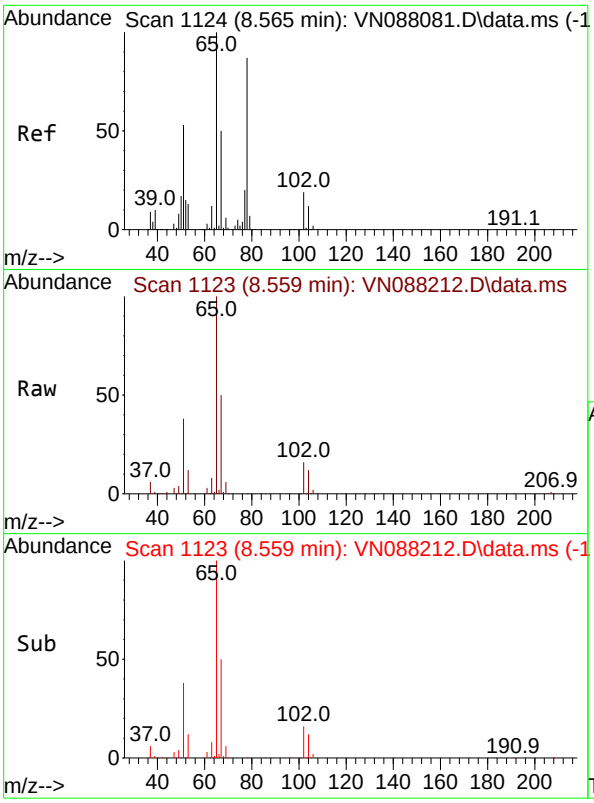


#19
Methyl tert-butyl Ether
Concen: 0.487 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion: 73 Resp: 5697

Ion	Ratio	Lower	Upper
73	100		
57	14.8	18.4	27.6#



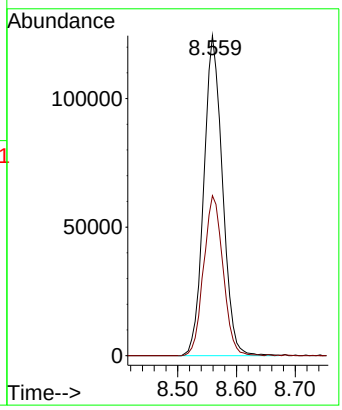


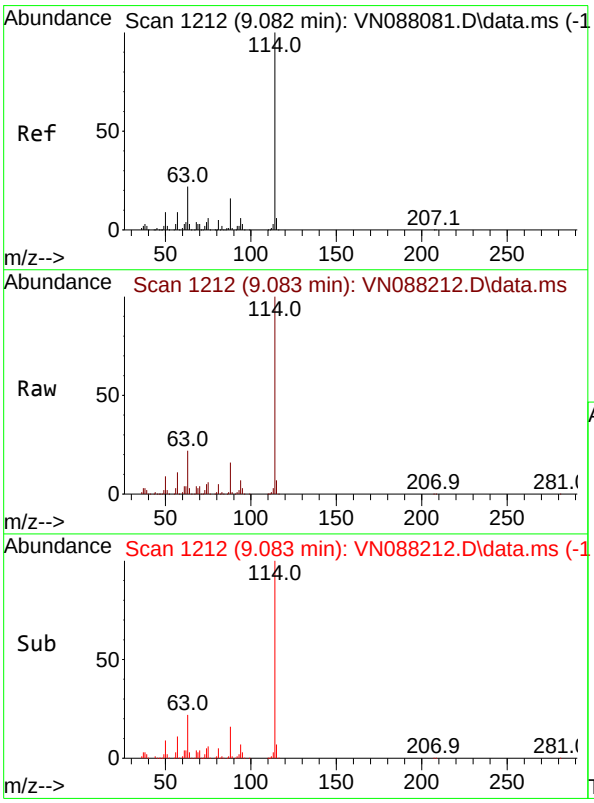
#33
1,2-Dichloroethane-d4
Concen: 62.587 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion: 65 Resp: 274550

