Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088507.D
Acq On : 10 Dec 2025 17:34
Operator : JC\MD
Sample : Q3826-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Quant Time: Dec 11 02:12:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	221792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	518350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	548520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	250354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	247931	59.340	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.680%			
35) Dibromofluoromethane	8.147	113	178460	49.681	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	10.541	98	631929	47.280	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.560%			
62) 4-Bromofluorobenzene	12.829	95	244881	53.398	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.800%			
Target Compounds						Qvalue
16) Acetone	4.424	43	207851	137.556	ug/l	99
20) Methylene Chloride	5.271	84	269545	83.377	ug/l	97
25) 2-Butanone	7.471	43	15086	6.210	ug/l	95
43) Isopropyl Acetate	8.671	43	23732	2.131	ug/l #	92

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

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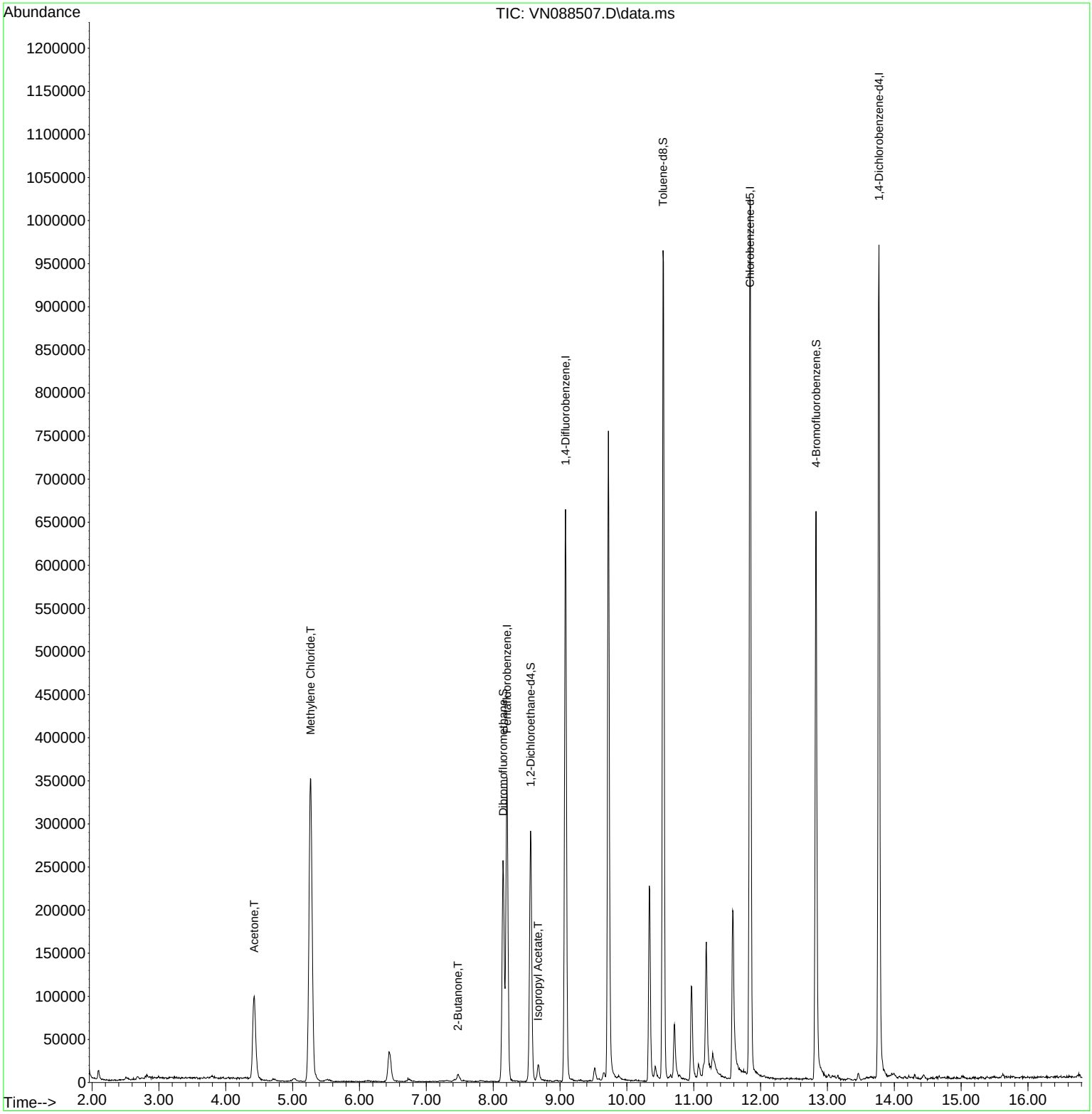
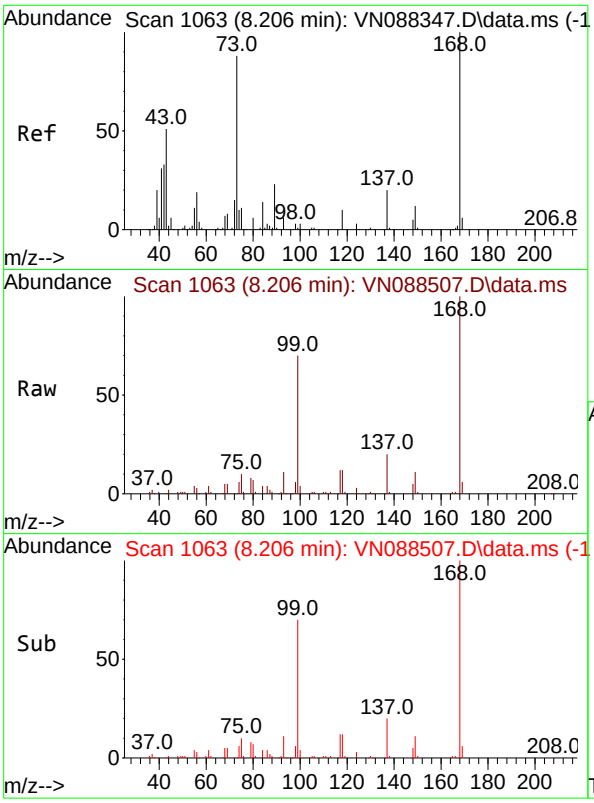


