Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087834.D
Acq On : 15 Sep 2025 13:59
Operator : JC\MD
Sample : Q3092-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
291376

Quant Time: Sep 16 01:36:58 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	170547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	375163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	377116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	169450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	177354	50.755	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.520%			
35) Dibromofluoromethane	8.153	113	144073	53.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.380%			
50) Toluene-d8	10.547	98	500185	49.337	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.680%			
62) 4-Bromofluorobenzene	12.829	95	170787	47.370	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.740%			
Target Compounds						Qvalue
16) Acetone	4.424	43	166517	87.540	ug/l	97
18) Methyl Acetate	5.018	43	17769	4.461	ug/l	100
20) Methylene Chloride	5.271	84	15134	4.368	ug/l #	92
25) 2-Butanone	7.477	43	25408	10.153	ug/l	97
43) Isopropyl Acetate	8.671	43	14751	1.664	ug/l #	80

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

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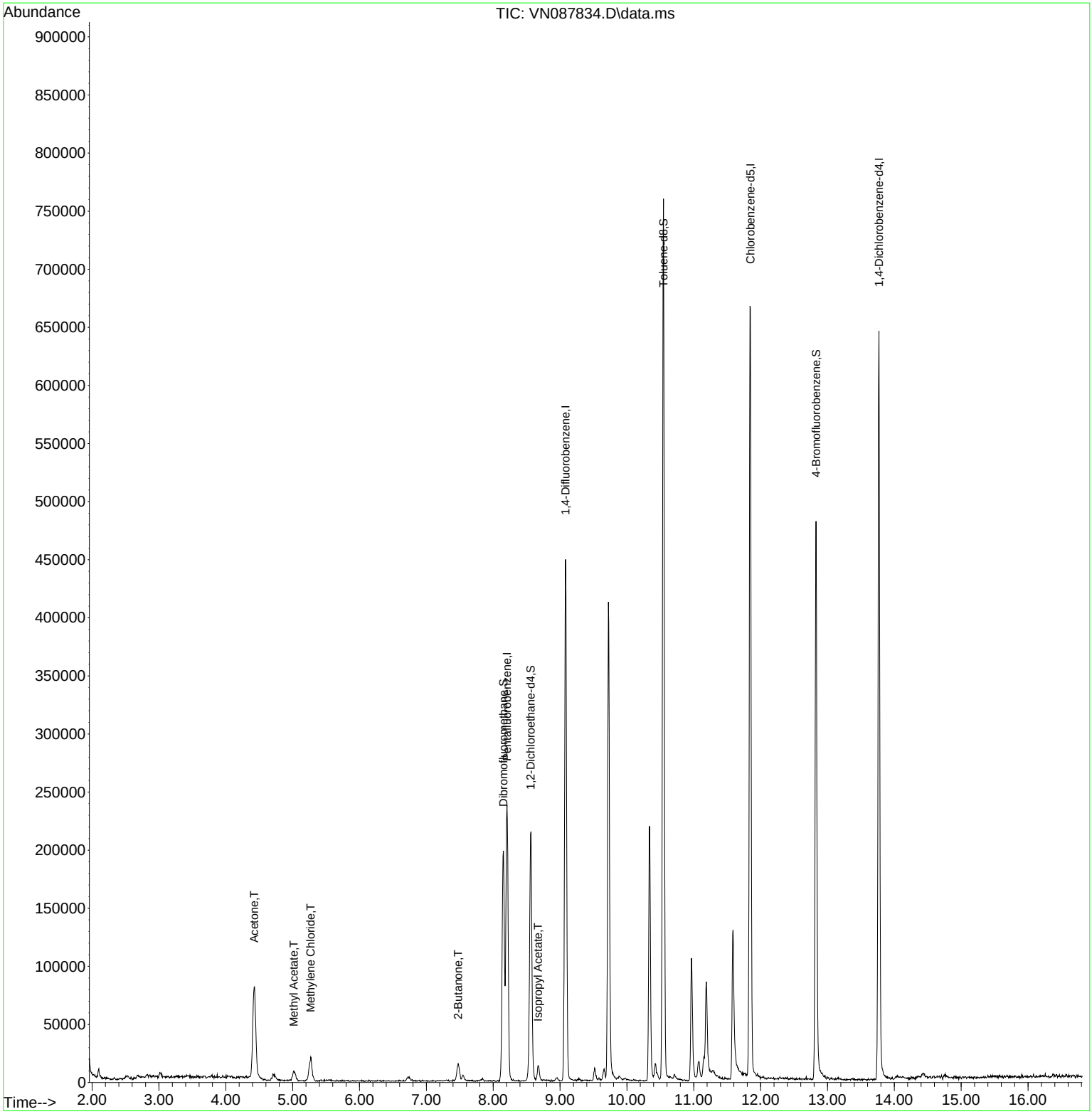
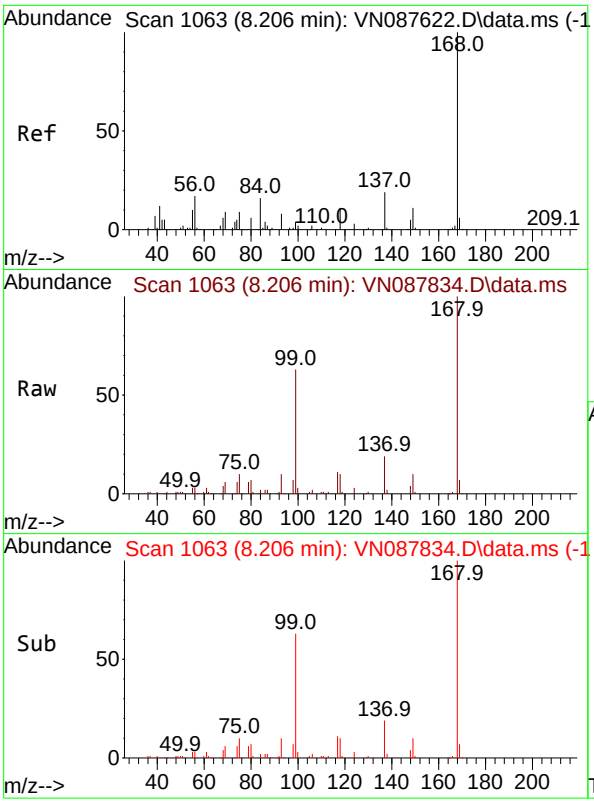


