Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088116.D
Acq On : 27 Oct 2025 15:56
Operator : JC\MD
Sample : Q3451-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-12

Quant Time: Oct 28 01:29:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	241150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	563402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	556355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	269948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	255482	61.267	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.540%			
35) Dibromofluoromethane	8.153	113	185549	49.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.040%			
50) Toluene-d8	10.547	98	672963	46.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.280%			
62) 4-Bromofluorobenzene	12.829	95	260924	50.659	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.320%			
Target Compounds						Qvalue
16) Acetone	4.430	43	41199	19.666	ug/l	94
20) Methylene Chloride	5.265	84	44480	14.203	ug/l	88
43) Isopropyl Acetate	8.677	43	31618	2.885	ug/l #	92

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

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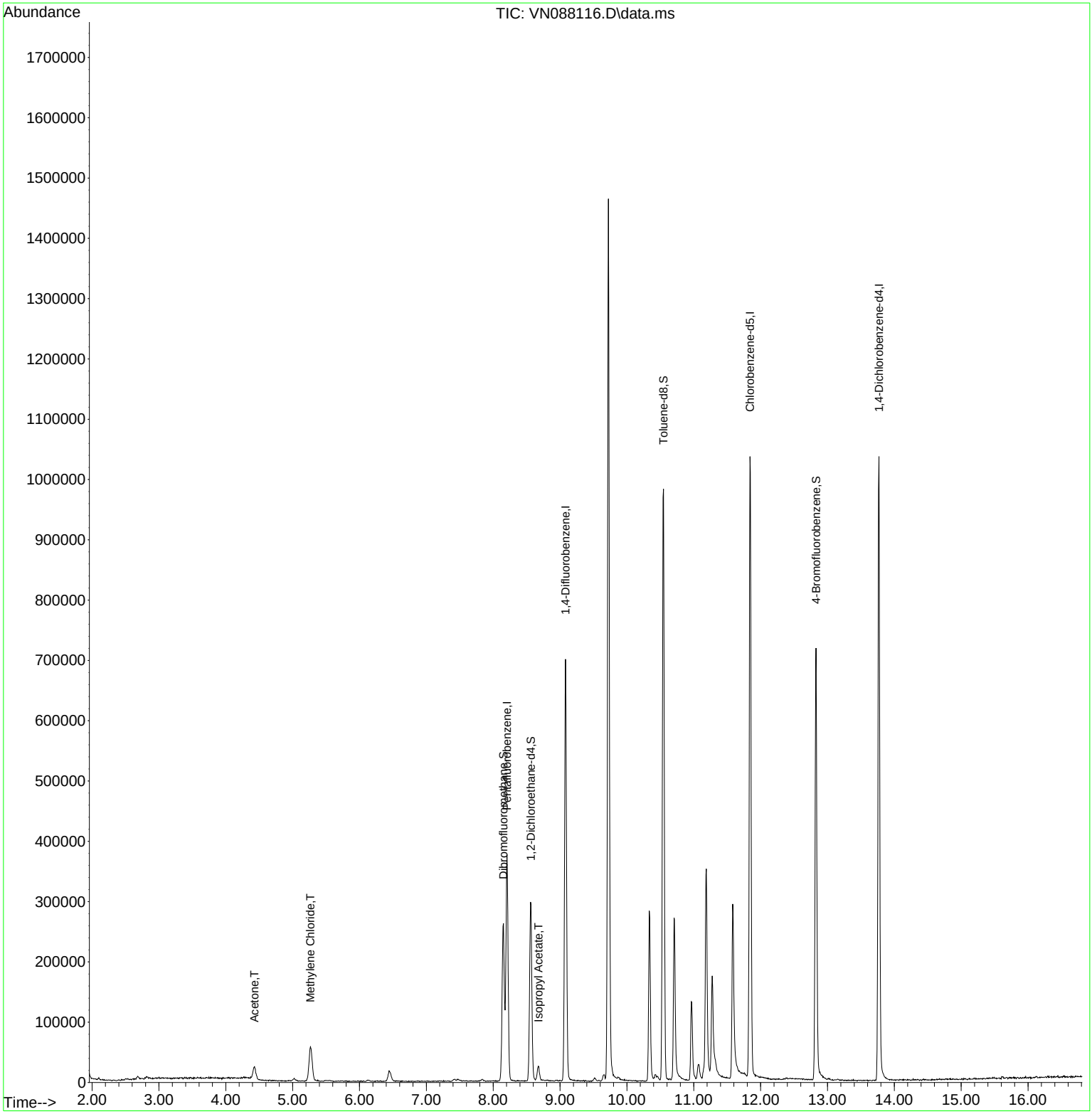
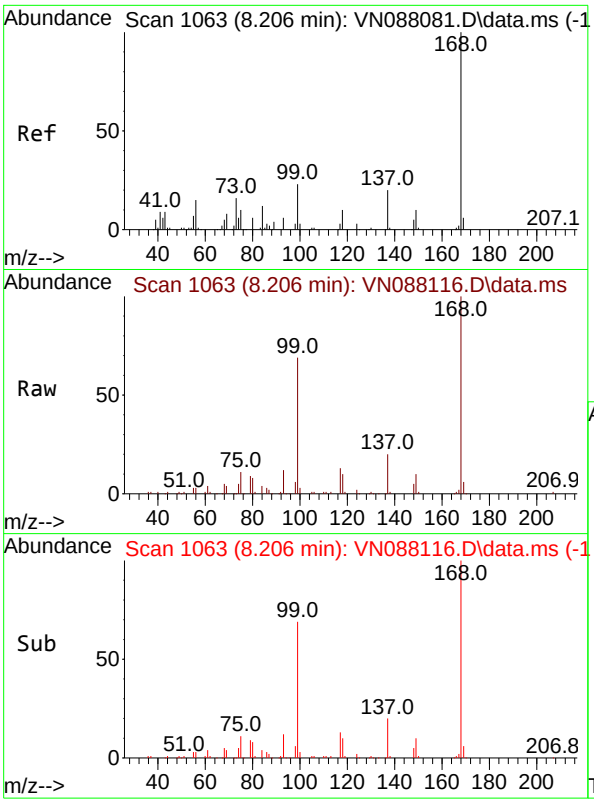


