Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088501.D
Acq On : 10 Dec 2025 15:29
Operator : JC\MD
Sample : Q3814-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Quant Time: Dec 11 02:09:44 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	203441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	477666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	501169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	226784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	225858	58.934	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.860%			
35) Dibromofluoromethane	8.147	113	160701	48.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.100%			
50) Toluene-d8	10.541	98	580660	47.145	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.280%			
62) 4-Bromofluorobenzene	12.829	95	210405	49.788	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.580%			
Target Compounds						Qvalue
16) Acetone	4.424	43	158637	114.456	ug/l	93
20) Methylene Chloride	5.271	84	277086	93.440	ug/l	95
25) 2-Butanone	7.477	43	14310	6.422	ug/l #	87
43) Isopropyl Acetate	8.677	43	27822	2.711	ug/l #	89

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

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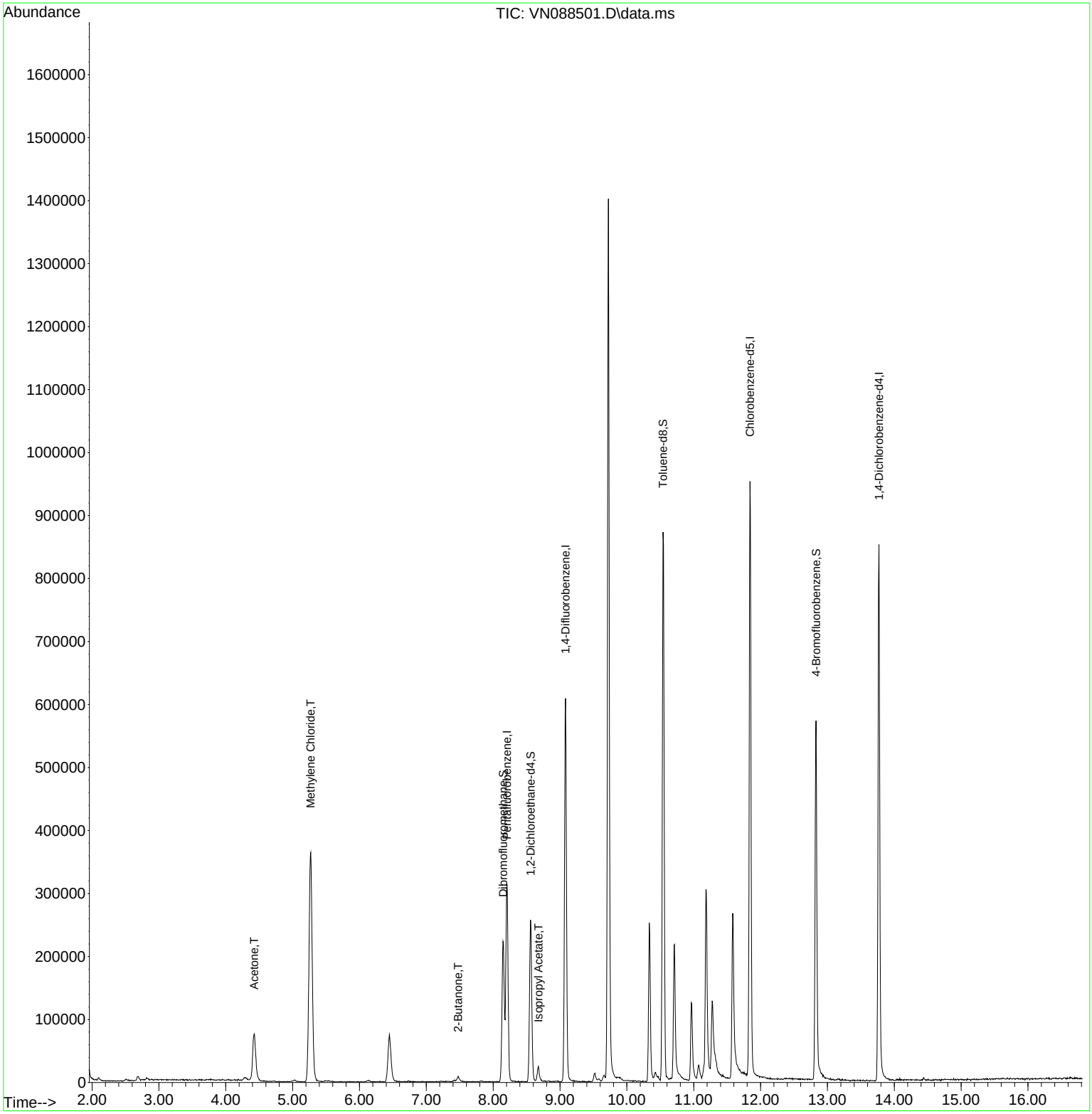
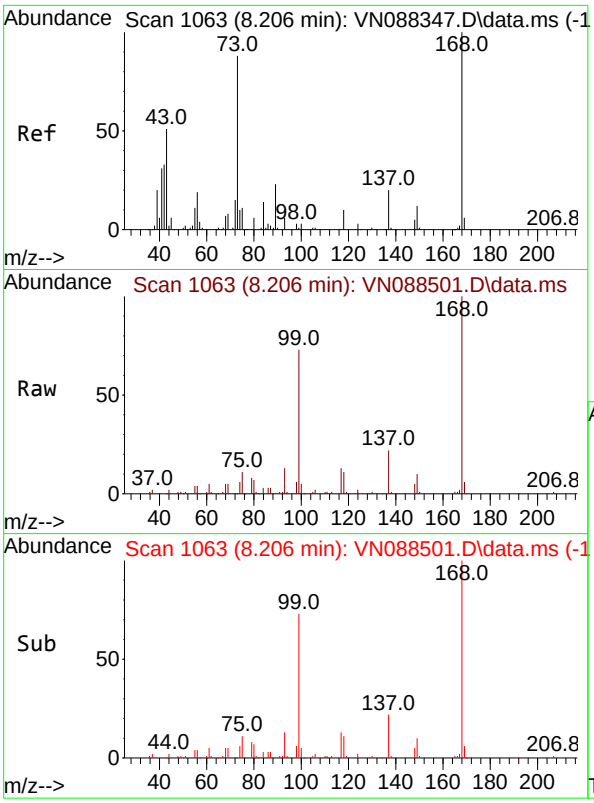


