Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087833.D
Acq On : 15 Sep 2025 13:38
Operator : JC\MD
Sample : Q3092-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
291376

Quant Time: Sep 16 01:36:24 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	169484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	394773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	406404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	181401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	189057	54.444	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	8.147	113	151770	53.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.500%			
50) Toluene-d8	10.547	98	532119	49.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.760%			
62) 4-Bromofluorobenzene	12.829	95	180259	47.513	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.020%			
Target Compounds						Qvalue
16) Acetone	4.424	43	140870	74.521	ug/l	93
18) Methyl Acetate	5.018	43	20985	5.302	ug/l #	74
20) Methylene Chloride	5.271	84	15537	4.554	ug/l #	81
25) 2-Butanone	7.477	43	23531	9.462	ug/l #	84
43) Isopropyl Acetate	8.677	43	21560	2.311	ug/l	95

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

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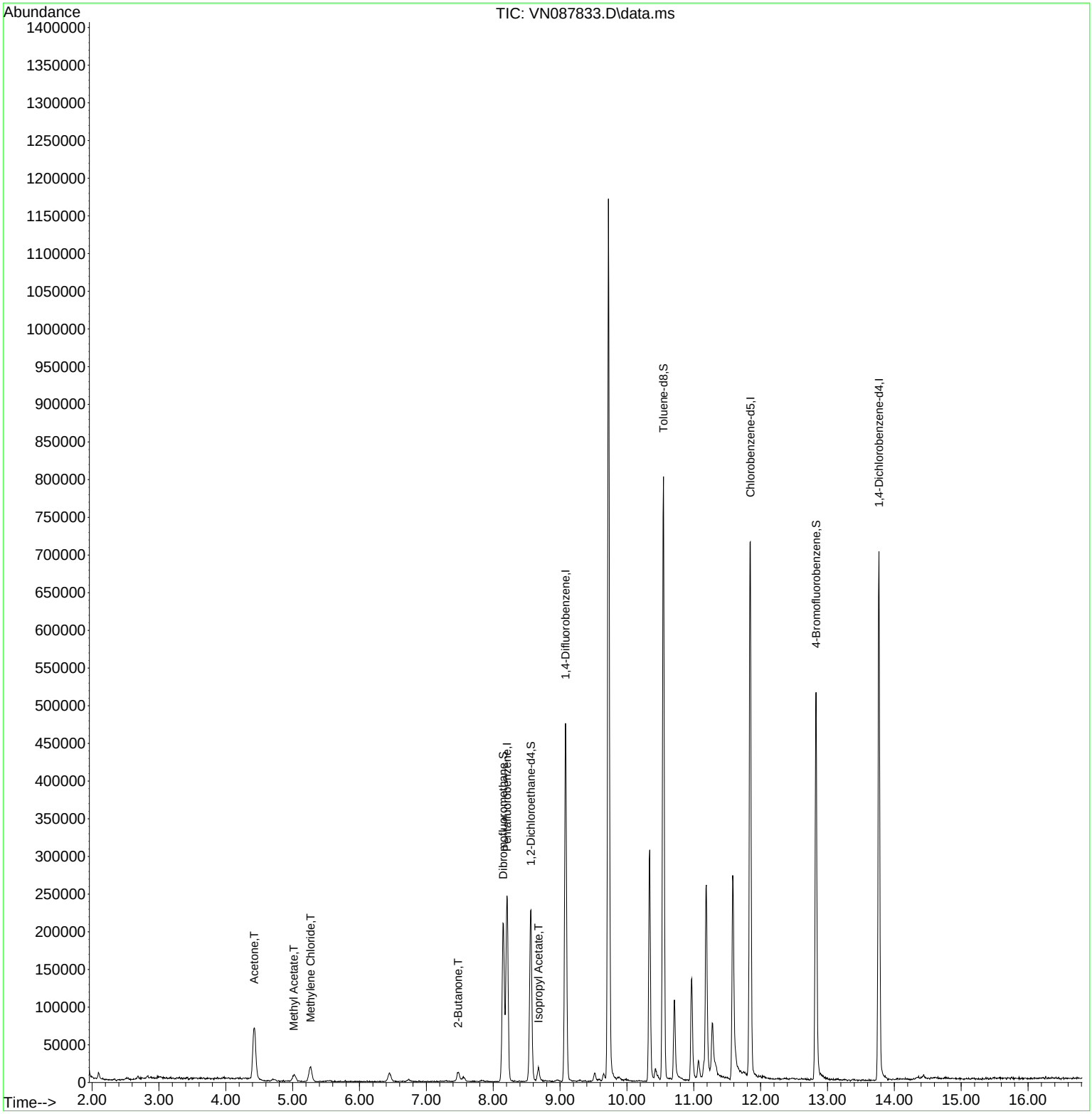
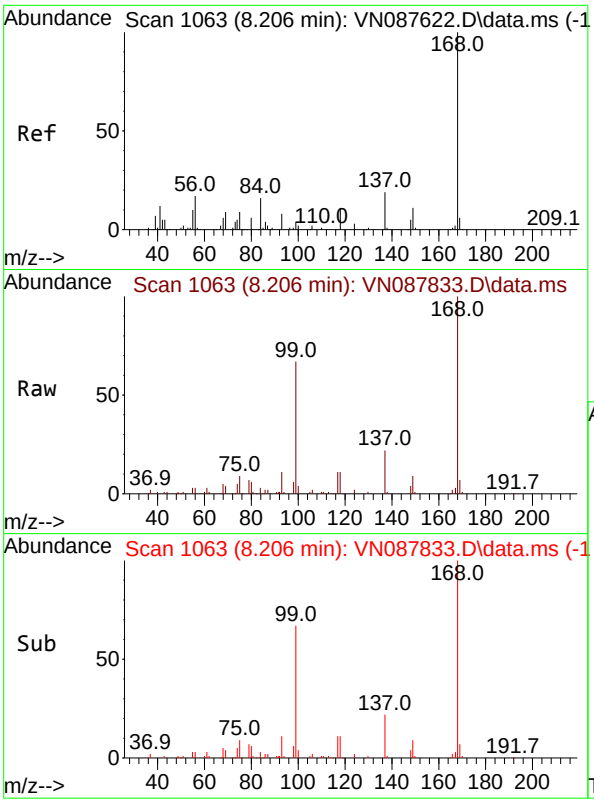


