Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088512.D
Acq On : 10 Dec 2025 19:18
Operator : JC\MD
Sample : Q3826-12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Quant Time: Dec 11 02:15:12 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	195745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	471400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	502812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	230085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	233211	63.245	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 126.480%#			
35) Dibromofluoromethane	8.147	113	164837	50.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	10.547	98	588788	48.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.880%			
62) 4-Bromofluorobenzene	12.829	95	218423	52.372	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.740%			
Target Compounds						Qvalue
16) Acetone	4.424	43	193193	144.869	ug/l	98
20) Methylene Chloride	5.265	84	267376	93.711	ug/l	97
25) 2-Butanone	7.477	43	13897	6.482	ug/l	99
43) Isopropyl Acetate	8.677	43	22778	2.249	ug/l #	89

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

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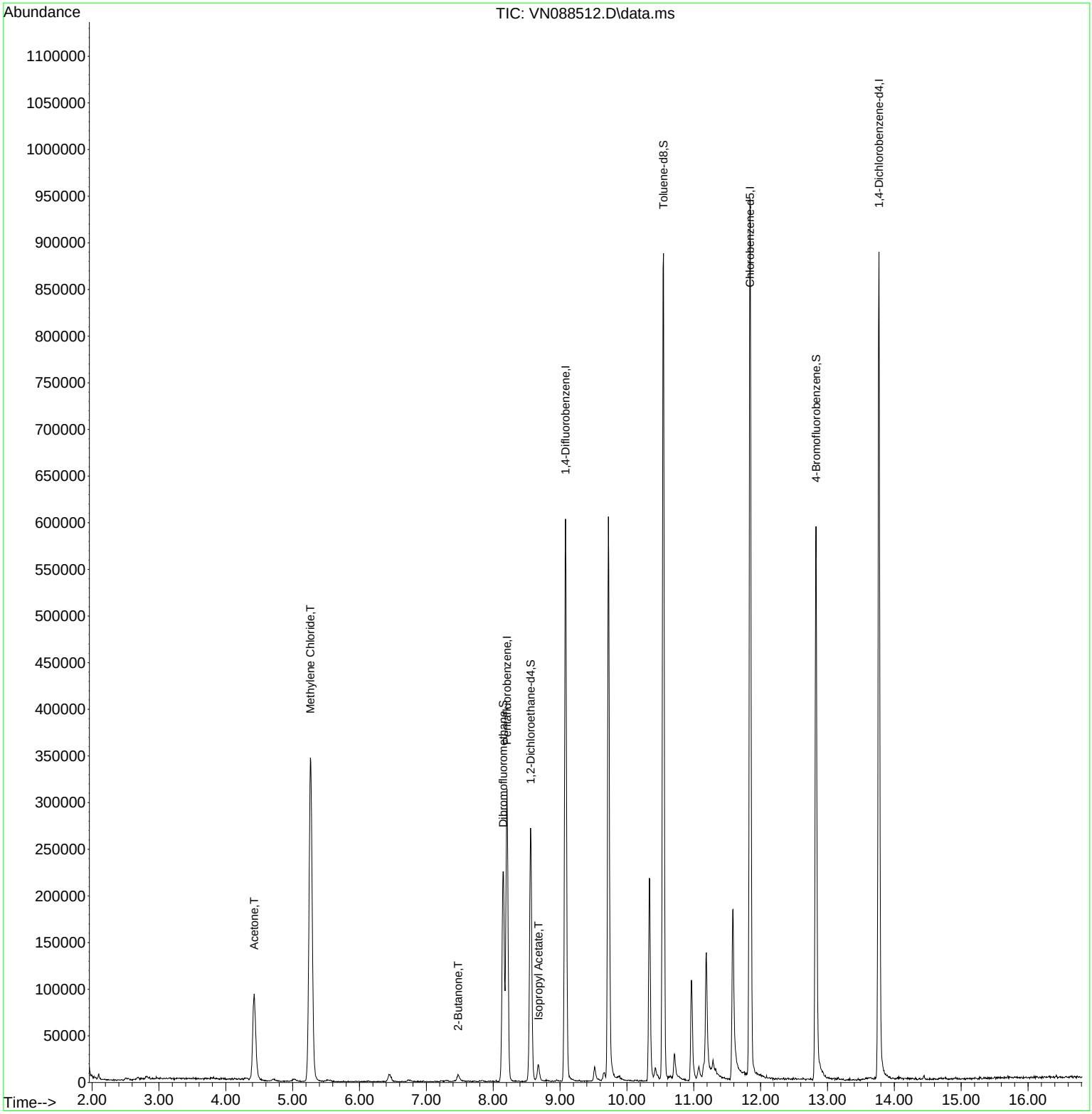
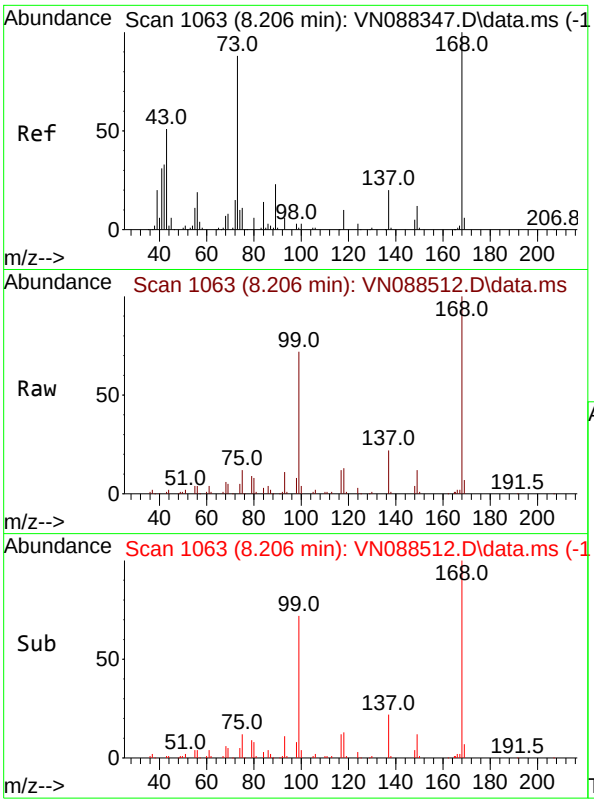