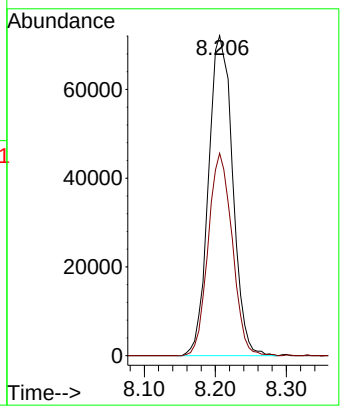


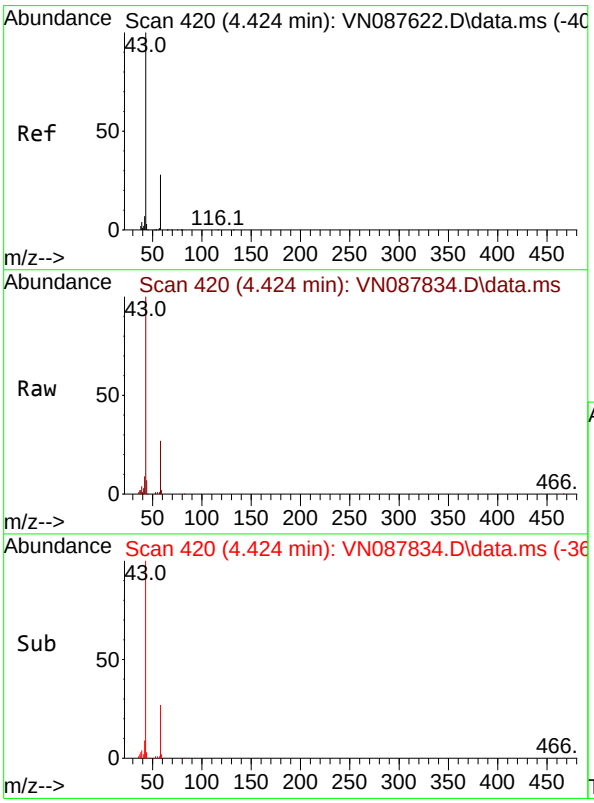
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion:168 Resp: 170547

