Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
Data File : VN087891.D
Acq On : 18 Sep 2025 13:06
Operator : JC\MD
Sample : Q3117-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
7211986-357

Quant Time: Sep 19 03:06:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	184561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	398335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	410578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	183828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	182258	48.198	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.400%			
35) Dibromofluoromethane	8.147	113	152025	52.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.720%			
50) Toluene-d8	10.547	98	524613	48.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.480%			
62) 4-Bromofluorobenzene	12.829	95	179161	46.802	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.600%			
Target Compounds						Qvalue
16) Acetone	4.424	43	132460	64.348	ug/l	97
18) Methyl Acetate	5.030	43	18881	4.381	ug/l #	83
20) Methylene Chloride	5.265	84	18260	5.016	ug/l	91
25) 2-Butanone	7.483	43	17737	6.549	ug/l	93
43) Isopropyl Acetate	8.683	43	20712	2.200	ug/l #	91

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

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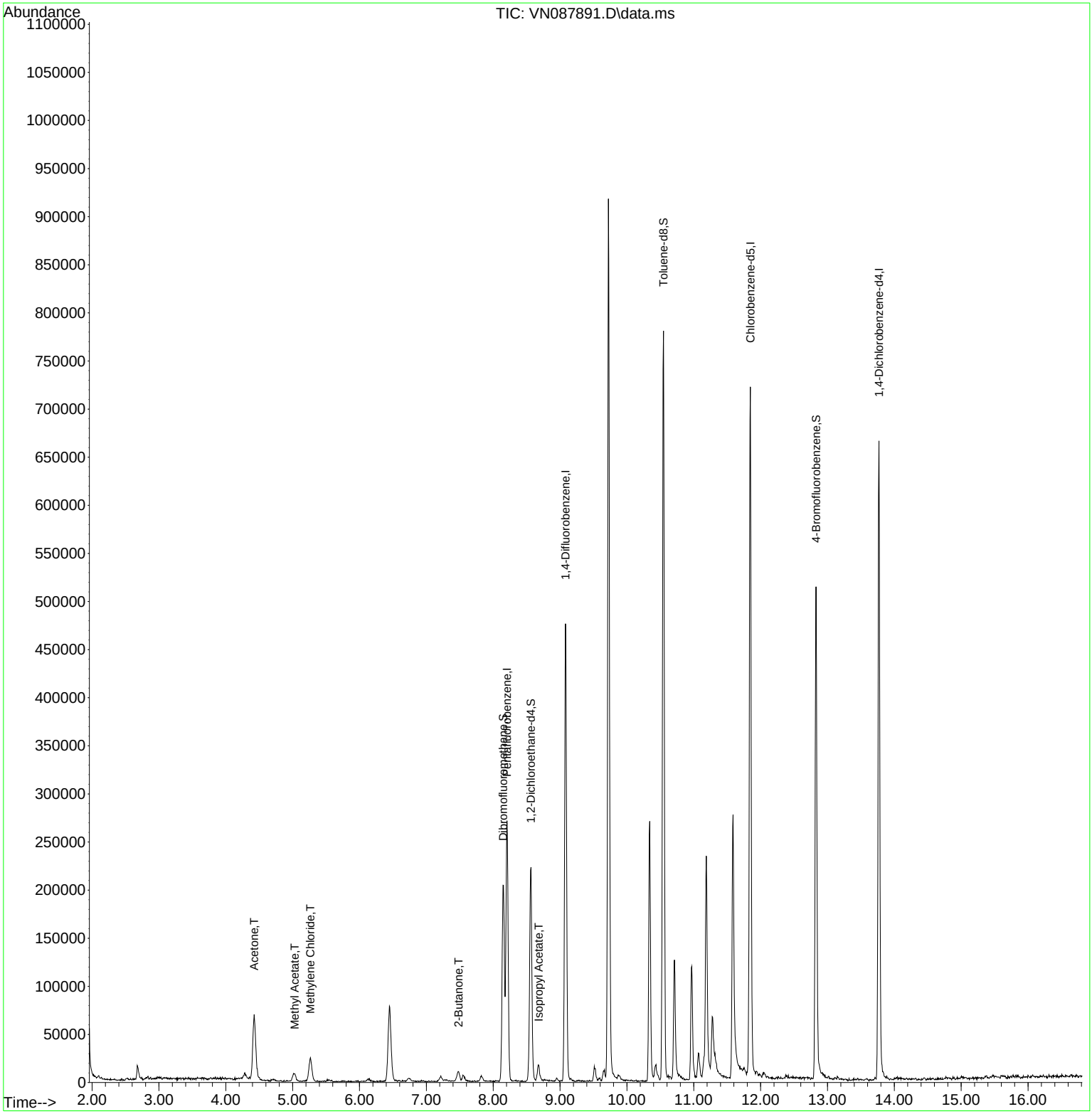
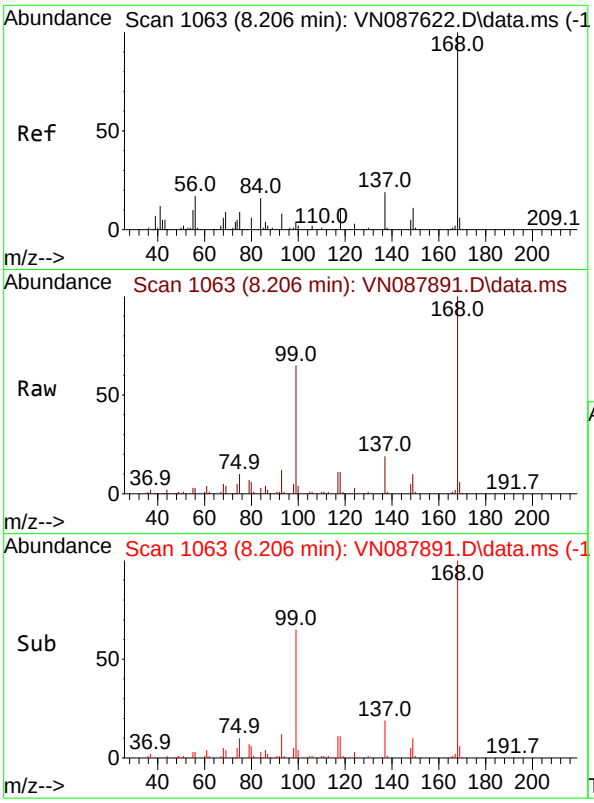