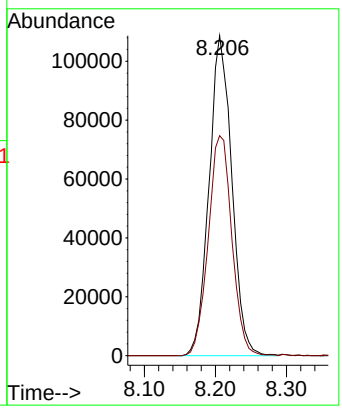


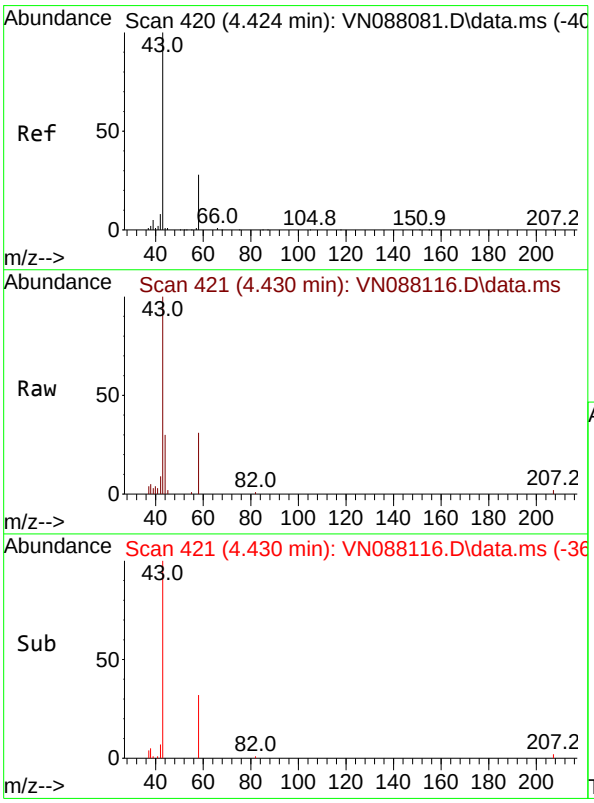
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :
TP-12