Ion	Ratio	Lower	Upper
168	100		
99	63.2	57.2	85.8

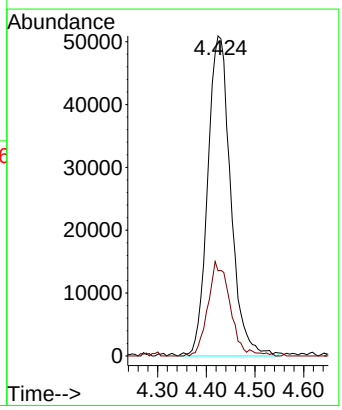


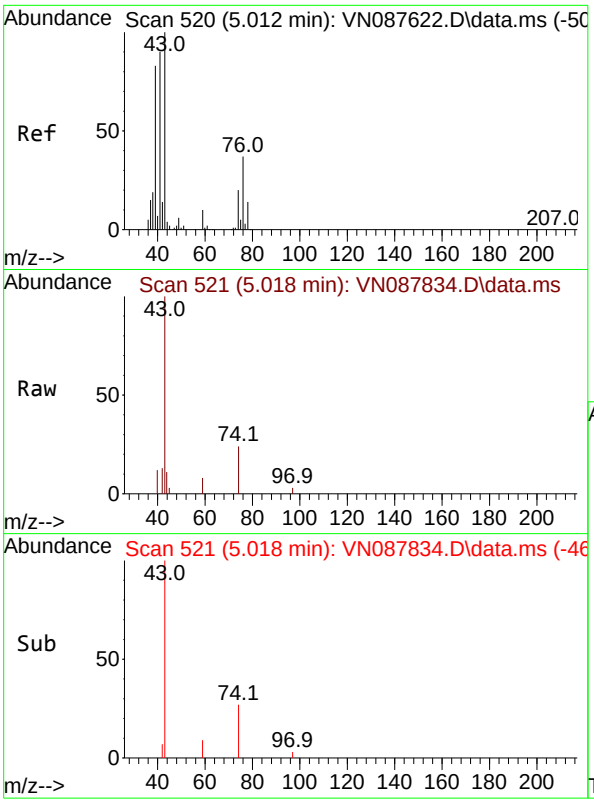


#16
Acetone
Concen: 87.540 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Tgt Ion: 43 Resp: 166517

Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.6	33.8



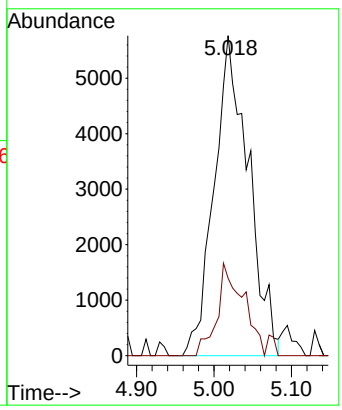


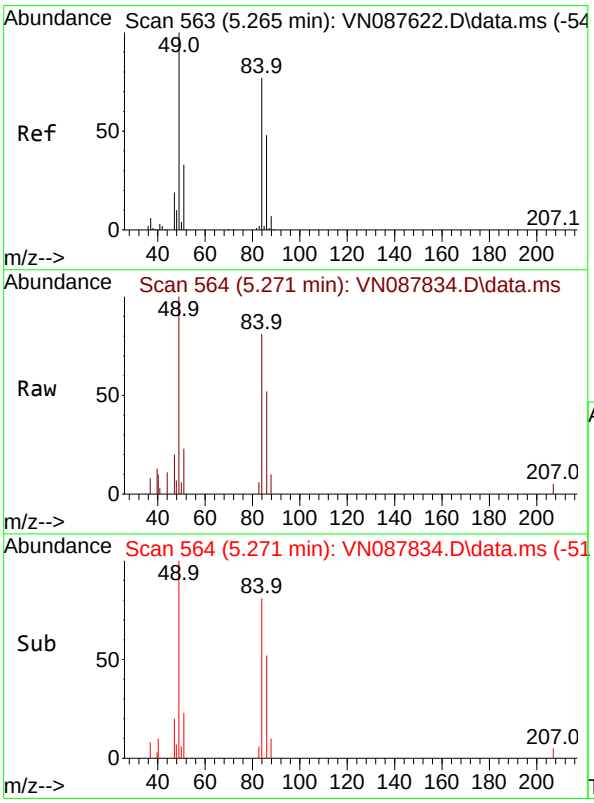
#18
Methyl Acetate
Concen: 4.461 ug/l
RT: 5.018 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion: 43 Resp: 17769

Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.6	26.4

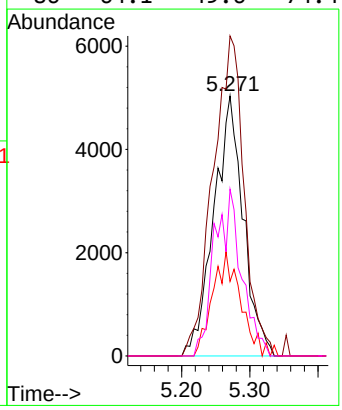


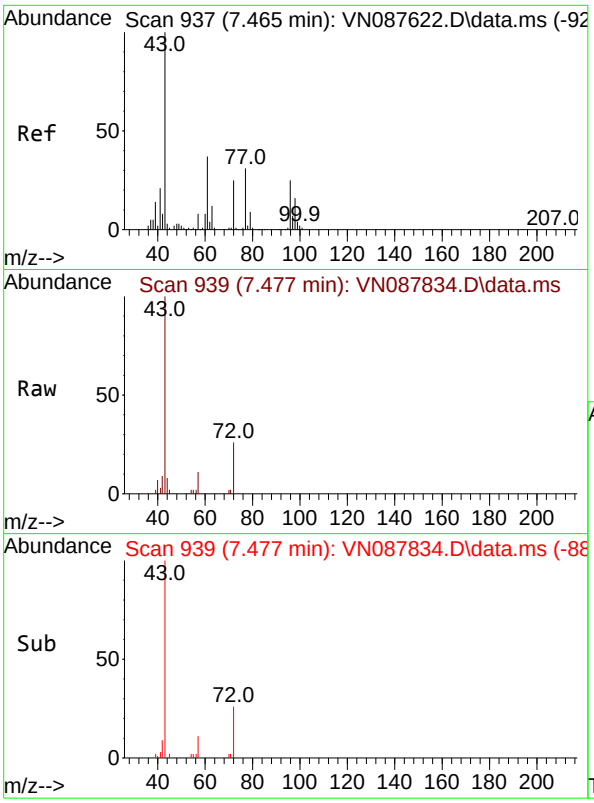


#20
Methylene Chloride
Concen: 4.368 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Tgt Ion: 84 Resp: 15134

Ion	Ratio	Lower	Upper
84	100		
49	123.1	103.4	155.2
51	28.7	33.8	50.8#
86	64.1	49.6	74.4



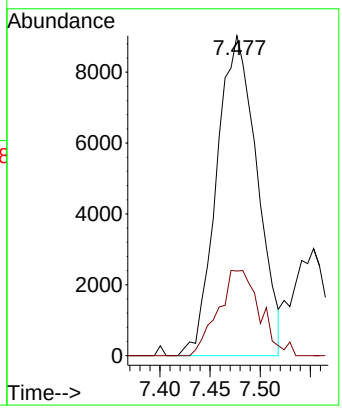


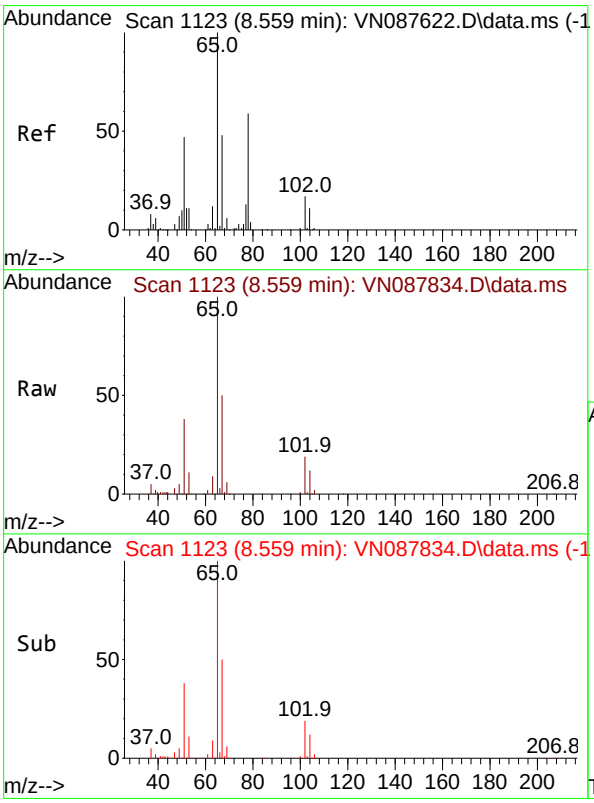
#25
2-Butanone
Concen: 10.153 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion: 43 Resp: 25408