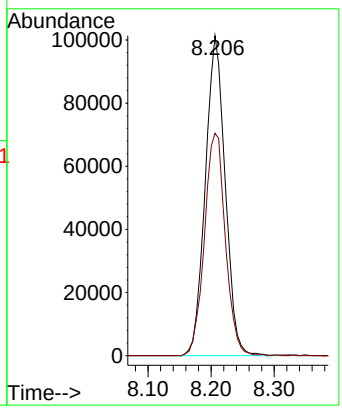


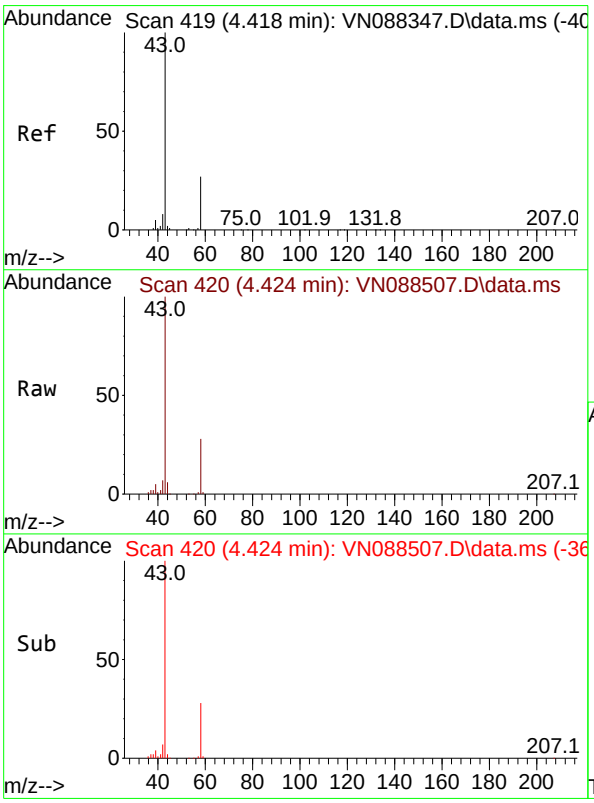
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion:168 Resp: 221792