Tgt Ion:168 Resp: 241150

Ion	Ratio	Lower	Upper
168	100		
99	68.7	57.2	85.8

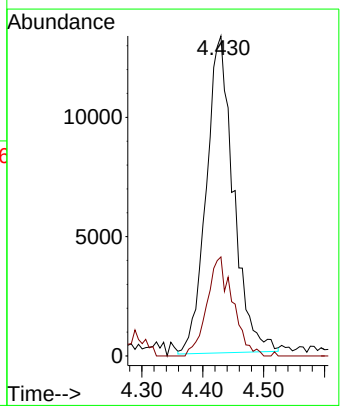


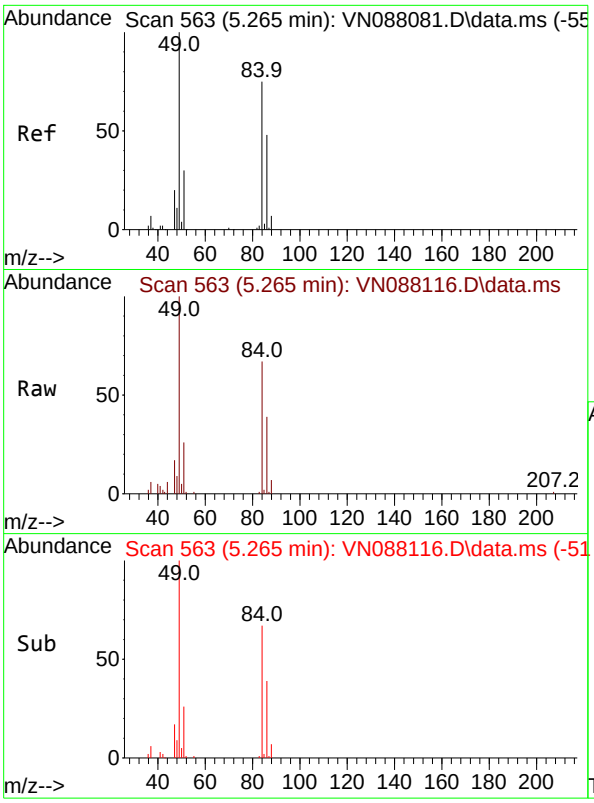


#16
Acetone
Concen: 19.666 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Tgt Ion: 43 Resp: 41199

Ion	Ratio	Lower	Upper
43	100		
58	31.4	22.6	33.8



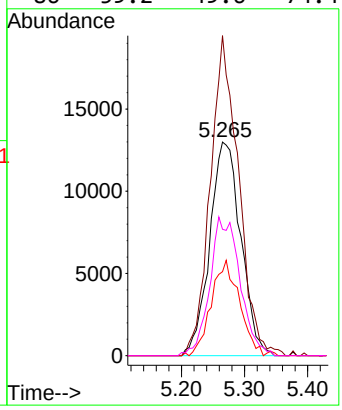


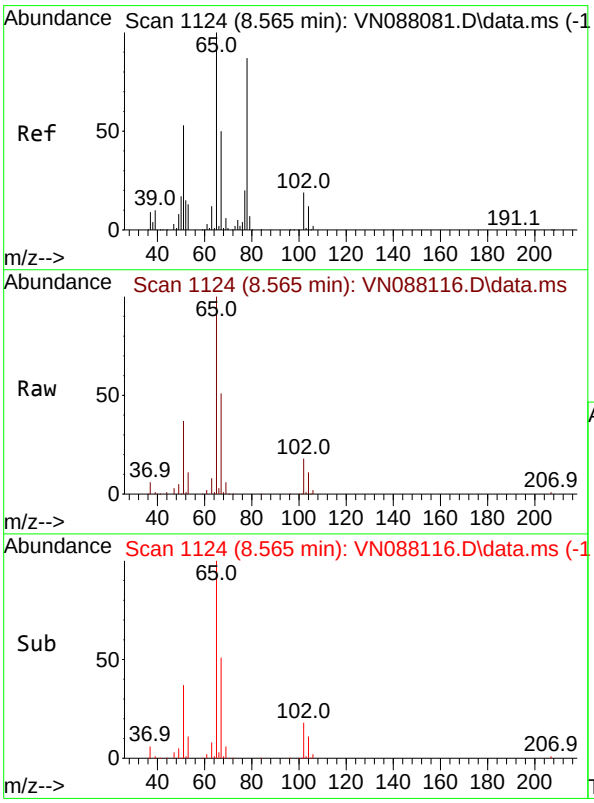
#20
Methylene Chloride
Concen: 14.203 ug/l
RT: 5.265 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :
TP-12