Ion	Ratio	Lower	Upper
43	100		
72	26.5	19.9	29.9

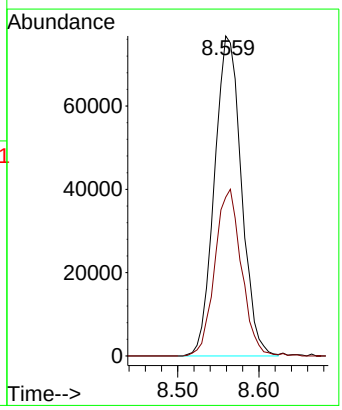


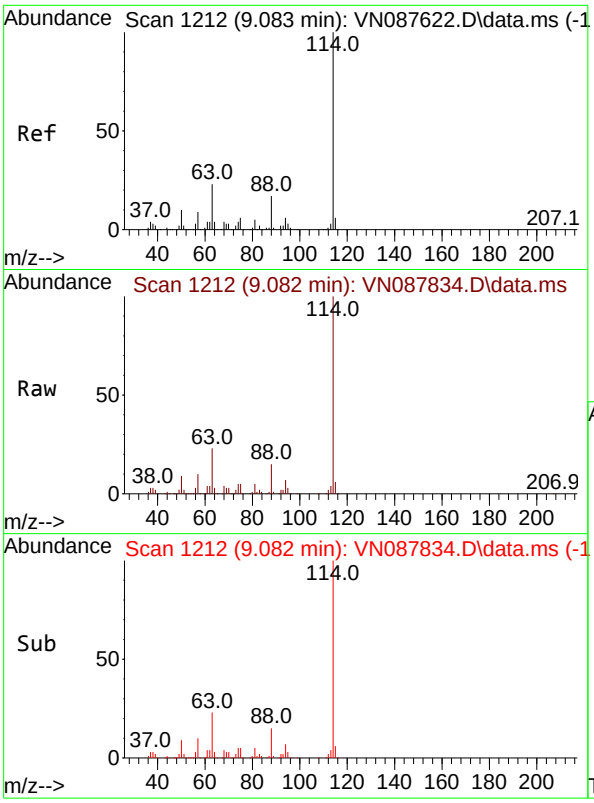


#33
1,2-Dichloroethane-d4
Concen: 50.755 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Tgt Ion: 65 Resp: 177354