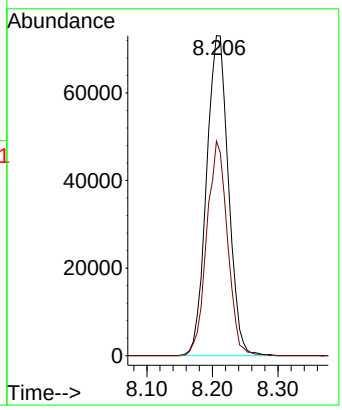


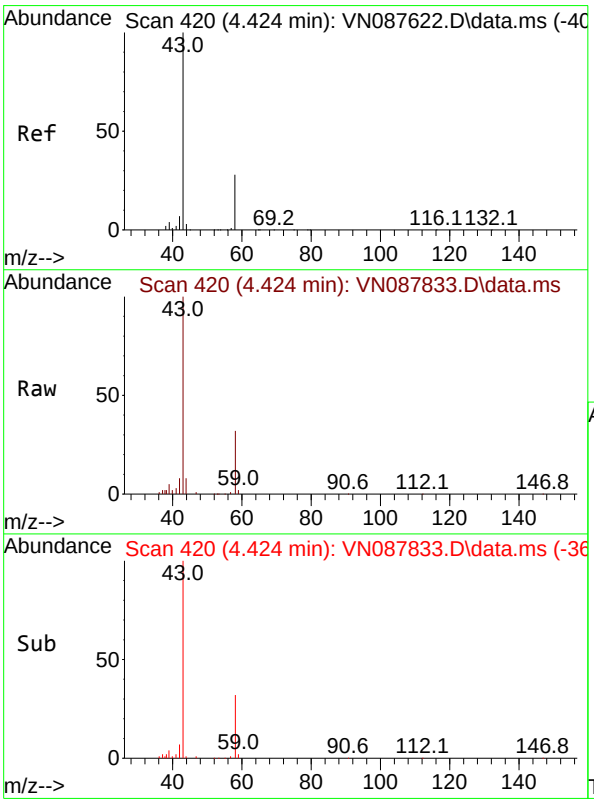
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion:168 Resp: 169484