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.0

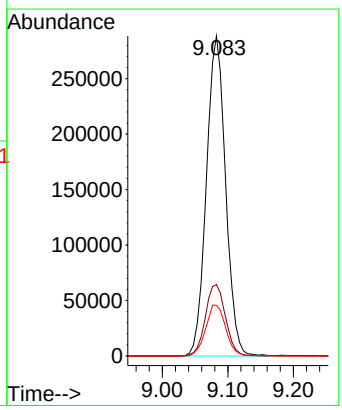


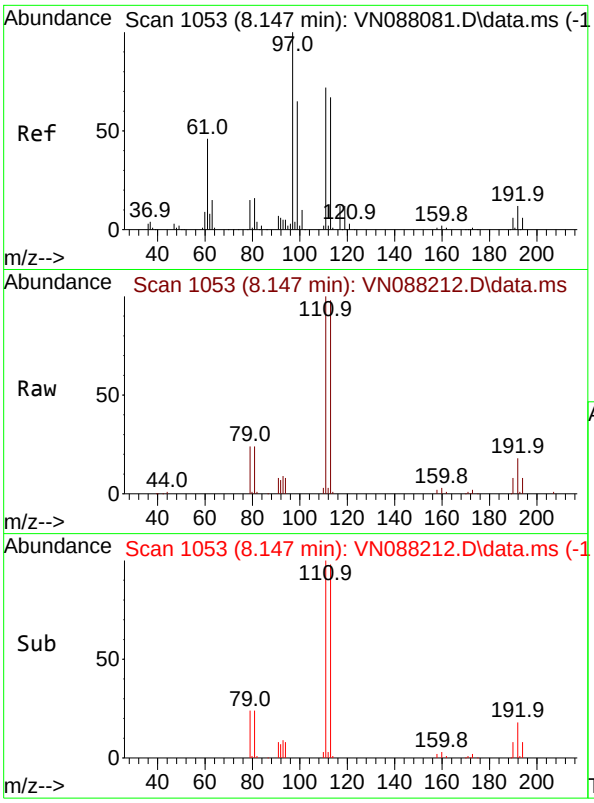


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion:114 Resp: 587927

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.2
88	15.8	0.0	33.4



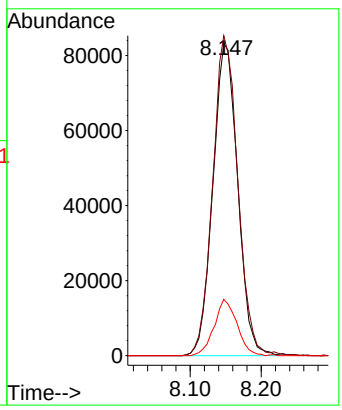


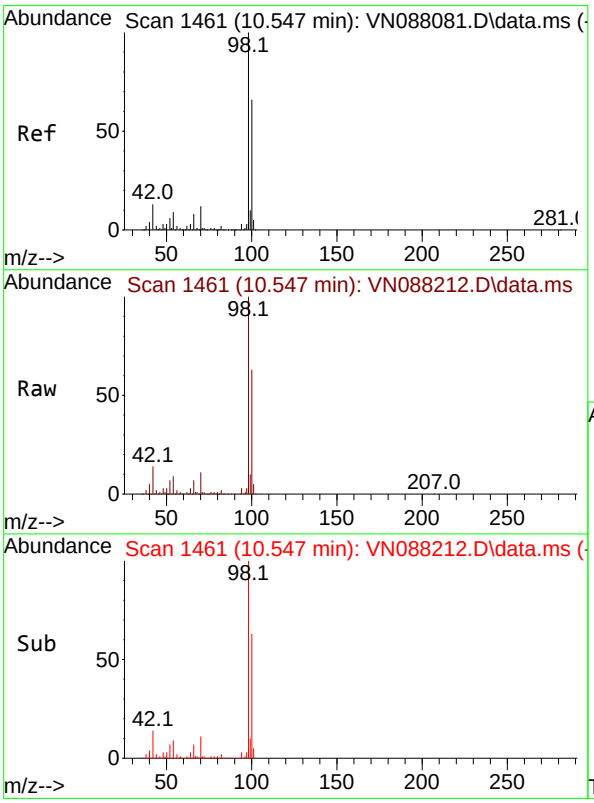
#35
Dibromofluoromethane
Concen: 51.052 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion:113 Resp: 201642