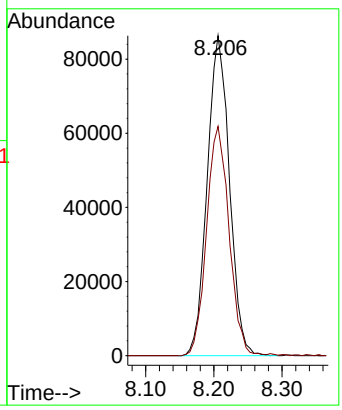


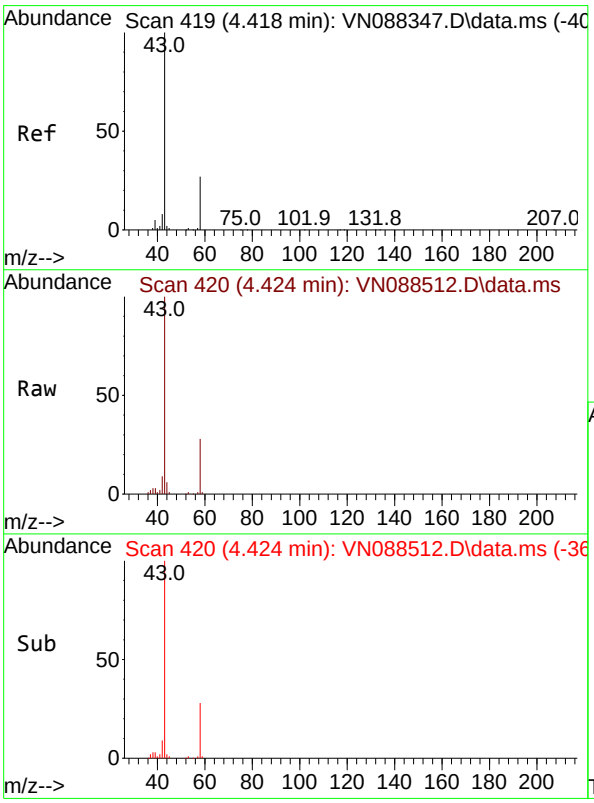
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 195745