Ion	Ratio	Lower	Upper
168	100		
99	67.1	57.2	85.8

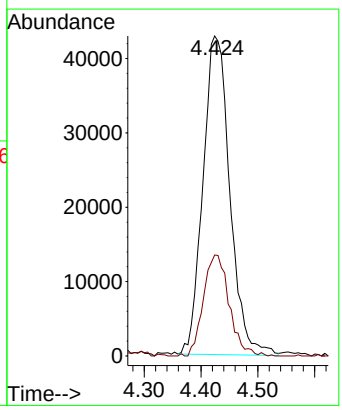


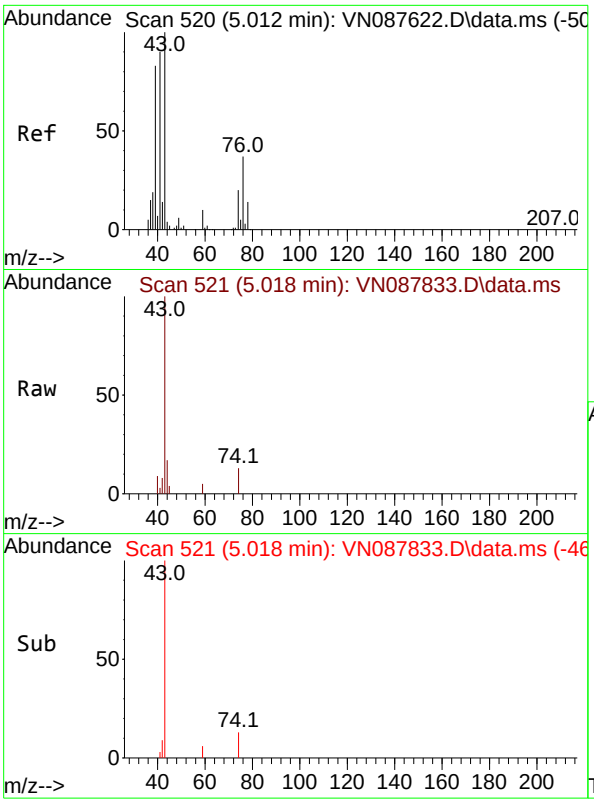


#16
Acetone
Concen: 74.521 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Tgt Ion: 43 Resp: 140870

Ion	Ratio	Lower	Upper
43	100		
58	31.8	22.6	33.8



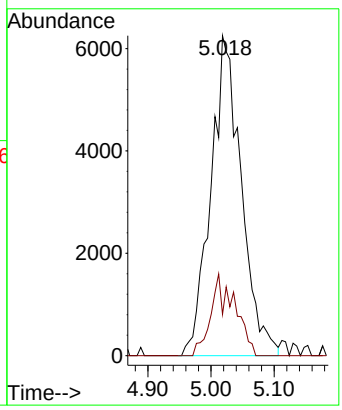


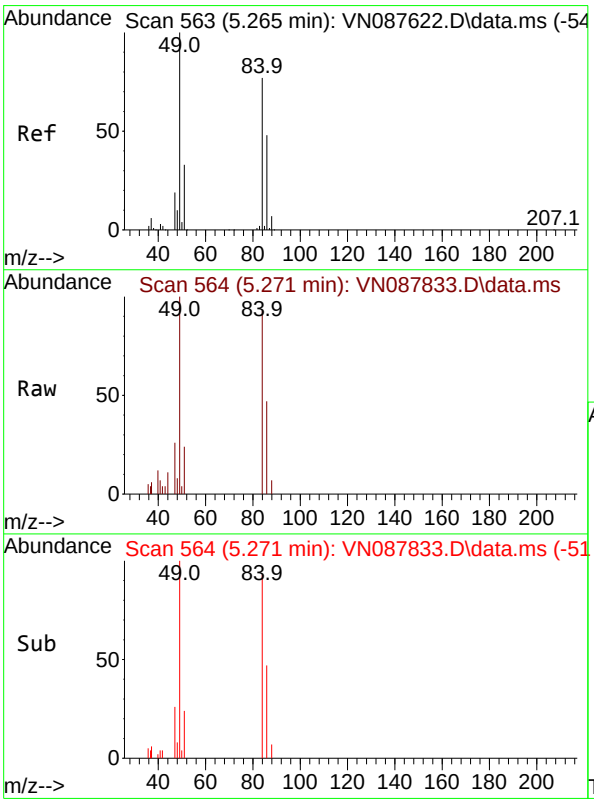
#18
Methyl Acetate
Concen: 5.302 ug/l
RT: 5.018 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion: 43 Resp: 20985