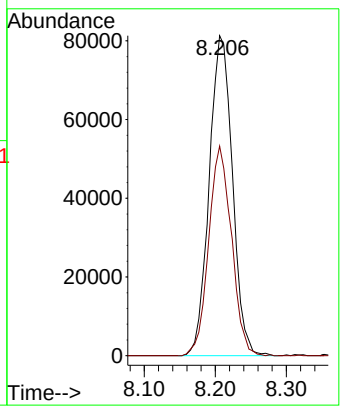


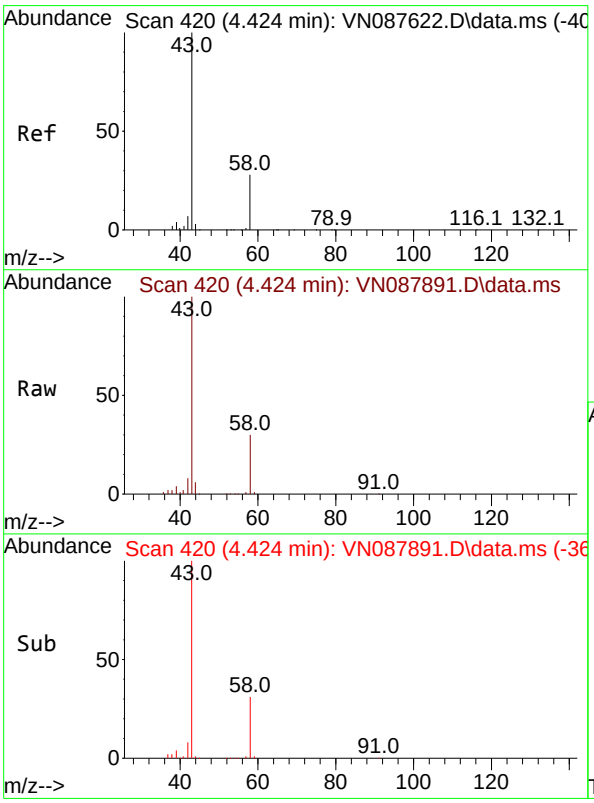
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :
7211986-357