Ion	Ratio	Lower	Upper
168	100		
99	71.6	57.1	85.7

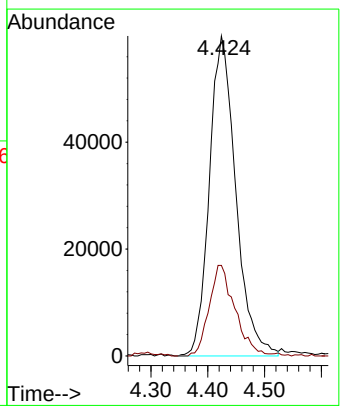


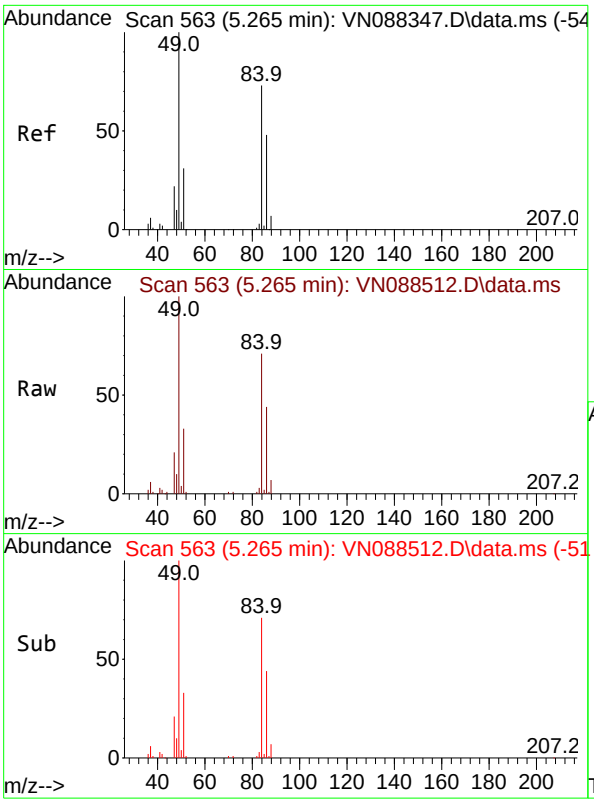


#16
Acetone
Concen: 144.869 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Tgt Ion: 43 Resp: 193193