Ion	Ratio	Lower	Upper
168	100		
99	69.5	57.1	85.7

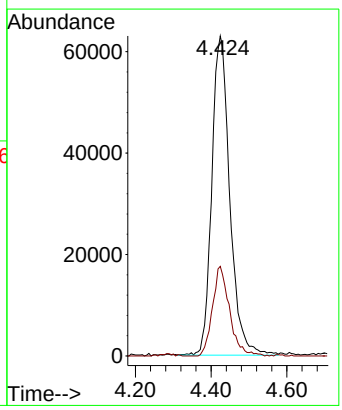


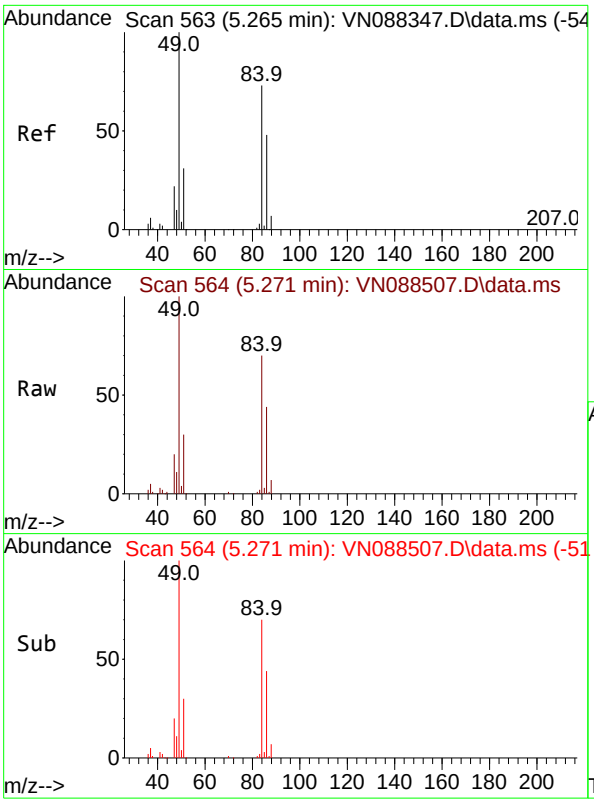


#16
Acetone
Concen: 137.556 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Tgt Ion: 43 Resp: 207851

Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.7	32.5



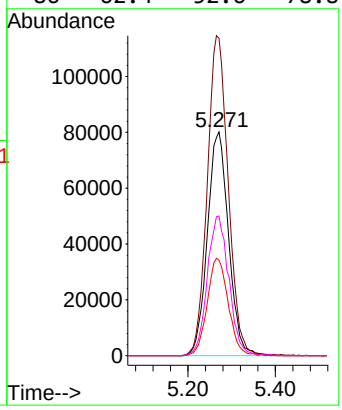


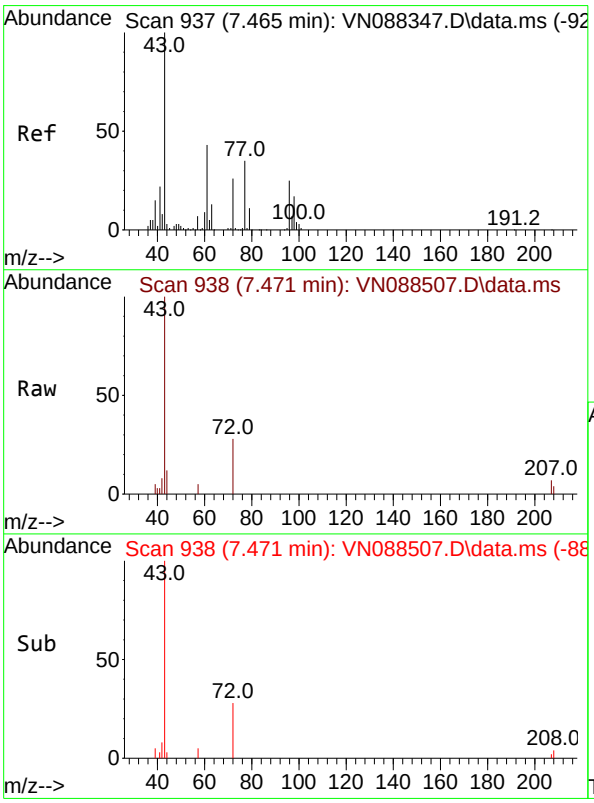
#20
Methylene Chloride
Concen: 83.377 ug/l
RT: 5.271 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion: 84 Resp: 269545

Ion	Ratio	Lower	Upper
84	100		
49	141.9	110.2	165.2
51	42.7	34.1	51.1
86	62.4	52.6	78.8

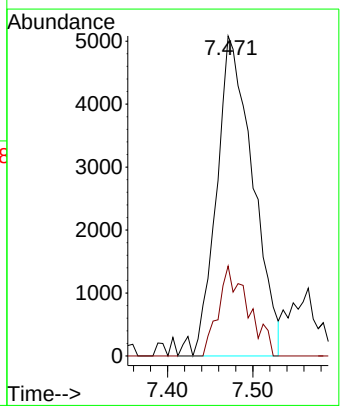


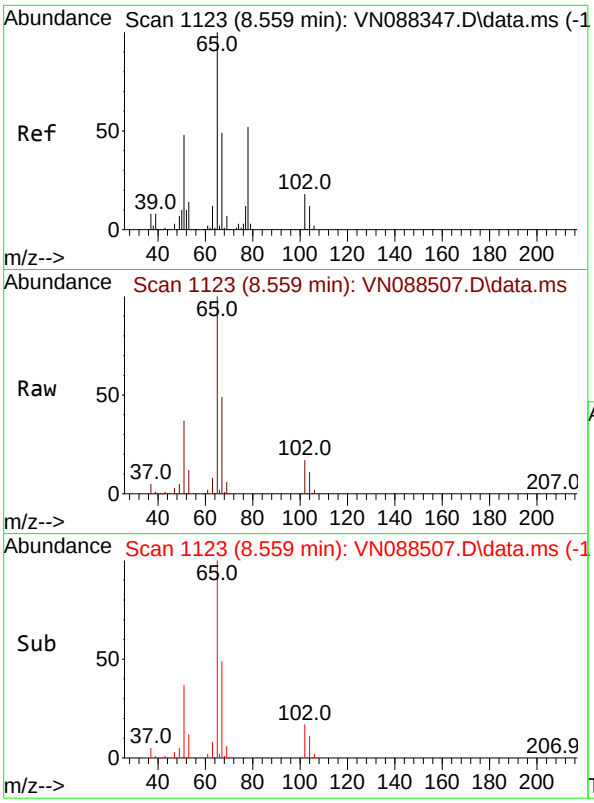


#25
2-Butanone
Concen: 6.210 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Tgt Ion: 43 Resp: 15086