Ion	Ratio	Lower	Upper
43	100		
74	9.7	17.6	26.4#

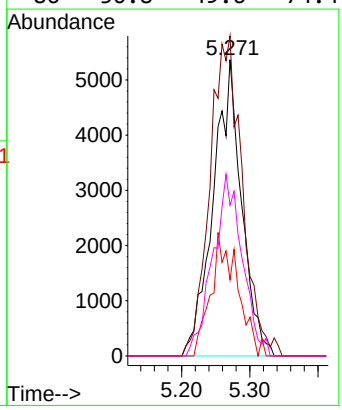


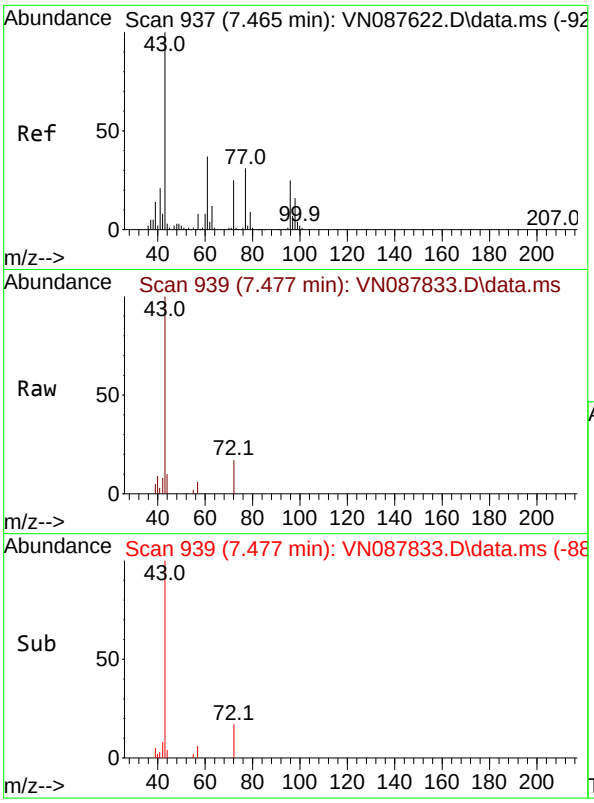


#20
Methylene Chloride
Concen: 4.554 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Tgt Ion: 84 Resp: 15537

Ion	Ratio	Lower	Upper
84	100		
49	108.0	103.4	155.2
51	25.7	33.8	50.8#
86	50.8	49.6	74.4