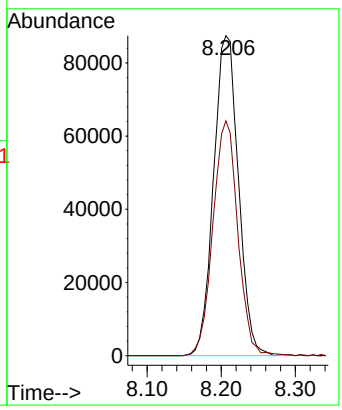


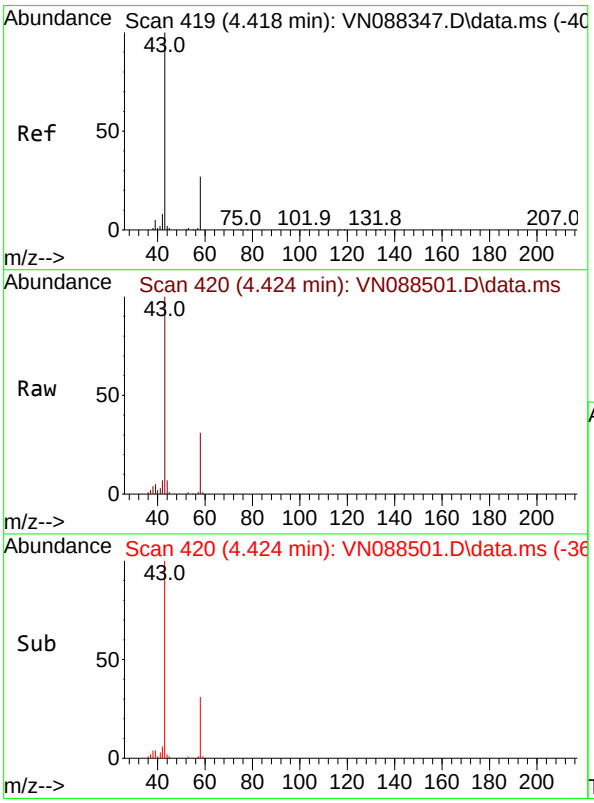
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion:168 Resp: 203441