Ion	Ratio	Lower	Upper
43	100		
72	28.1	20.5	30.7



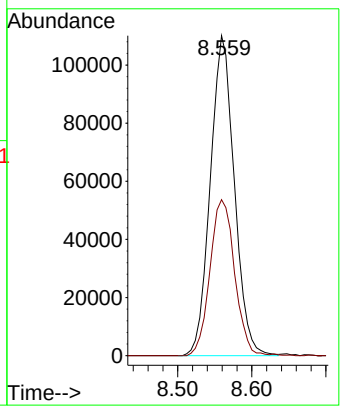


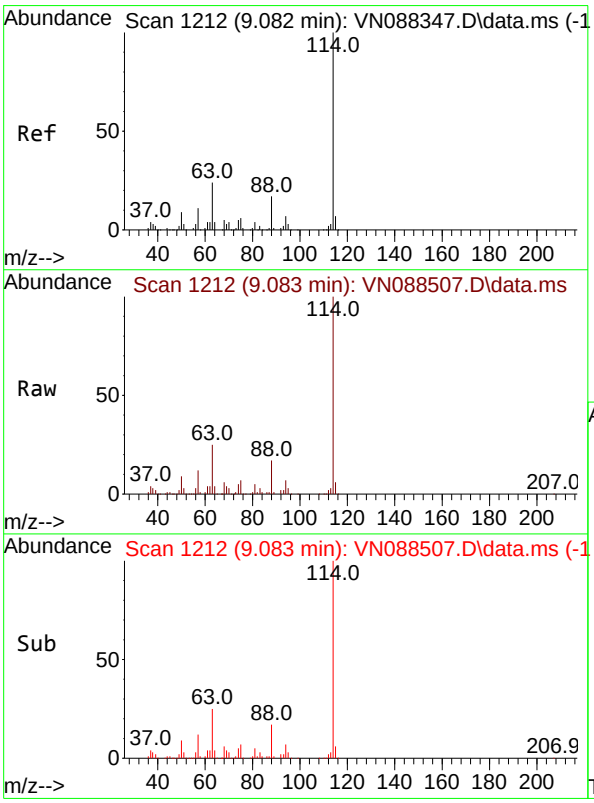
#33
1,2-Dichloroethane-d4
Concen: 59.340 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion: 65 Resp: 247931