Tgt Ion:168 Resp: 184561

Ion	Ratio	Lower	Upper
168	100		
99	65.5	57.2	85.8

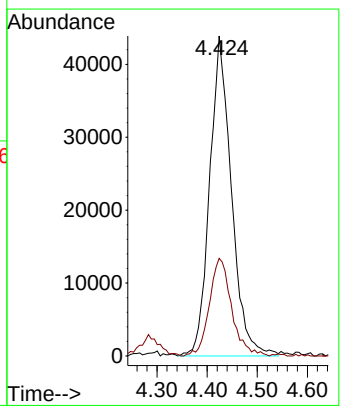


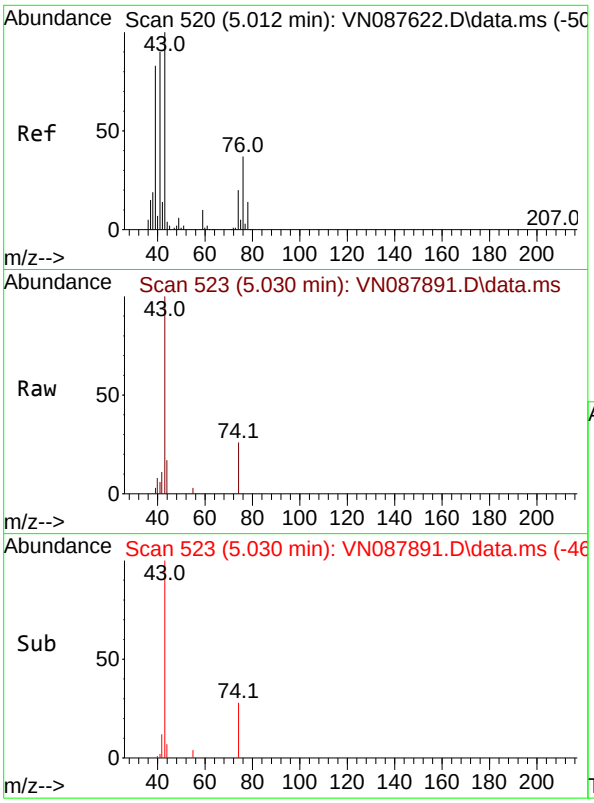


#16
Acetone
Concen: 64.348 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Tgt Ion: 43 Resp: 132460

Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.6	33.8



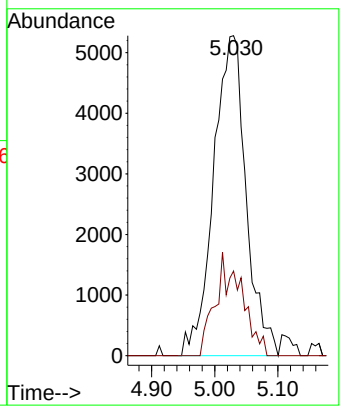


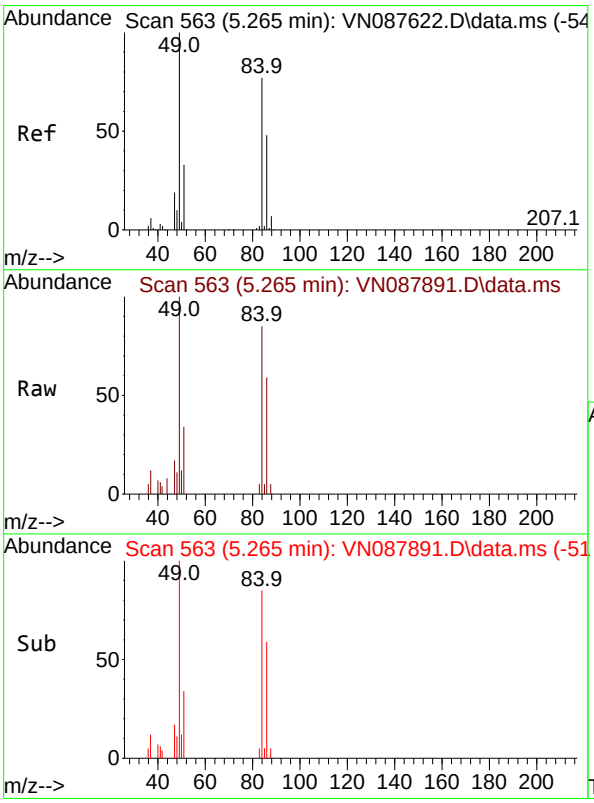
#18
Methyl Acetate
Concen: 4.381 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.018 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :
7211986-357