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.0



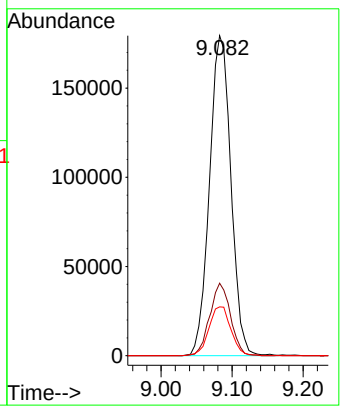


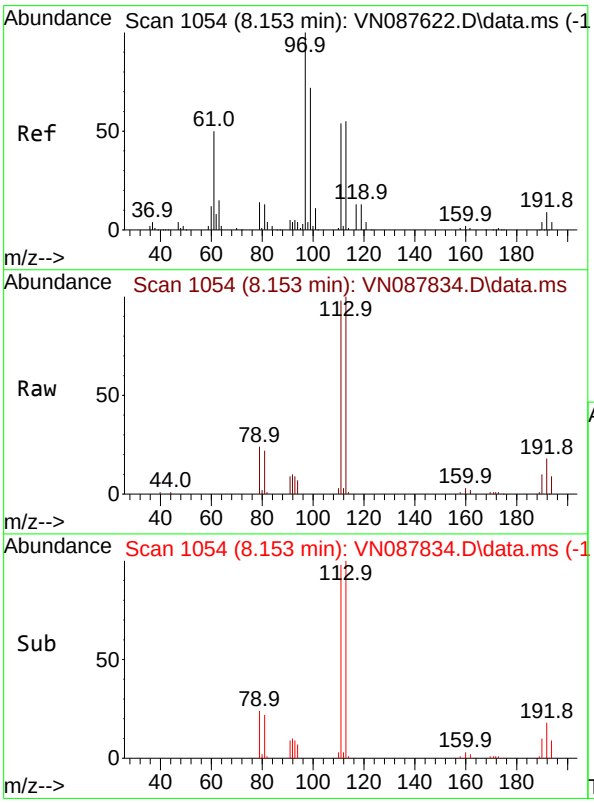
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion:114 Resp: 375163

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.2
88	15.3	0.0	33.4

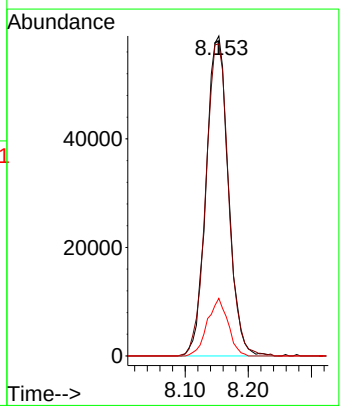


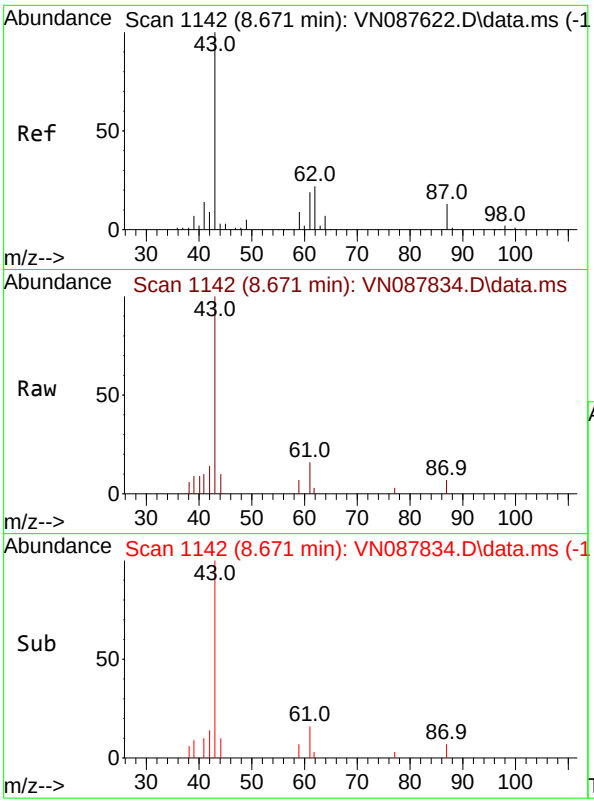


#35
Dibromofluoromethane
Concen: 53.190 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Tgt Ion:113 Resp: 144073