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	16.6	12.8	19.2

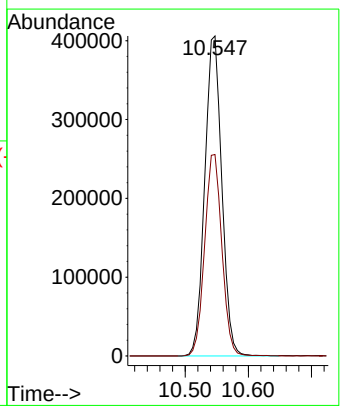


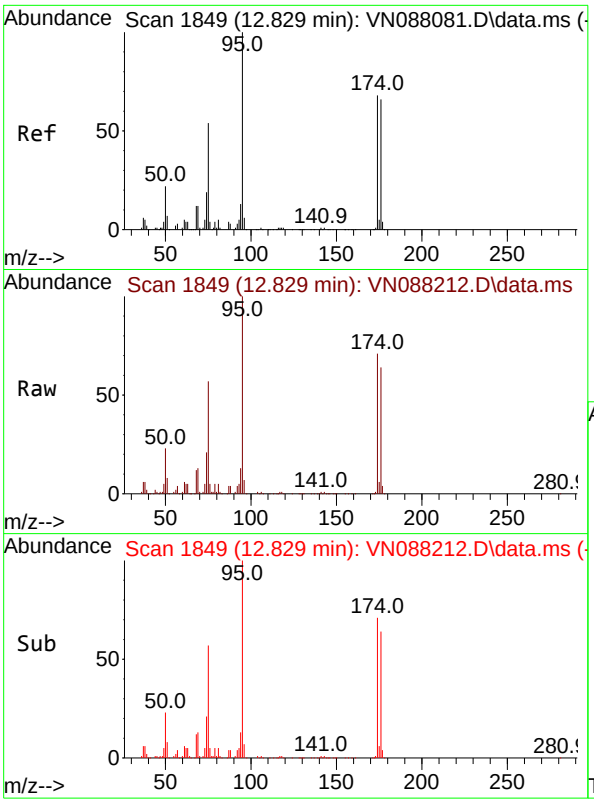


#50
Toluene-d8
Concen: 50.015 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion: 98 Resp: 761174

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.8	79.2



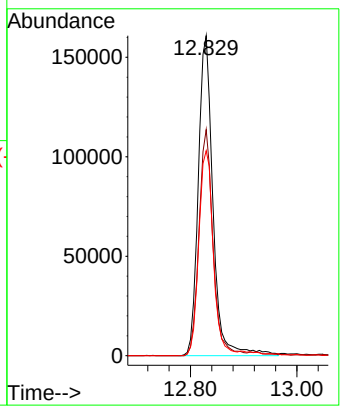


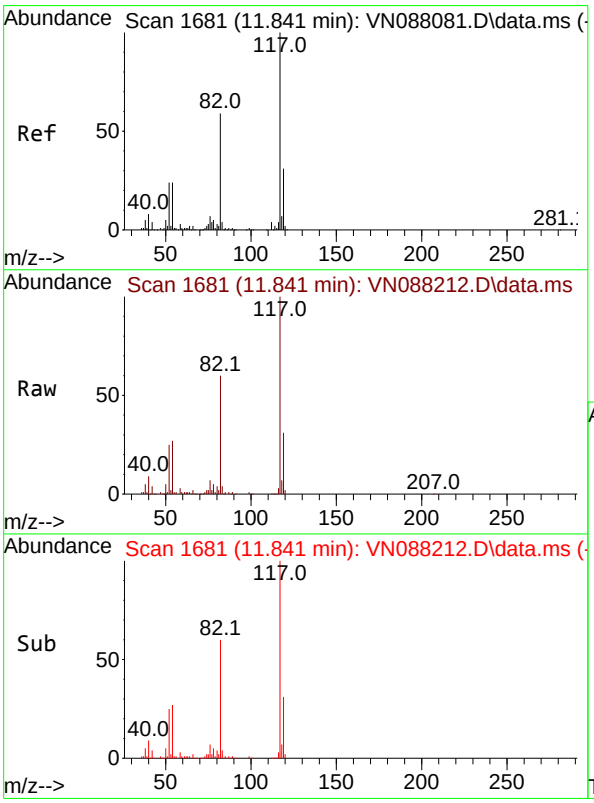
#62
4-Bromofluorobenzene
Concen: 57.272 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion: 95 Resp: 307824