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	100.8

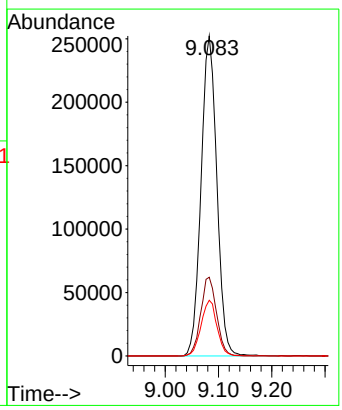


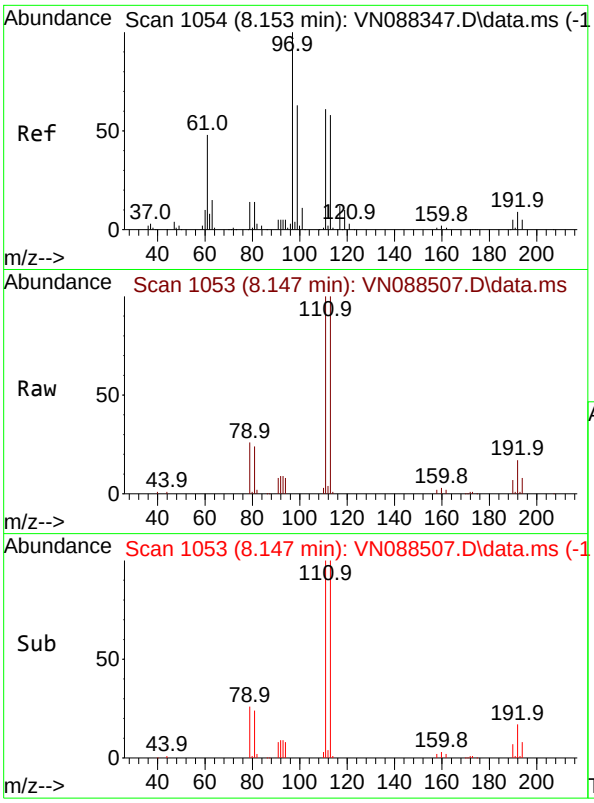


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Tgt Ion:114 Resp: 518350

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.0
88	17.4	0.0	34.0



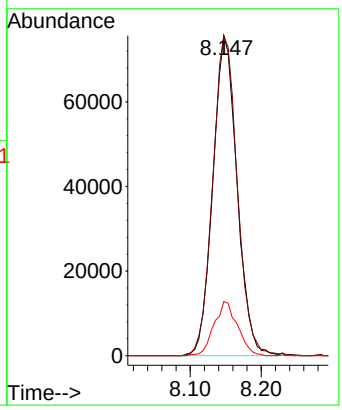


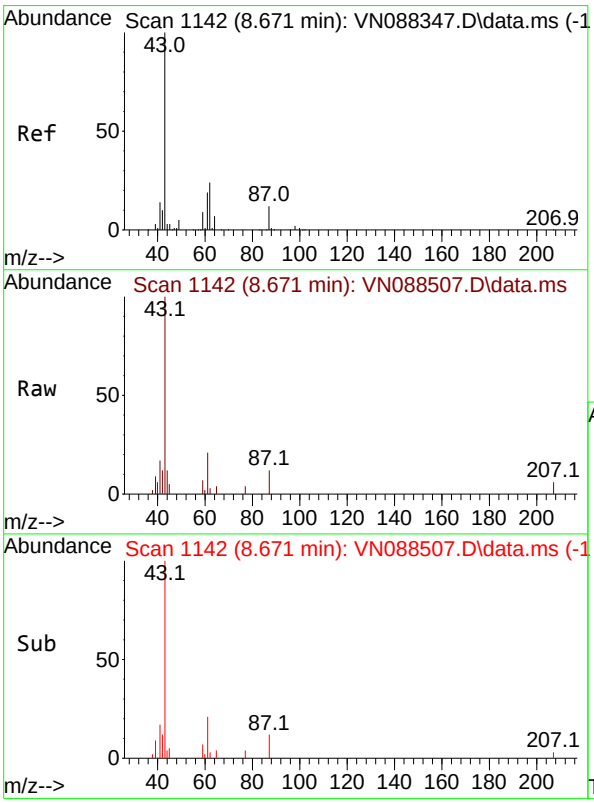
#35
Dibromofluoromethane
Concen: 49.681 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion:113 Resp: 178460