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.7	32.5



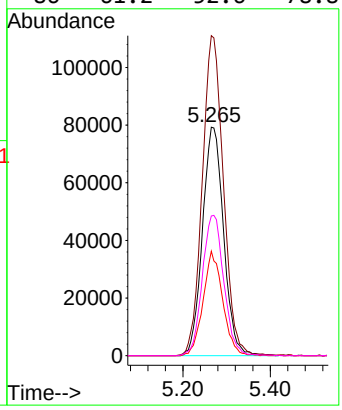


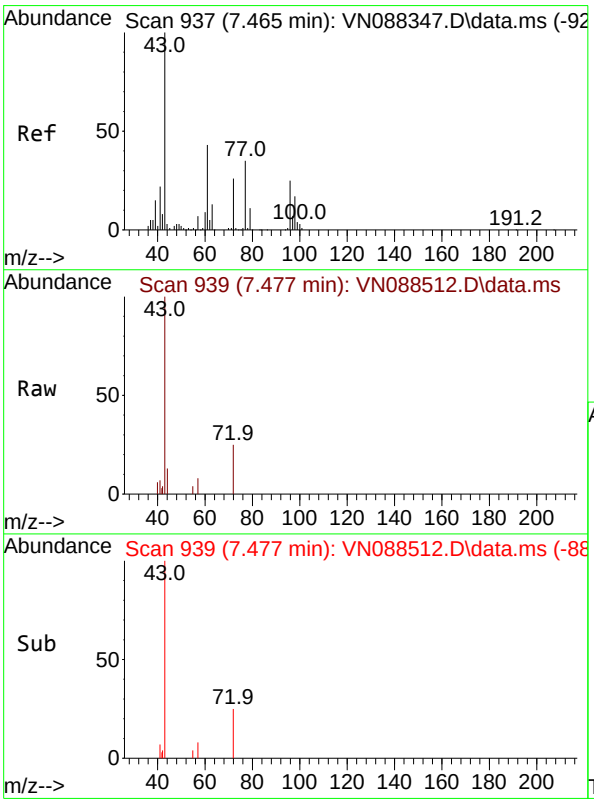
#20
Methylene Chloride
Concen: 93.711 ug/l
RT: 5.265 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 84 Resp: 267376

Ion	Ratio	Lower	Upper
84	100		
49	139.9	110.2	165.2
51	45.7	34.1	51.1
86	61.2	52.6	78.8

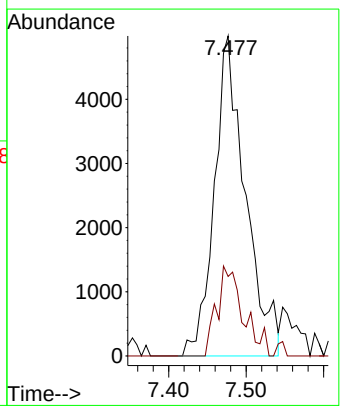


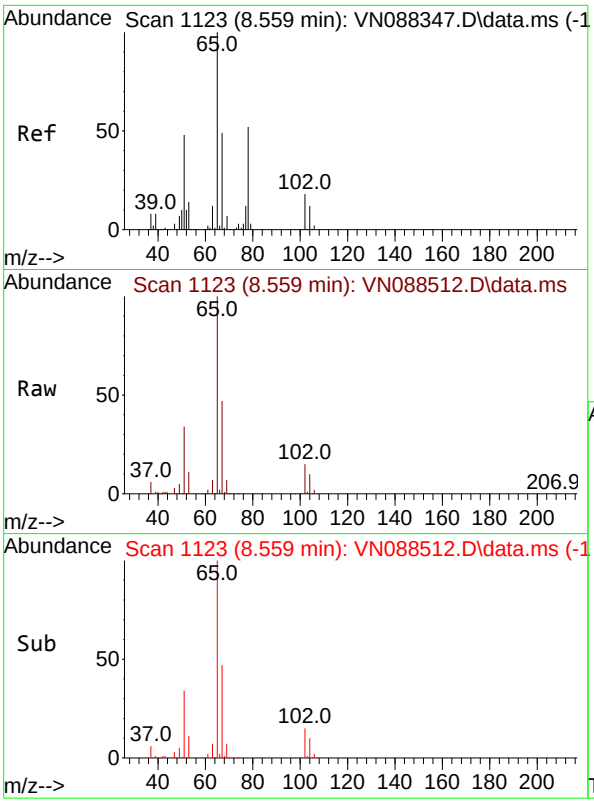


#25
2-Butanone
Concen: 6.482 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Tgt Ion: 43 Resp: 13897

Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.5	30.7



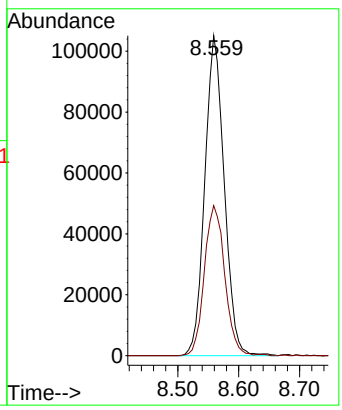


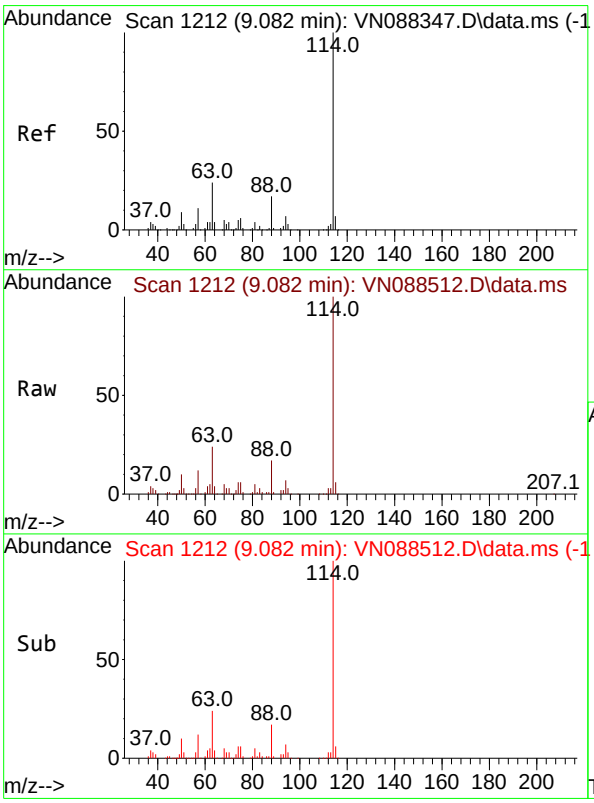
#33
1,2-Dichloroethane-d4
Concen: 63.245 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 65 Resp: 233211