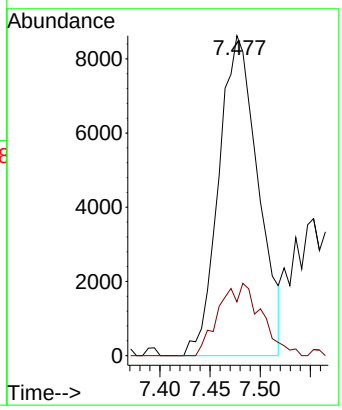


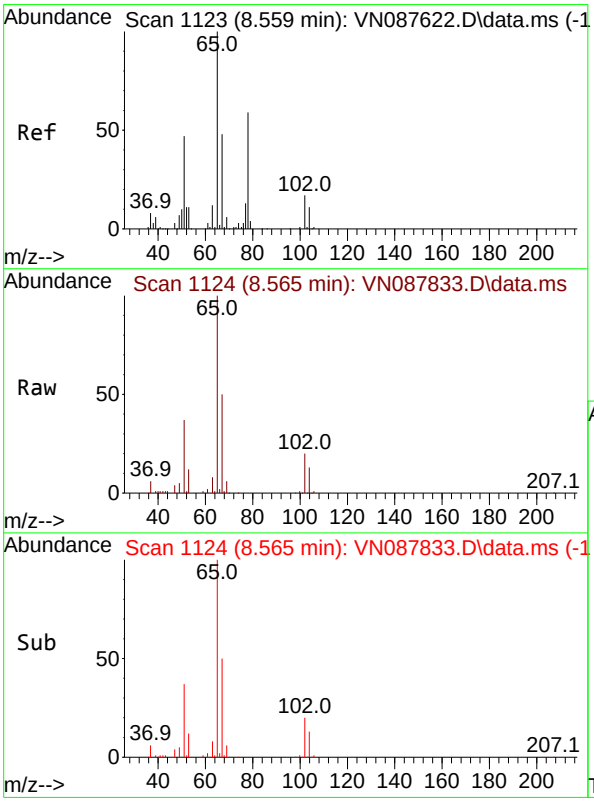
#25
2-Butanone
Concen: 9.462 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion: 43 Resp: 23531

Ion	Ratio	Lower	Upper
43	100		
72	16.8	19.9	29.9#

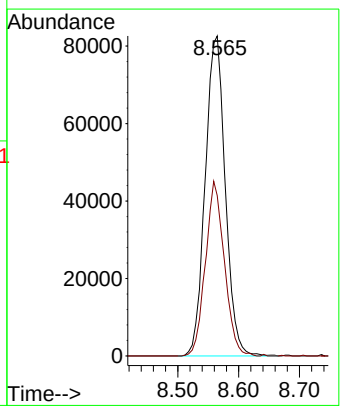


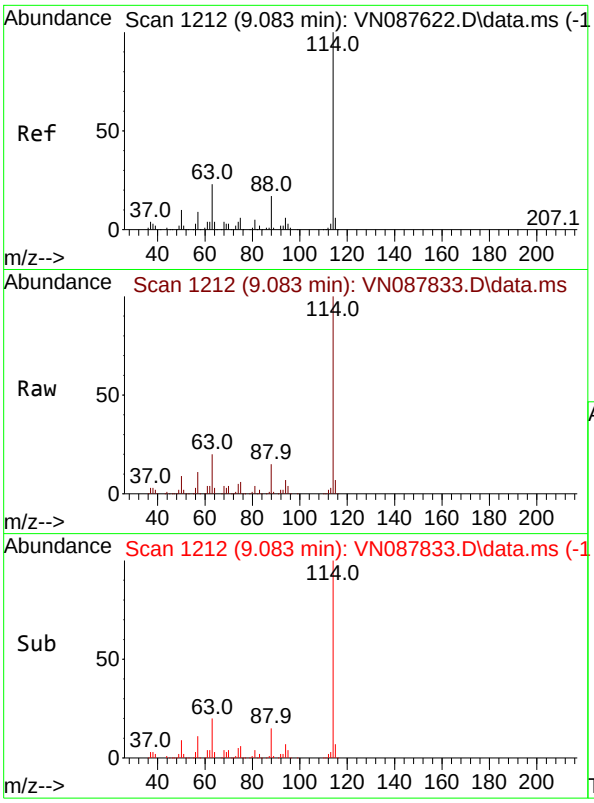


#33
1,2-Dichloroethane-d4
Concen: 54.444 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Tgt Ion: 65 Resp: 189057