Tgt Ion: 43 Resp: 18881

Ion	Ratio	Lower	Upper
43	100		
74	14.0	17.6	26.4#

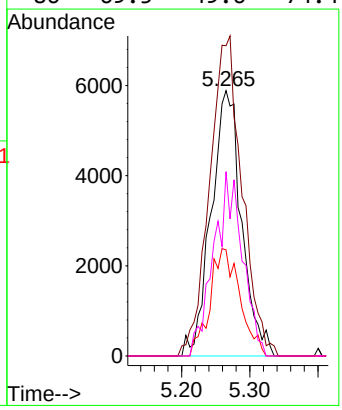


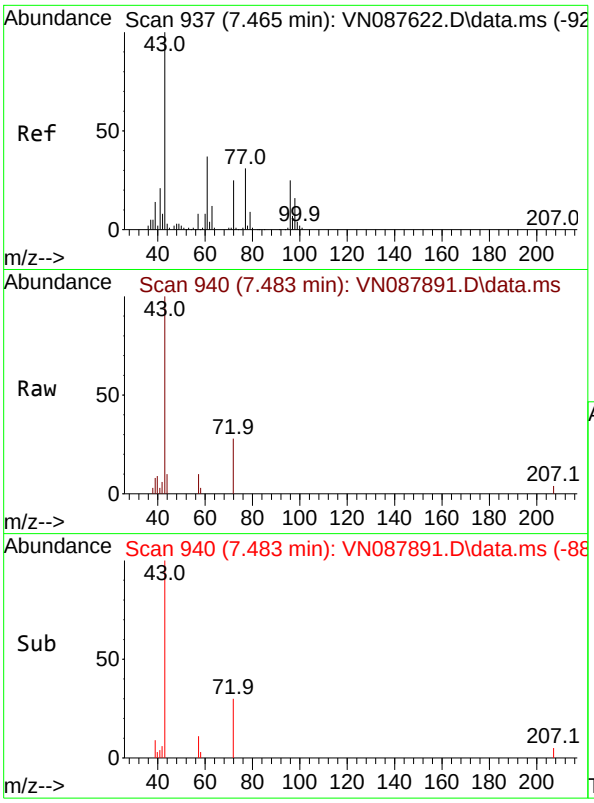


#20
Methylene Chloride
Concen: 5.016 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Tgt Ion: 84 Resp: 18260

Ion	Ratio	Lower	Upper
84	100		
49	117.0	103.4	155.2
51	40.0	33.8	50.8
86	69.5	49.6	74.4



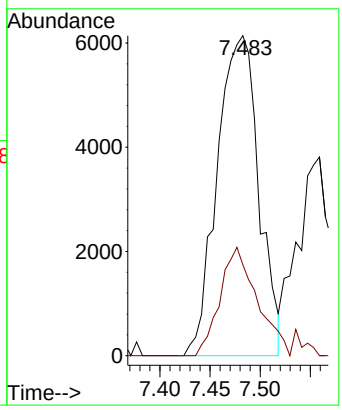


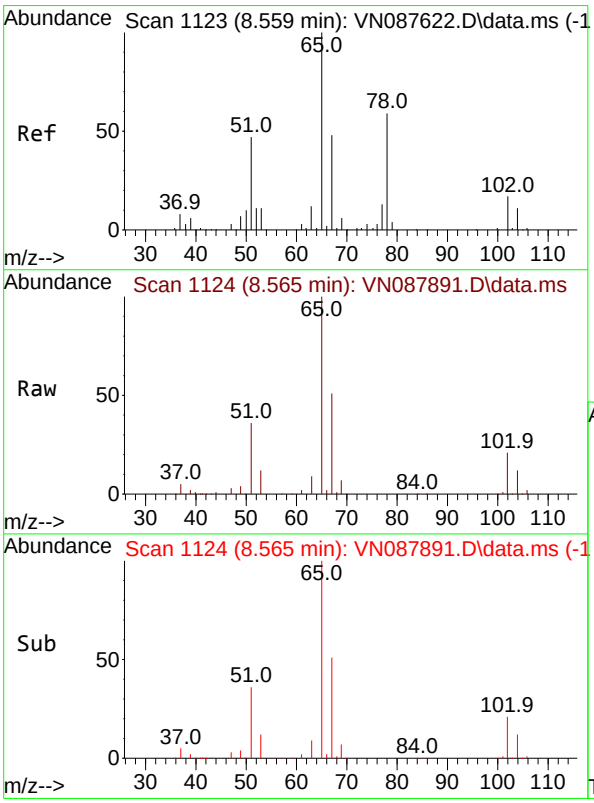
#25
2-Butanone
Concen: 6.549 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :
7211986-357