Ion	Ratio	Lower	Upper
168	100		
99	73.4	57.1	85.7

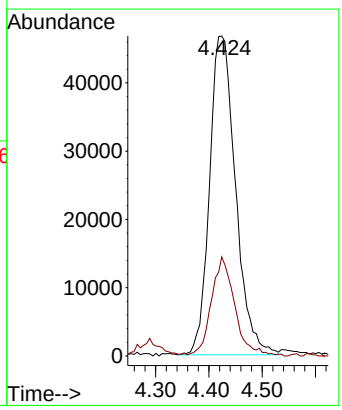


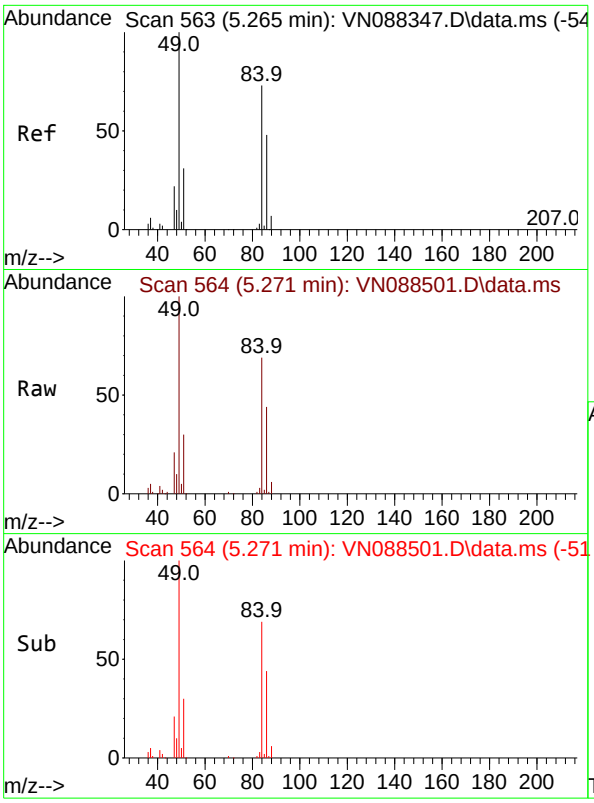


#16
Acetone
Concen: 114.456 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Tgt Ion: 43 Resp: 158637

Ion	Ratio	Lower	Upper
43	100		
58	30.5	21.7	32.5



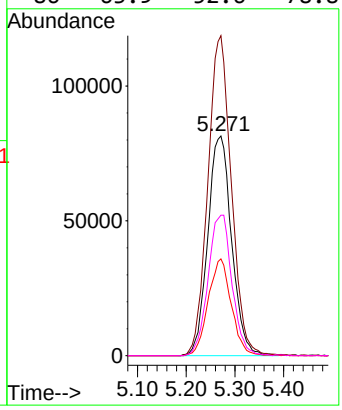


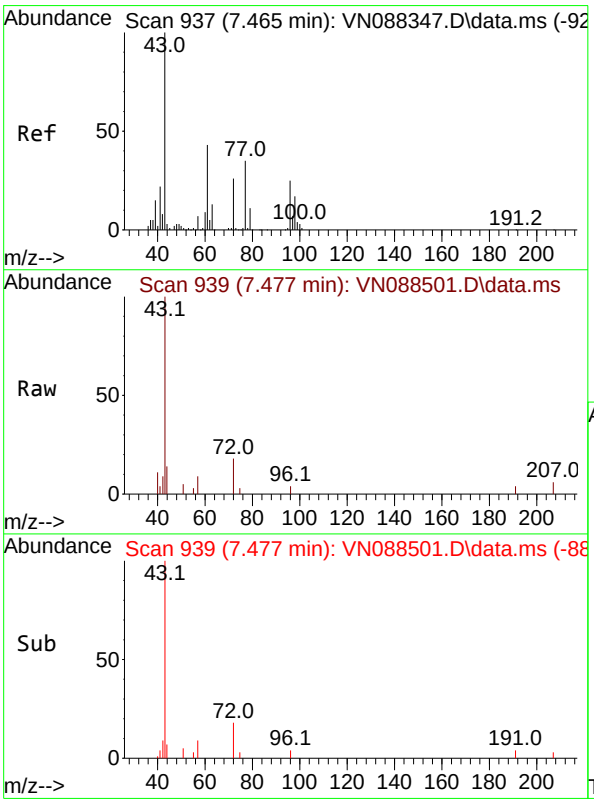
#20
Methylene Chloride
Concen: 93.440 ug/l
RT: 5.271 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion: 84 Resp: 277086

Ion	Ratio	Lower	Upper
84	100		
49	145.7	110.2	165.2
51	44.1	34.1	51.1
86	63.9	52.6	78.8