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.0



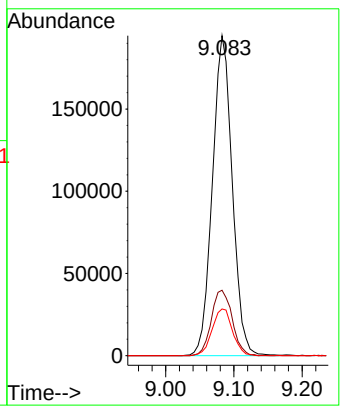


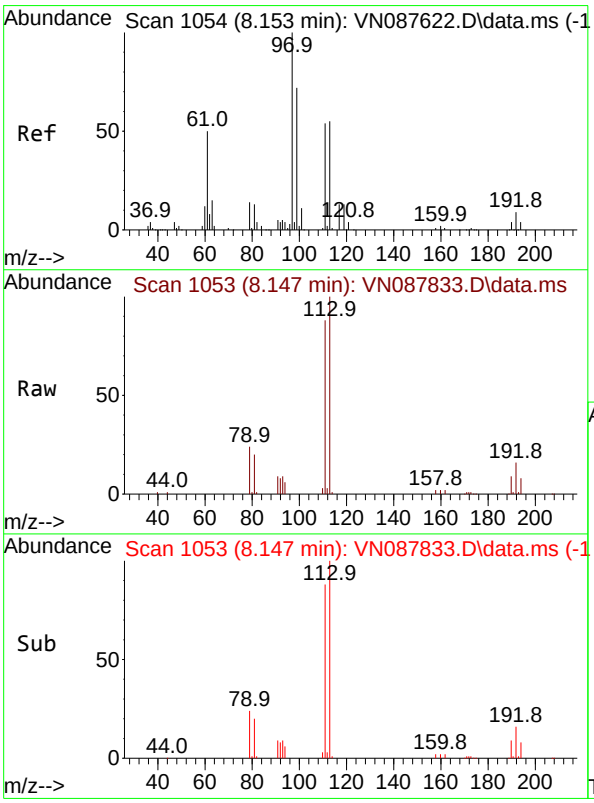
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion:114 Resp: 394773

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	45.2
88	14.6	0.0	33.4

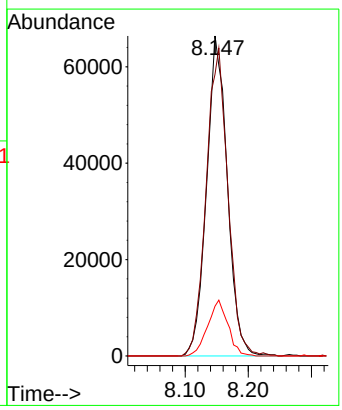


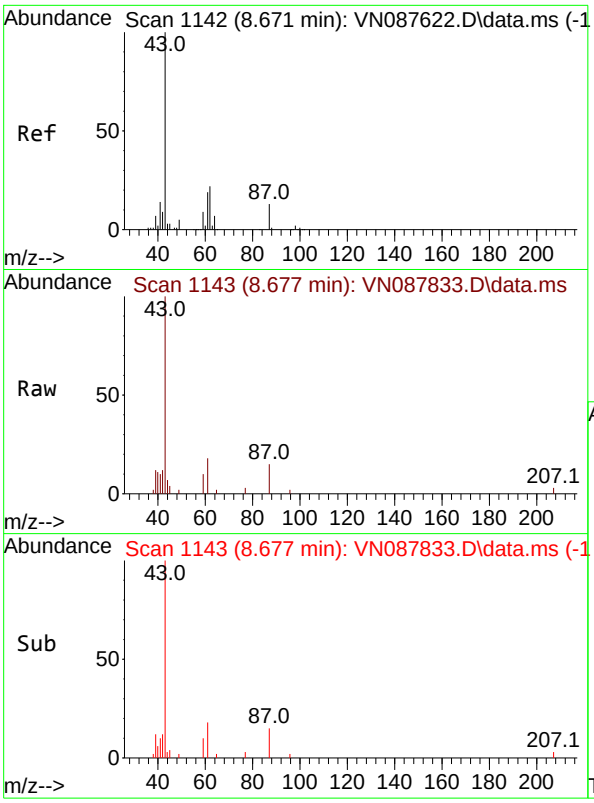


#35
Dibromofluoromethane
Concen: 53.248 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Tgt Ion:113 Resp: 151770