Tgt Ion: 43 Resp: 17737

Ion	Ratio	Lower	Upper
43	100		
72	28.4	19.9	29.9

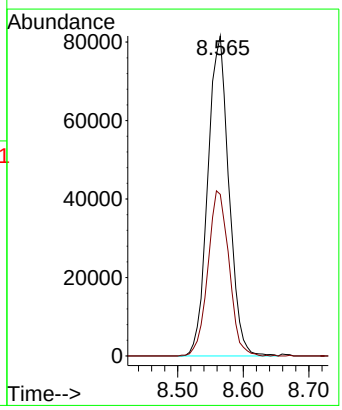


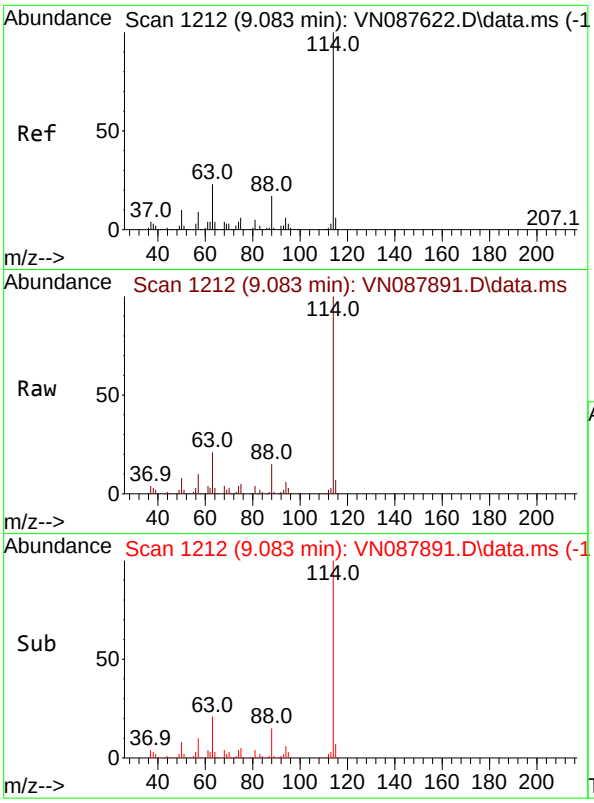


#33
1,2-Dichloroethane-d4
Concen: 48.198 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Tgt Ion: 65 Resp: 182258