Tgt Ion: 84 Resp: 44480

Ion	Ratio	Lower	Upper
84	100		
49	149.8	103.4	155.2
51	39.3	33.8	50.8
86	59.2	49.6	74.4

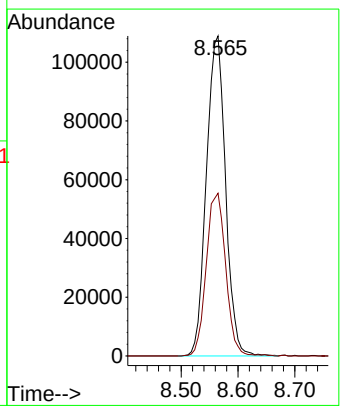


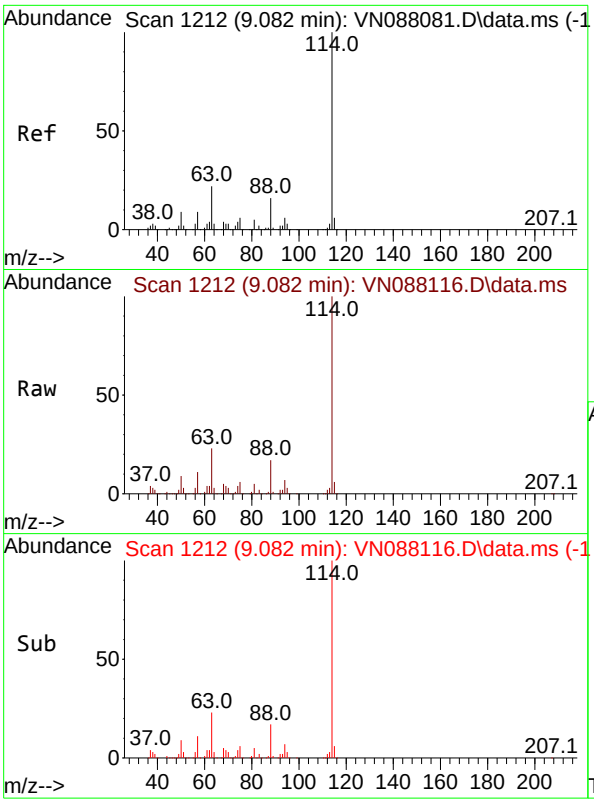


#33
1,2-Dichloroethane-d4
Concen: 61.267 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Tgt Ion: 65 Resp: 255482