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.8	124.2
192	17.1	12.8	19.2



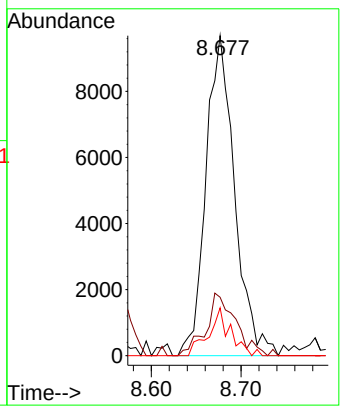


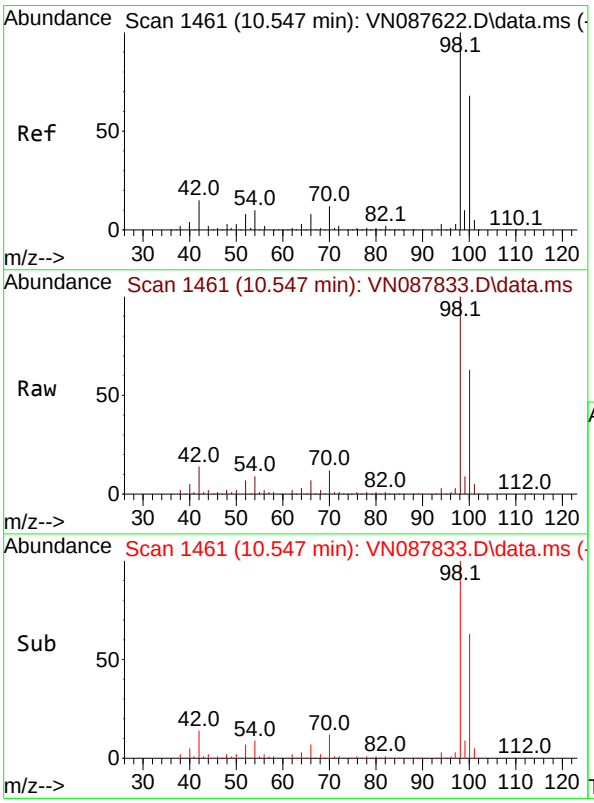
#43
Isopropyl Acetate
Concen: 2.311 ug/l
RT: 8.677 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion: 43 Resp: 21560

Ion	Ratio	Lower	Upper
43	100		
61	20.1	18.8	28.2
87	11.5	9.6	14.4

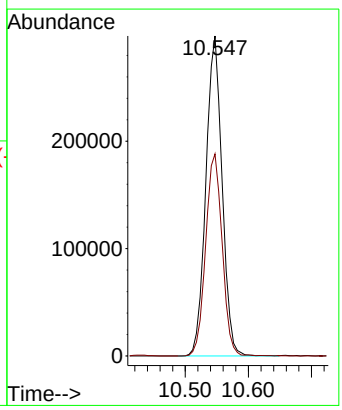


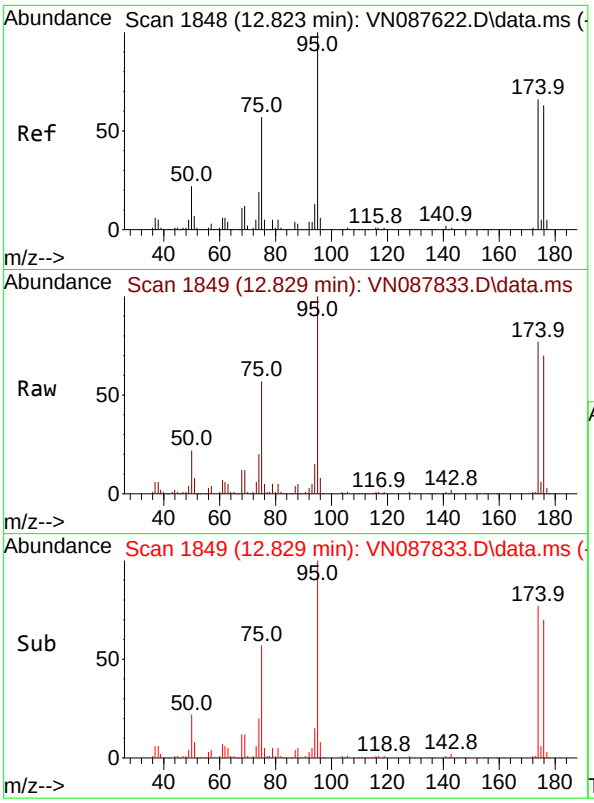


#50
Toluene-d8
Concen: 49.880 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Tgt Ion: 98 Resp: 532119