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.0



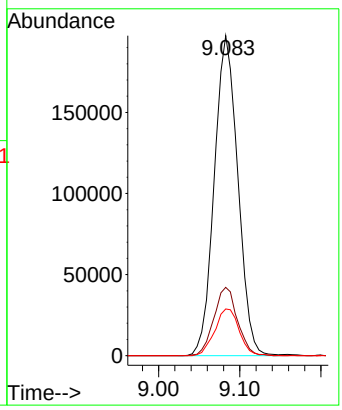


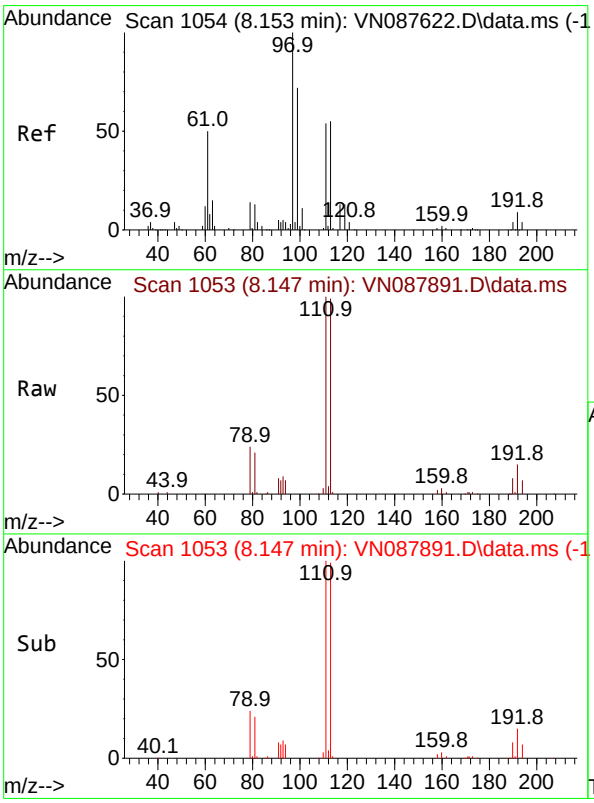
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :
7211986-357

Tgt Ion:114 Resp: 398335

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	45.2
88	14.6	0.0	33.4

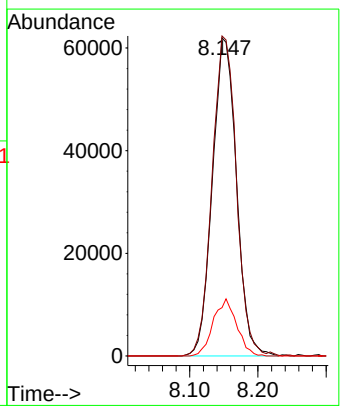


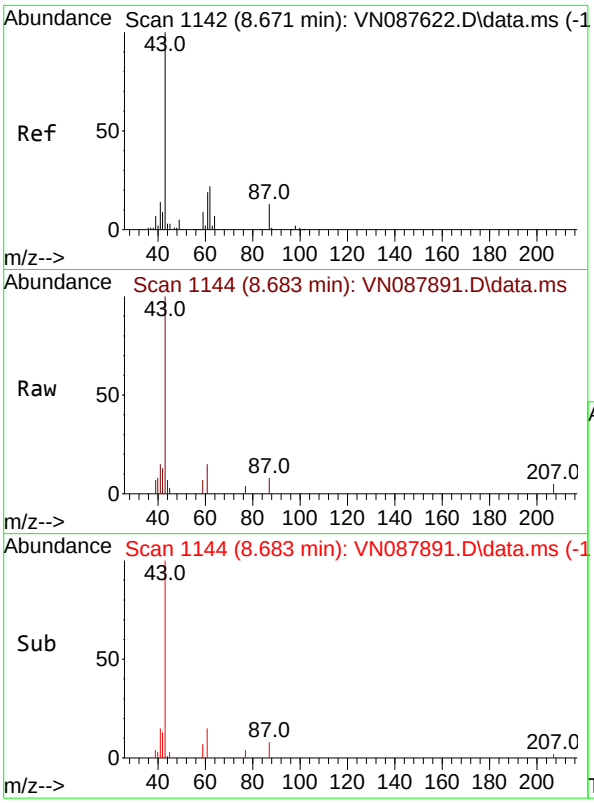


#35
Dibromofluoromethane
Concen: 52.860 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Tgt Ion:113 Resp: 152025