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.5	123.7
192	16.4	12.8	19.2

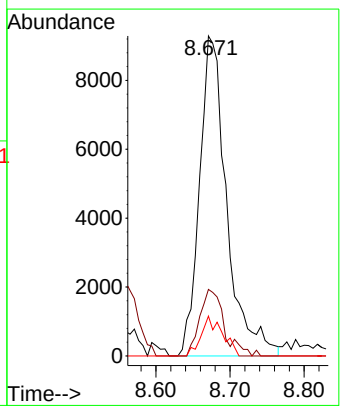


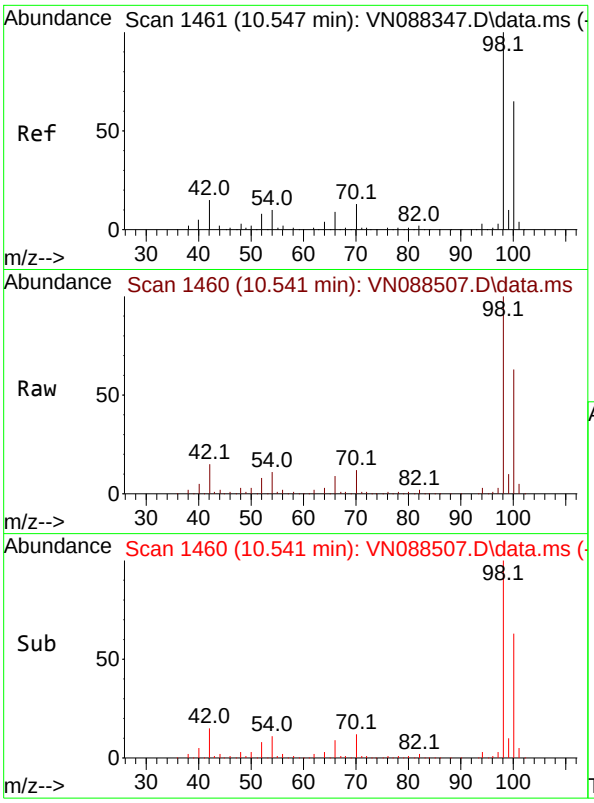


#43
Isopropyl Acetate
Concen: 2.131 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Tgt Ion: 43 Resp: 23732

Ion	Ratio	Lower	Upper
43	100		
61	18.6	18.7	28.1#
87	9.7	9.1	13.7



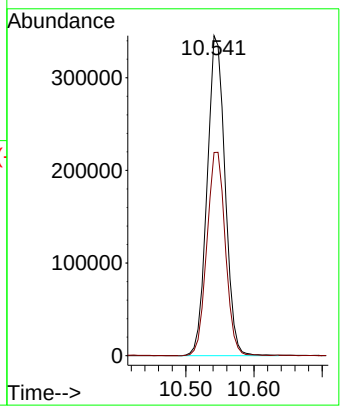


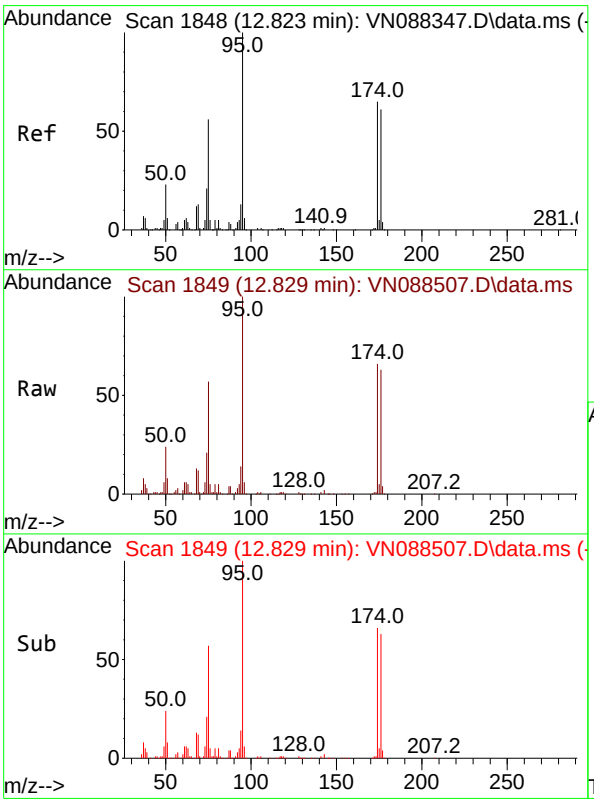
#50
Toluene-d8
Concen: 47.280 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion: 98 Resp: 631929