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.8	79.2



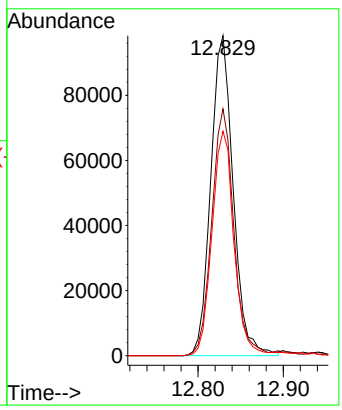


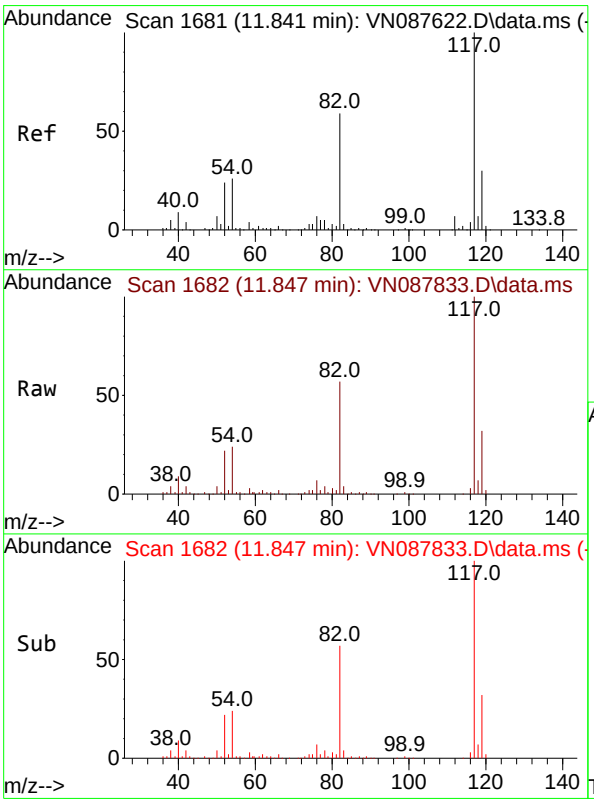
#62
4-Bromofluorobenzene
Concen: 47.513 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion: 95 Resp: 180259

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	138.4
176	69.3	0.0	132.6

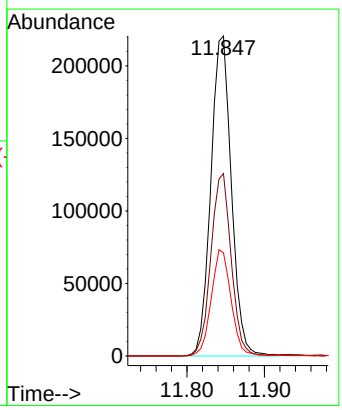


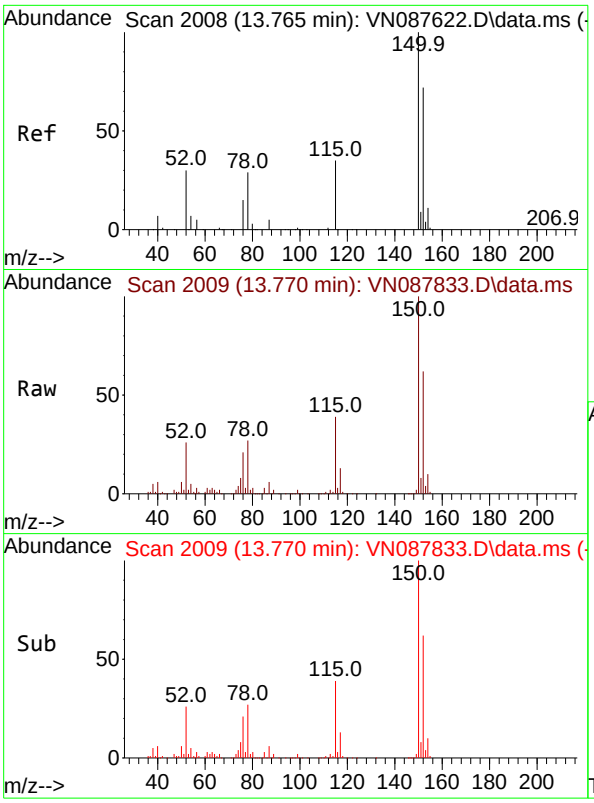


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087833.D
Acq: 15 Sep 2025 13:38

Tgt Ion:117 Resp: 406404

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.4	71.2
119	32.2	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: VN087833.D
Acq: 15 Sep 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion:152 Resp: 181401

Ion	Ratio	Lower	Upper
152	100		
115	62.9	32.3	96.8
150	159.9	0.0	351.0