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.0



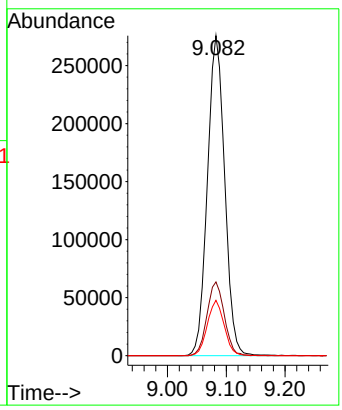


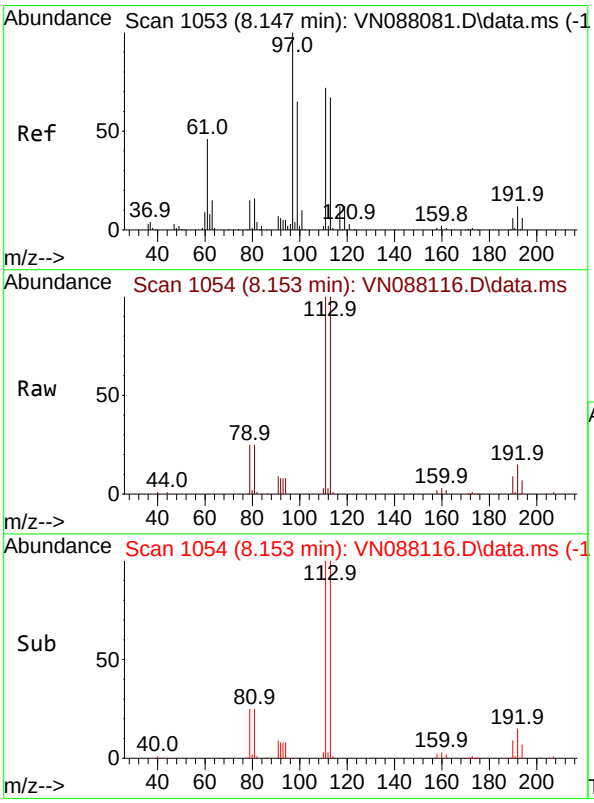
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :
TP-12

Tgt Ion:114 Resp: 563402

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	17.3	0.0	33.4

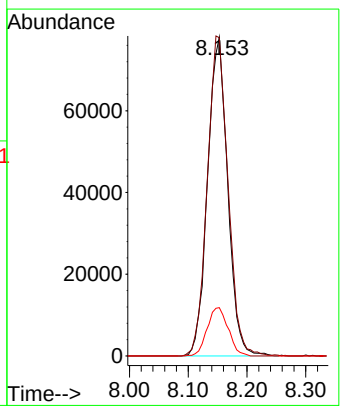


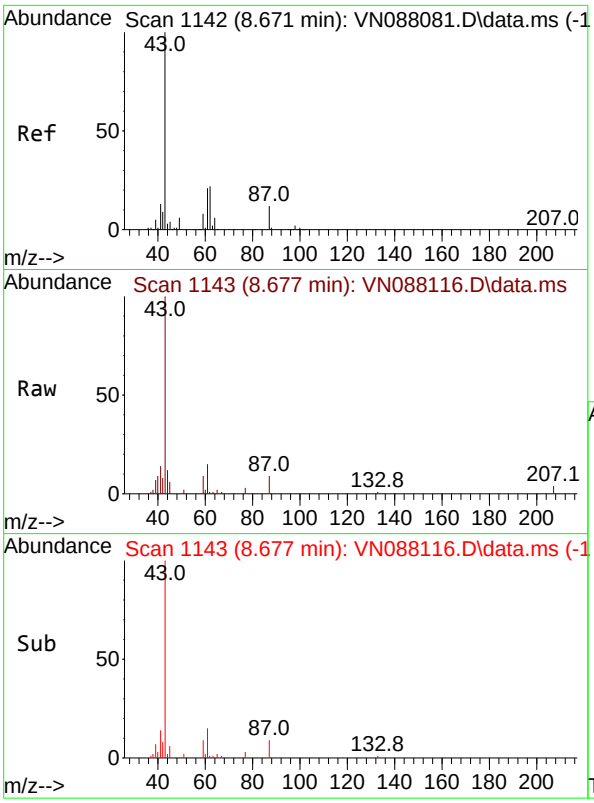


#35
Dibromofluoromethane
Concen: 49.023 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Tgt Ion:113 Resp: 185549