Ion	Ratio	Lower	Upper
113	100		
111	99.4	82.8	124.2
192	16.8	12.8	19.2



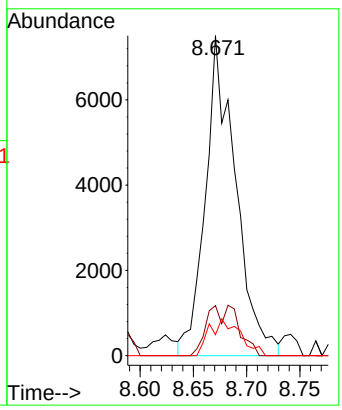


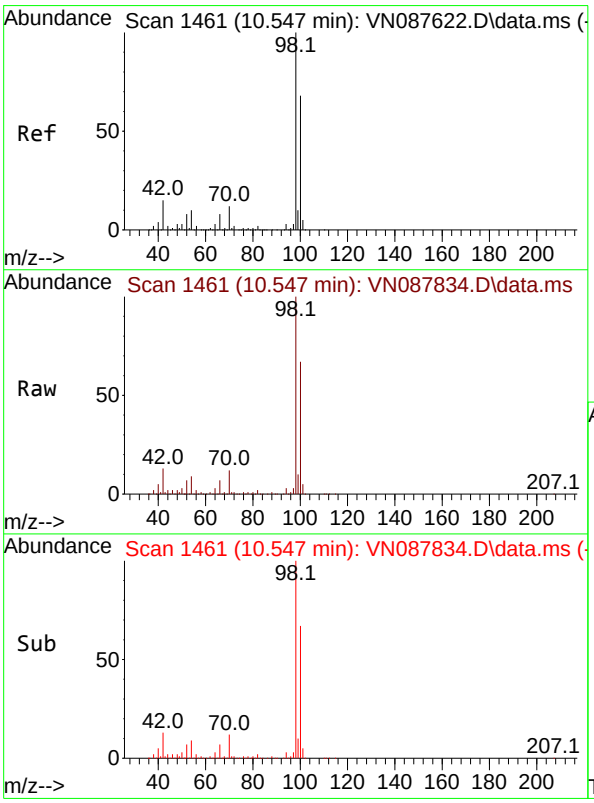
#43
Isopropyl Acetate
Concen: 1.664 ug/l
RT: 8.671 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion: 43 Resp: 14751

Ion	Ratio	Lower	Upper
43	100		
61	8.5	18.8	28.2#
87	11.8	9.6	14.4

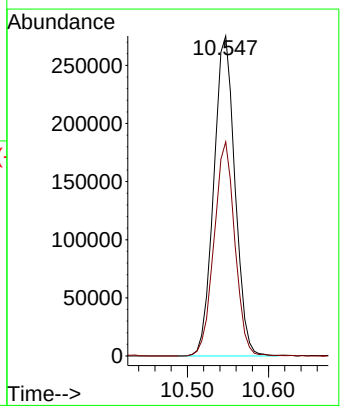


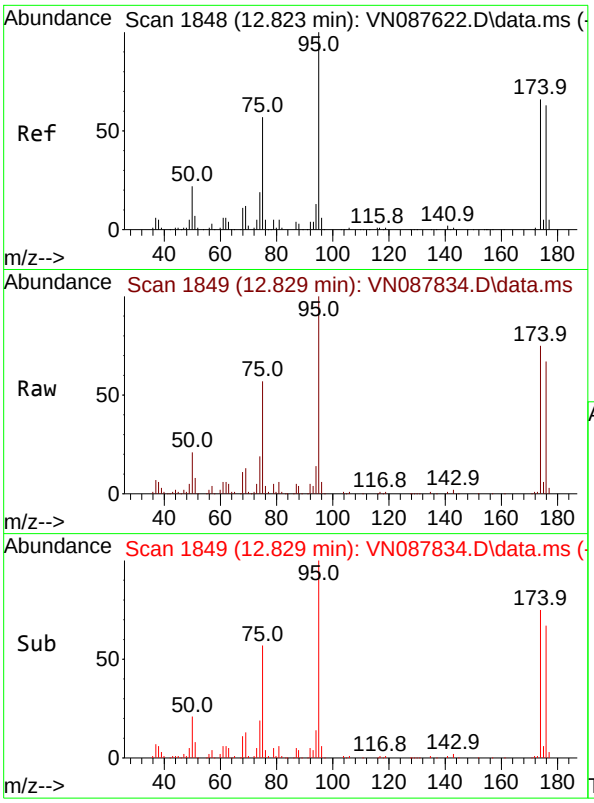


#50
Toluene-d8
Concen: 49.337 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Tgt Ion: 98 Resp: 500185