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	138.4
176	63.1	0.0	132.6

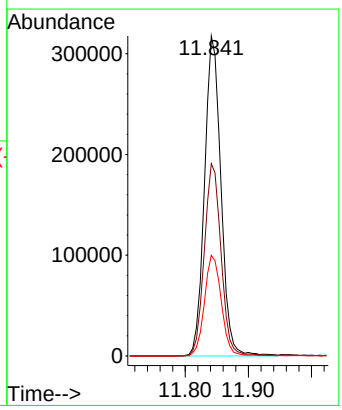


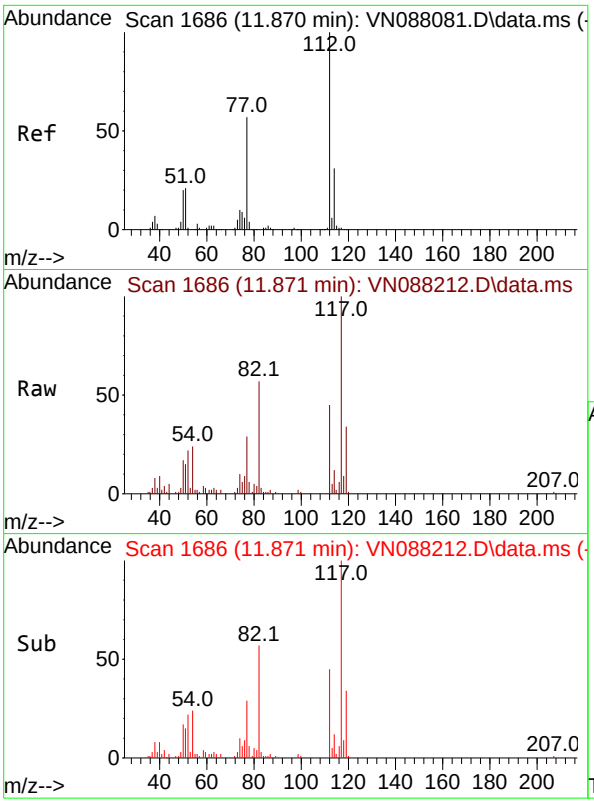


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion:117 Resp: 574358

Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.2
119	31.4	24.3	36.5



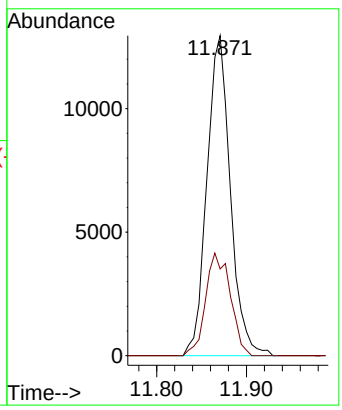


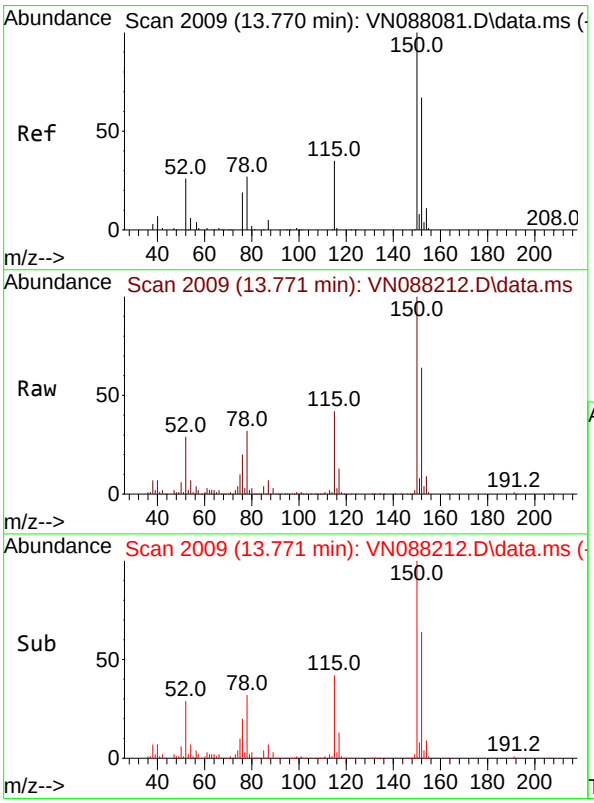
#65
Chlorobenzene
Concen: 1.801 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088212.D
Acq: 06 Nov 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
SY-10D

Tgt Ion:112 Resp: 23484

Ion	Ratio	Lower	Upper
112	100		
114	27.1	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: VN088212.D
Acq: 06 Nov 2025 17:14

Tgt Ion:152 Resp: 297689

Ion	Ratio	Lower	Upper
152	100		
115	64.5	32.3	96.8
150	154.3	0.0	351.0