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2

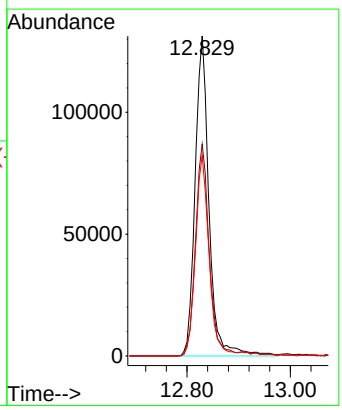


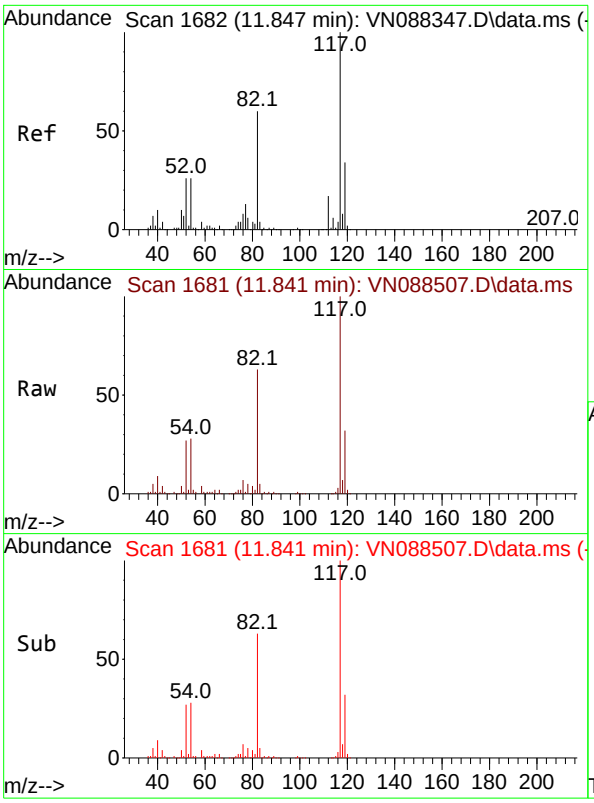


#62
4-Bromofluorobenzene
Concen: 53.398 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Tgt Ion: 95 Resp: 244881

Ion	Ratio	Lower	Upper
95	100		
174	65.3	0.0	139.0
176	60.9	0.0	132.4



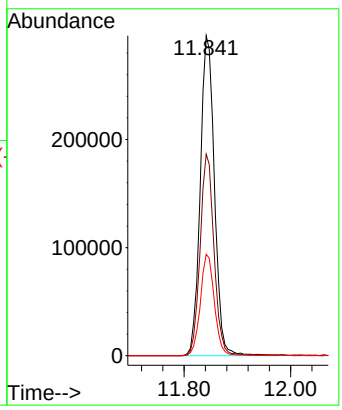


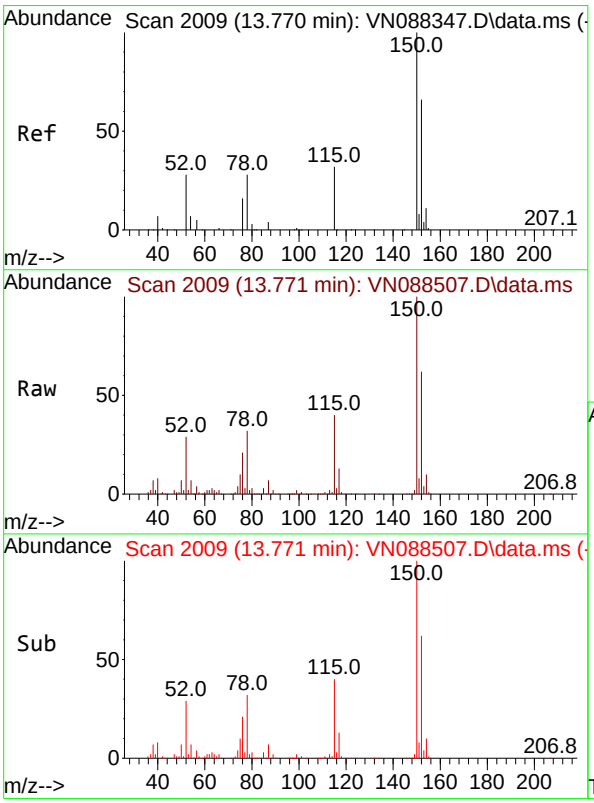
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion:117 Resp: 548520

Ion	Ratio	Lower	Upper
117	100		
82	63.0	47.8	71.8
119	31.7	26.9	40.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088507.D
Acq: 10 Dec 2025 17:34

Tgt Ion:152 Resp: 250354

Ion	Ratio	Lower	Upper
152	100		
115	64.8	33.0	98.9
150	157.4	0.0	349.0