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.8	79.2



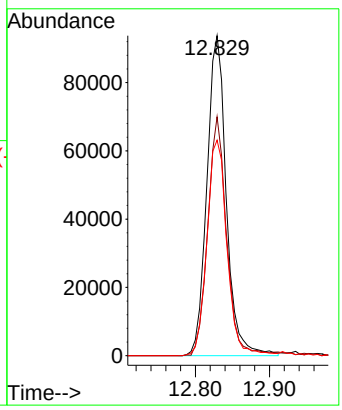


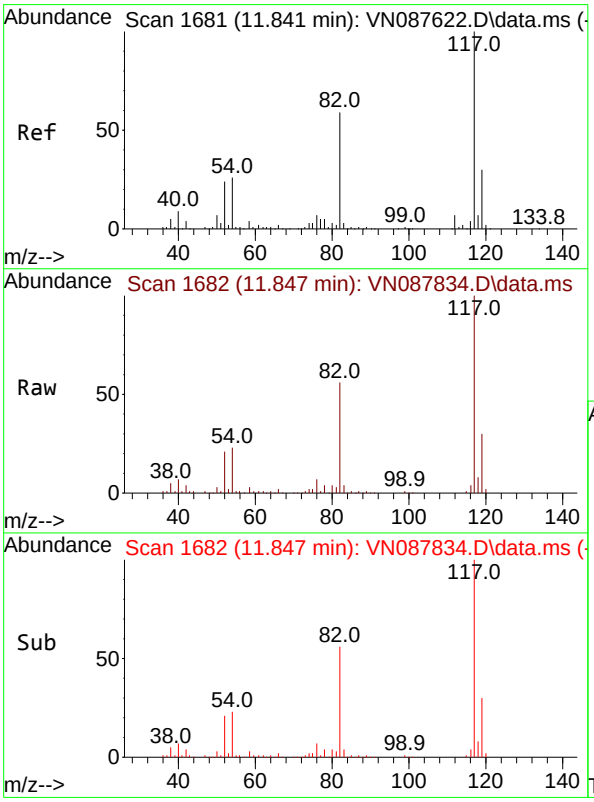
#62
4-Bromofluorobenzene
Concen: 47.370 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion: 95 Resp: 170787

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	138.4
176	69.4	0.0	132.6

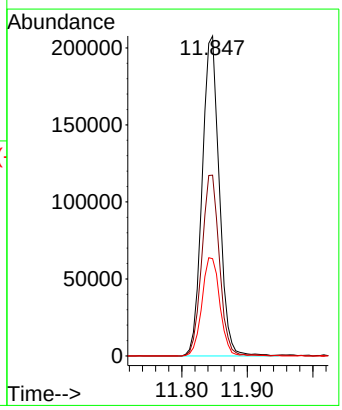


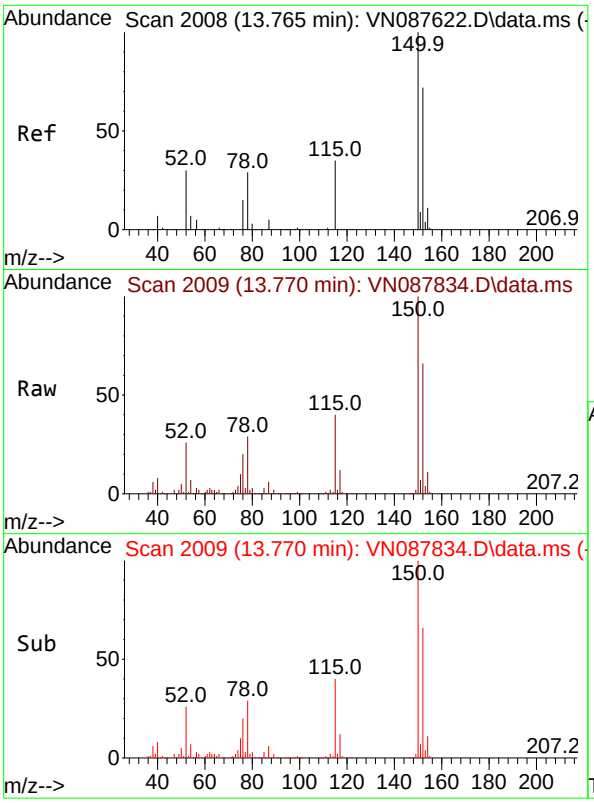


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087834.D
Acq: 15 Sep 2025 13:59

Tgt Ion:117 Resp: 377116

Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.4	71.2
119	30.4	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: VN087834.D
Acq: 15 Sep 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
291376

Tgt Ion:152 Resp: 169450

Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.3	96.8
150	160.5	0.0	351.0