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	100.8

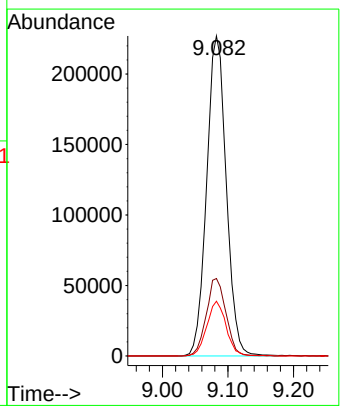


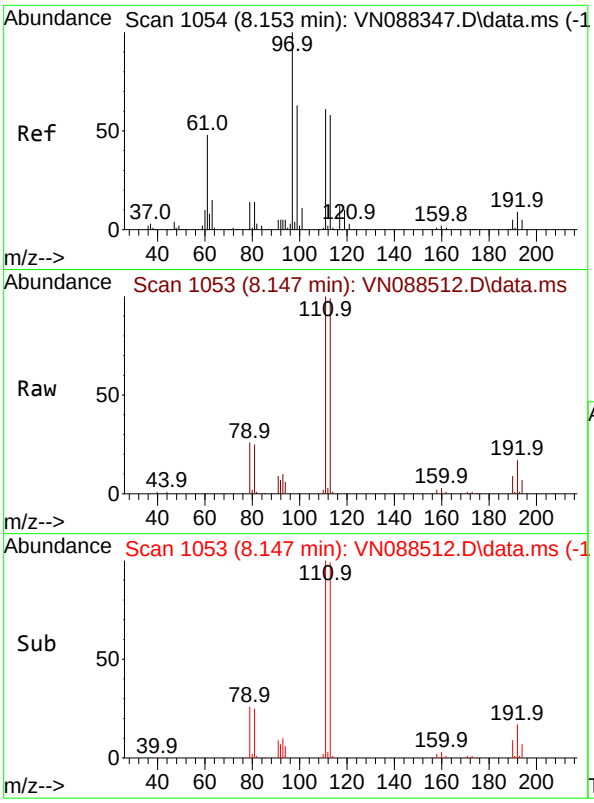


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Tgt Ion:114 Resp: 471400

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	49.0
88	17.1	0.0	34.0



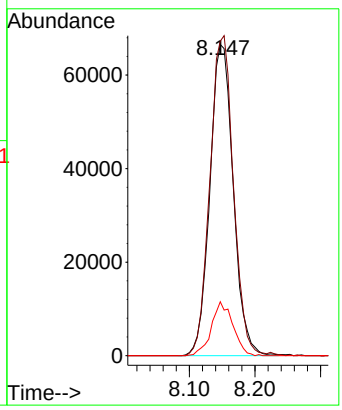


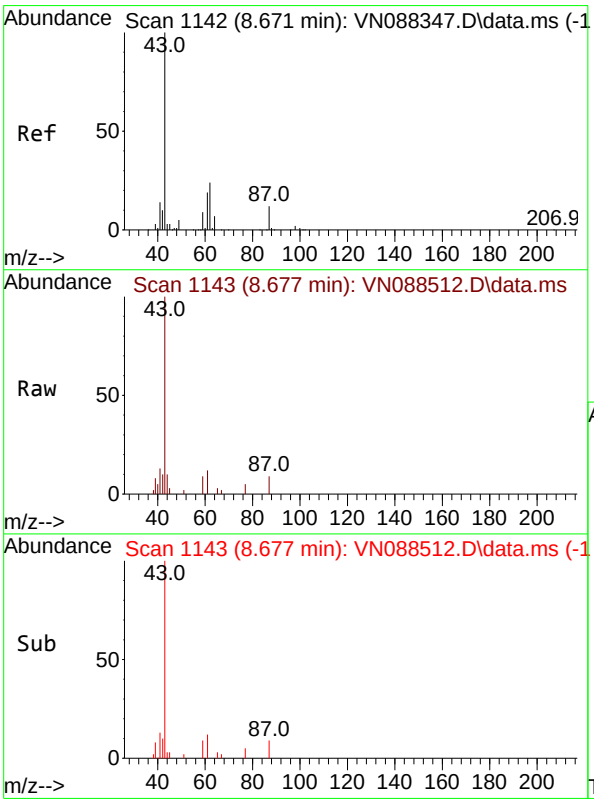
#35
Dibromofluoromethane
Concen: 50.459 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:113 Resp: 164837