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	17.5	12.8	19.2



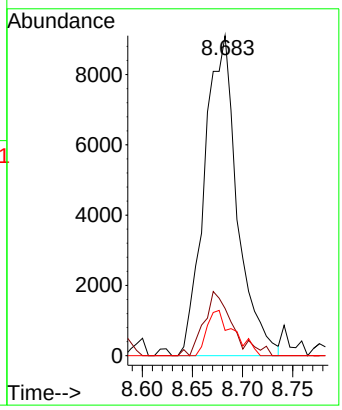


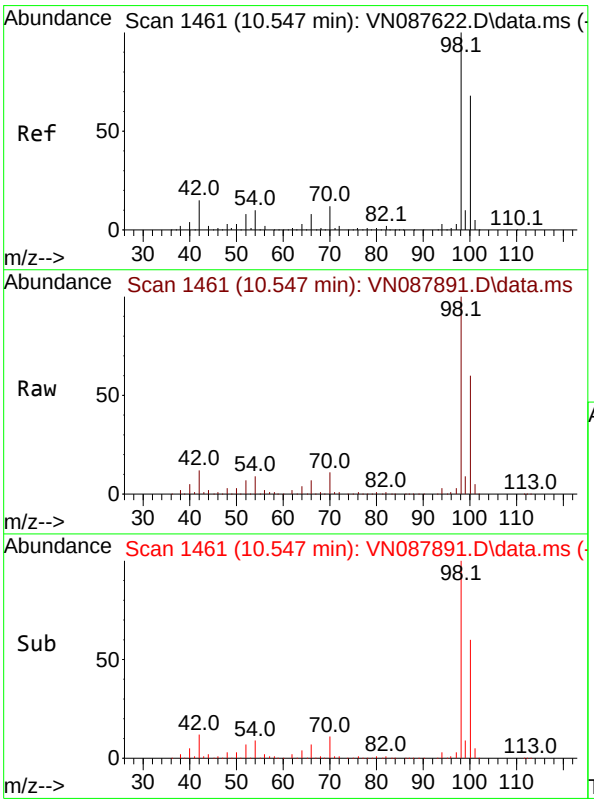
#43
Isopropyl Acetate
Concen: 2.200 ug/l
RT: 8.683 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :
7211986-357

Tgt Ion: 43 Resp: 20712

Ion	Ratio	Lower	Upper
43	100		
61	17.5	18.8	28.2#
87	11.5	9.6	14.4

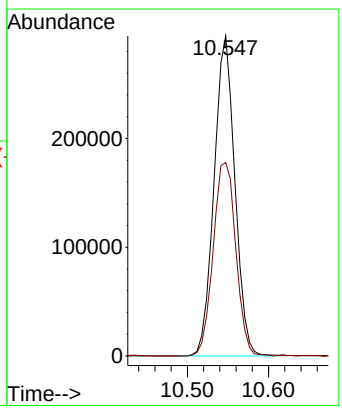


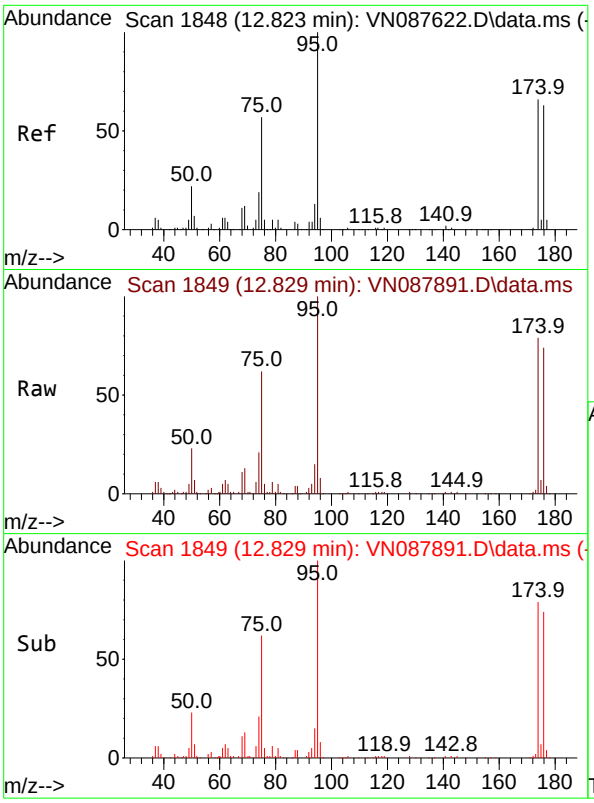


#50
Toluene-d8
Concen: 48.737 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Tgt Ion: 98 Resp: 524613