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	15.9	12.8	19.2



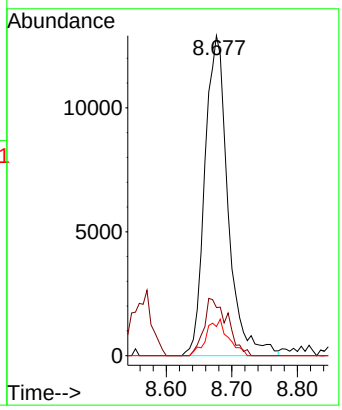


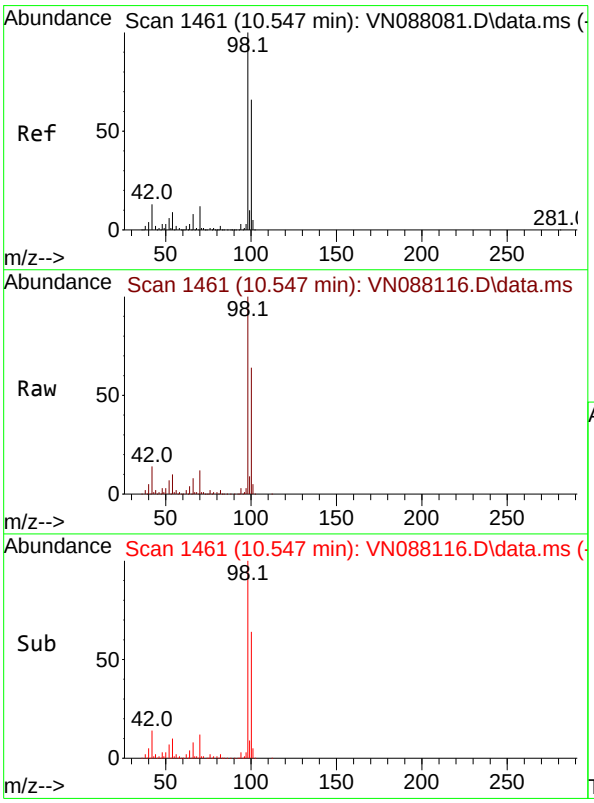
#43
Isopropyl Acetate
Concen: 2.885 ug/l
RT: 8.677 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :
TP-12

Tgt Ion: 43 Resp: 31618

Ion	Ratio	Lower	Upper
43	100		
61	18.3	18.8	28.2#
87	10.7	9.6	14.4

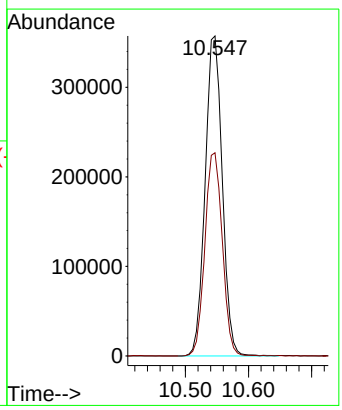


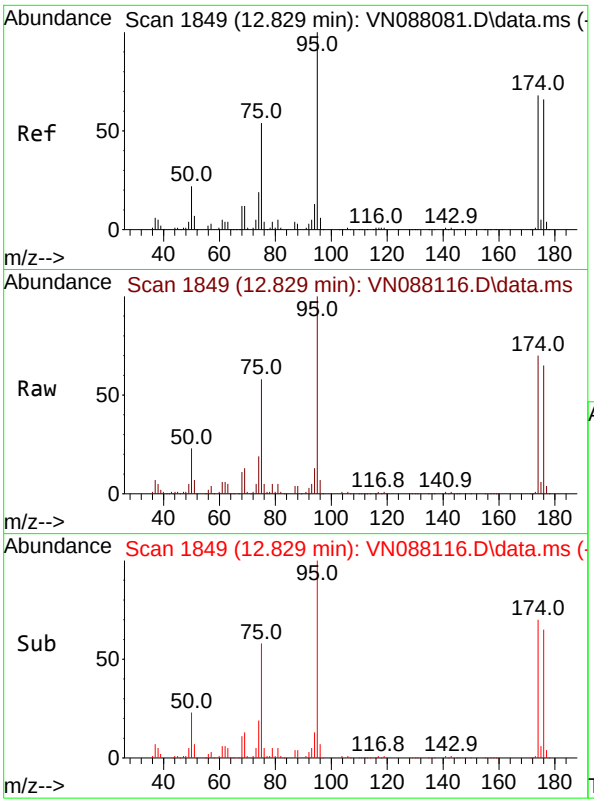


#50
Toluene-d8
Concen: 46.144 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Tgt Ion: 98 Resp: 672963