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.5	123.7
192	16.0	12.8	19.2

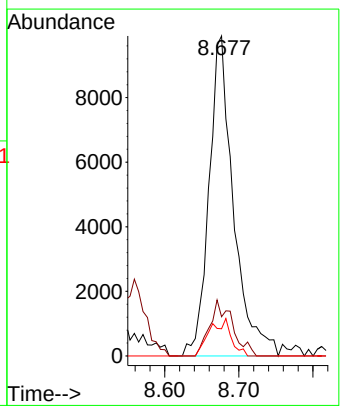


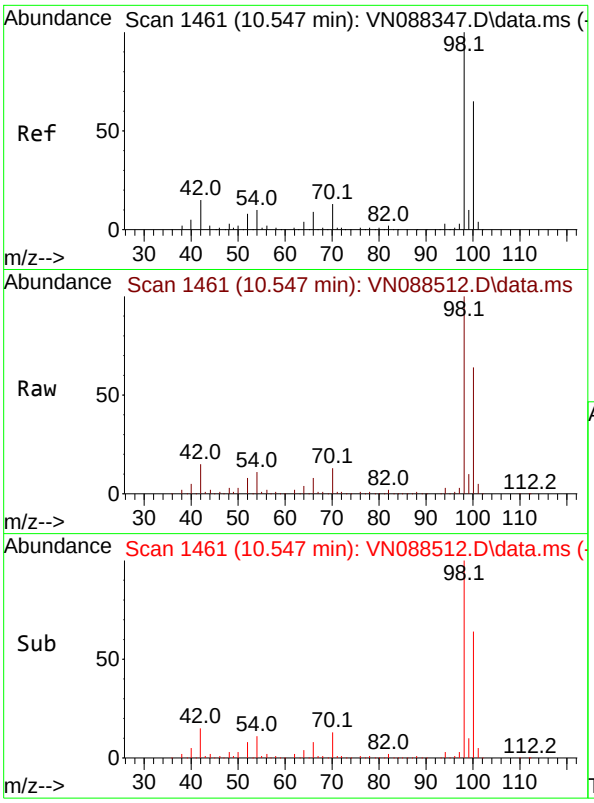


#43
Isopropyl Acetate
Concen: 2.249 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Tgt Ion: 43 Resp: 22778

Ion	Ratio	Lower	Upper
43	100		
61	16.3	18.7	28.1#
87	10.3	9.1	13.7



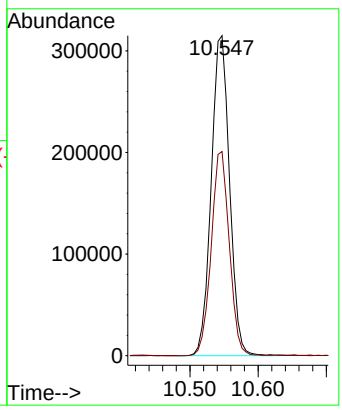


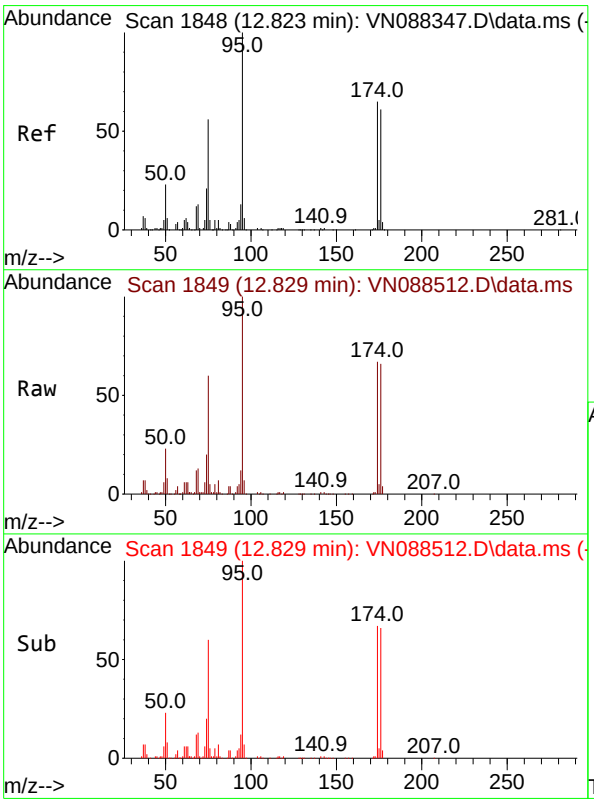
#50
Toluene-d8
Concen: 48.440 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 98 Resp: 588788

Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.2	78.2

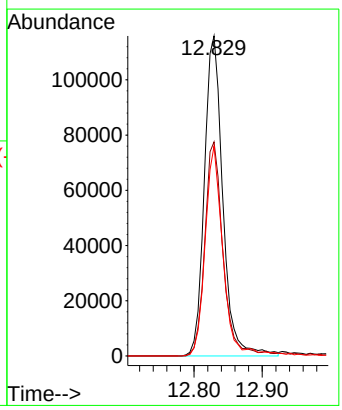


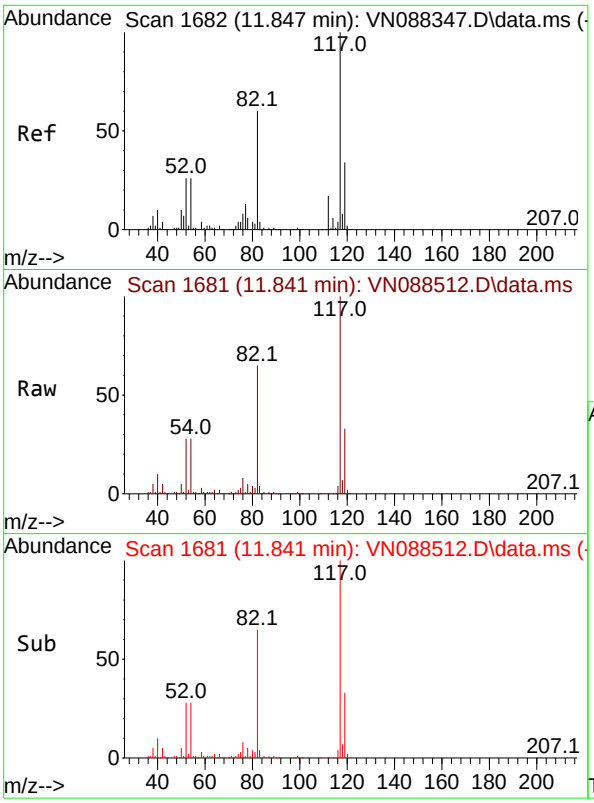


#62
4-Bromofluorobenzene
Concen: 52.372 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Tgt Ion: 95 Resp: 218423

Ion	Ratio	Lower	Upper
95	100		
174	65.5	0.0	139.0
176	64.0	0.0	132.4



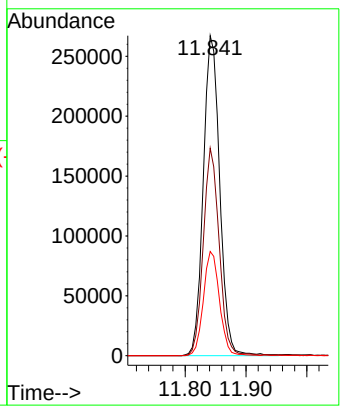


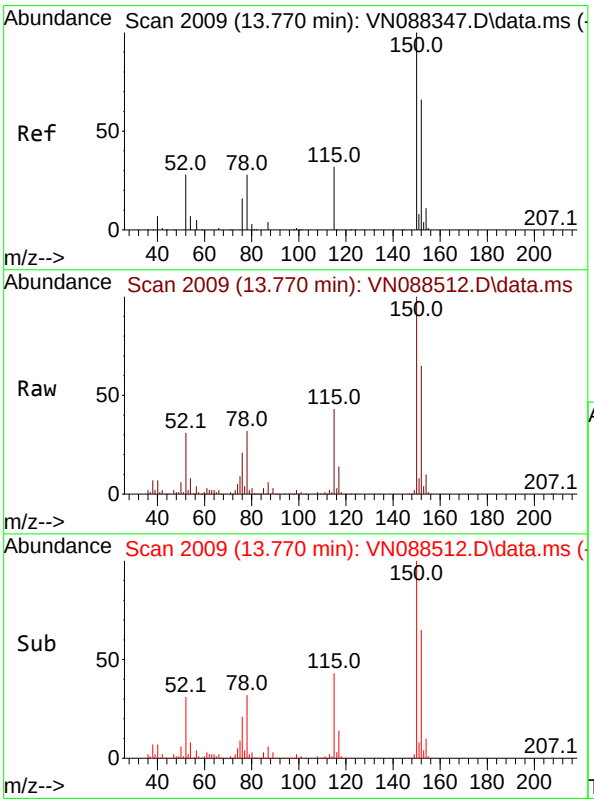
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 502812

Ion	Ratio	Lower	Upper
117	100		
82	64.8	47.8	71.8
119	32.5	26.9	40.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088512.D
Acq: 10 Dec 2025 19:18

Tgt Ion:152 Resp: 230085

Ion	Ratio	Lower	Upper
152	100		
115	64.8	33.0	98.9
150	155.7	0.0	349.0