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.8	79.2



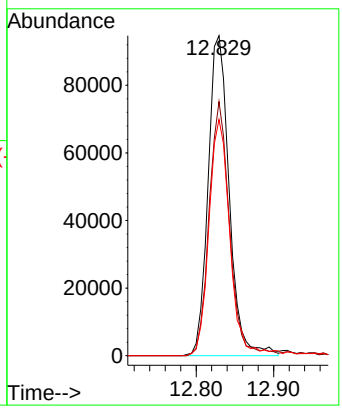


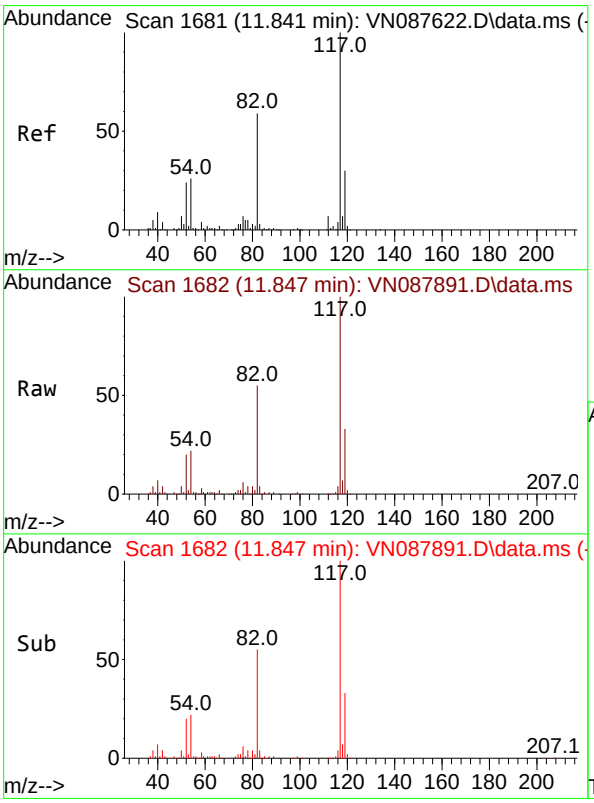
#62
4-Bromofluorobenzene
Concen: 46.802 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :
7211986-357

Tgt Ion: 95 Resp: 179161

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	138.4
176	73.8	0.0	132.6

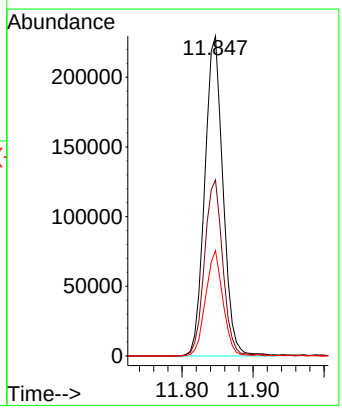


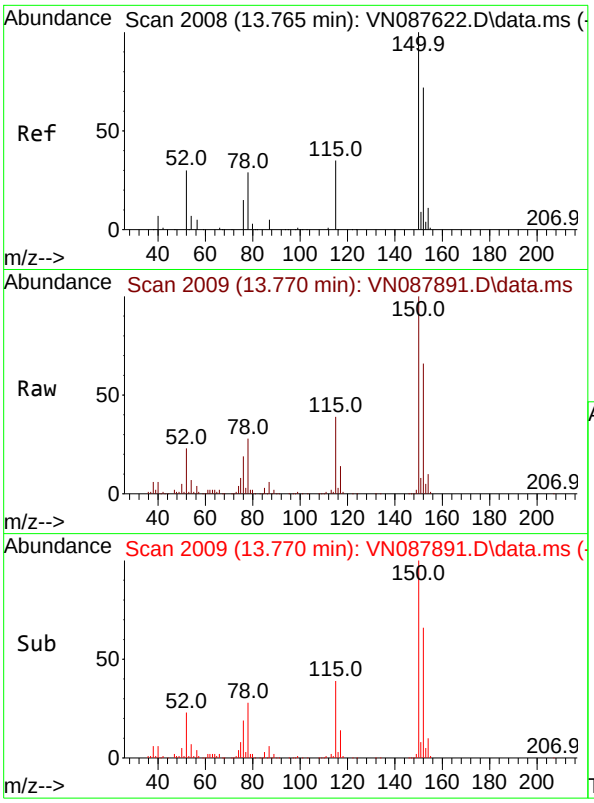


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087891.D
Acq: 18 Sep 2025 13:06

Tgt Ion:117 Resp: 410578

Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.4	71.2
119	33.0	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: VN087891.D
Acq: 18 Sep 2025 13:06

Instrument :
MSVOA_N
ClientSampleId :
7211986-357

Tgt Ion:152 Resp: 183828

Ion	Ratio	Lower	Upper
152	100		
115	61.1	32.3	96.8
150	159.2	0.0	351.0