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.8	79.2



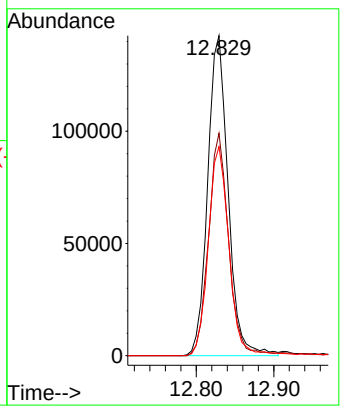


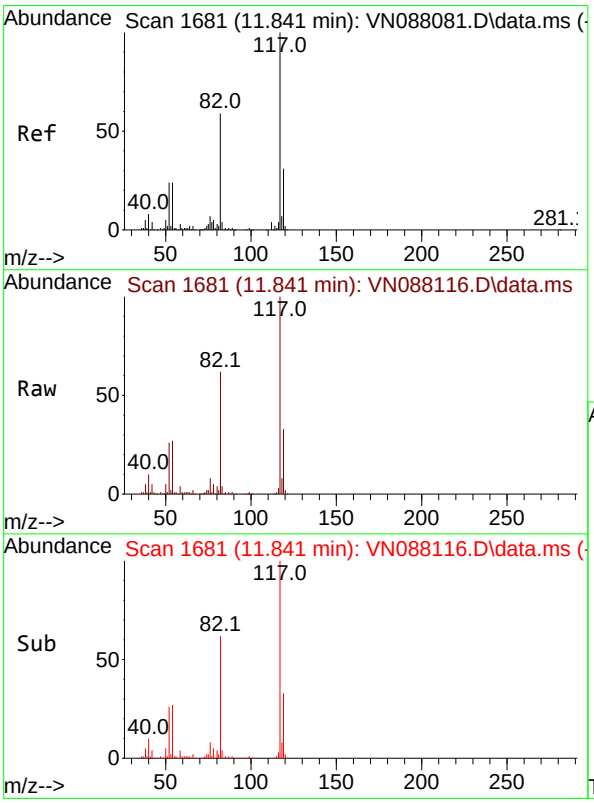
#62
4-Bromofluorobenzene
Concen: 50.659 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :
TP-12

Tgt Ion: 95 Resp: 260924

Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	138.4
176	66.3	0.0	132.6

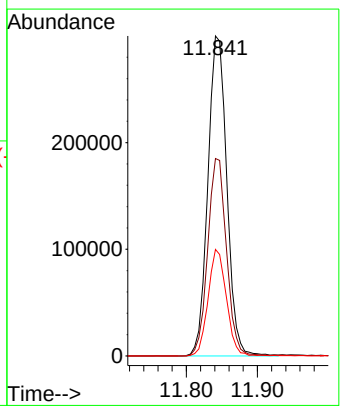


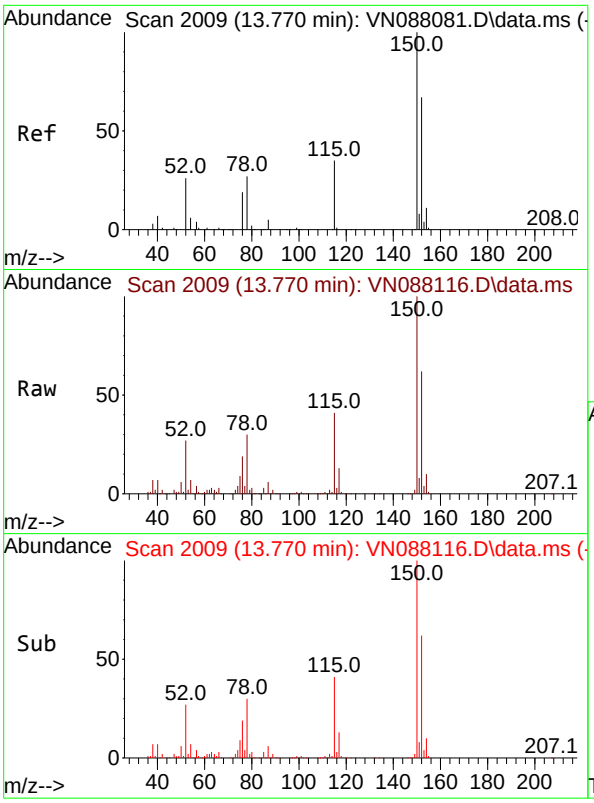


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Tgt Ion:117 Resp: 556355

Ion	Ratio	Lower	Upper
117	100		
82	61.7	47.4	71.2
119	33.3	24.3	36.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088116.D
Acq: 27 Oct 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :
TP-12

Tgt Ion:152 Resp: 269948

Ion	Ratio	Lower	Upper
152	100		
115	66.7	32.3	96.8
150	160.0	0.0	351.0