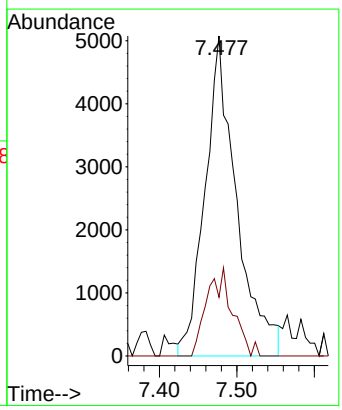


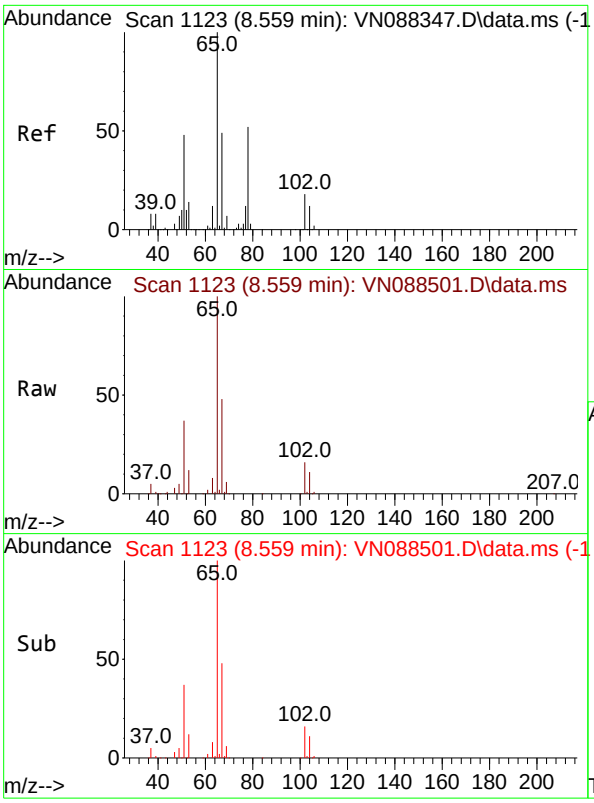


#25
2-Butanone
Concen: 6.422 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Tgt Ion: 43 Resp: 14310

Ion	Ratio	Lower	Upper
43	100		
72	19.1	20.5	30.7#



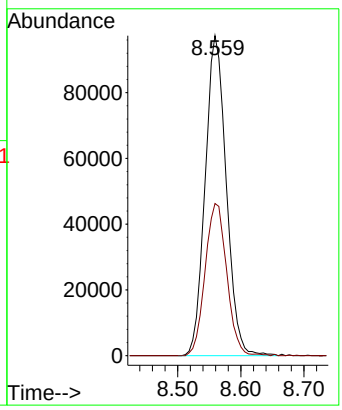


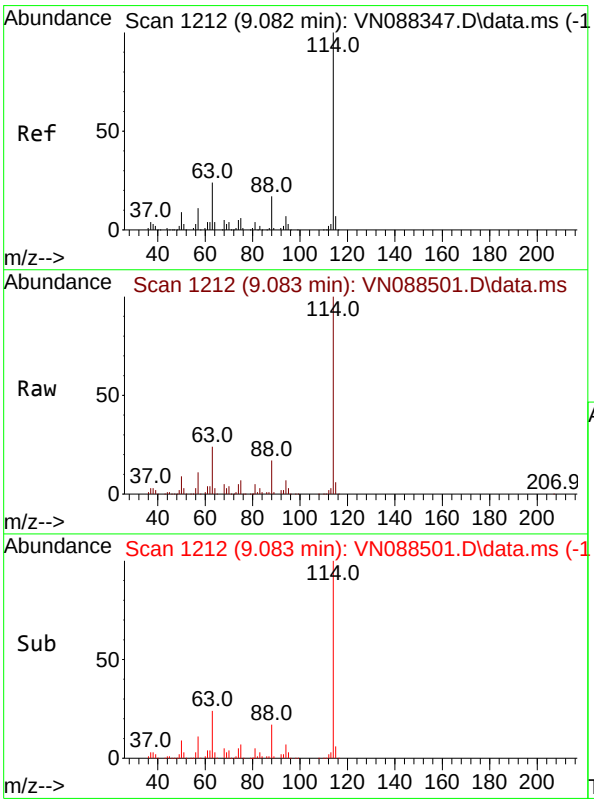
#33
1,2-Dichloroethane-d4
Concen: 58.934 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion: 65 Resp: 225858

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	100.8

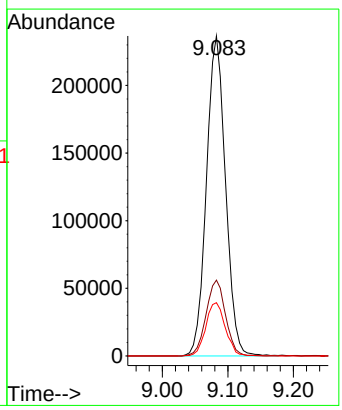


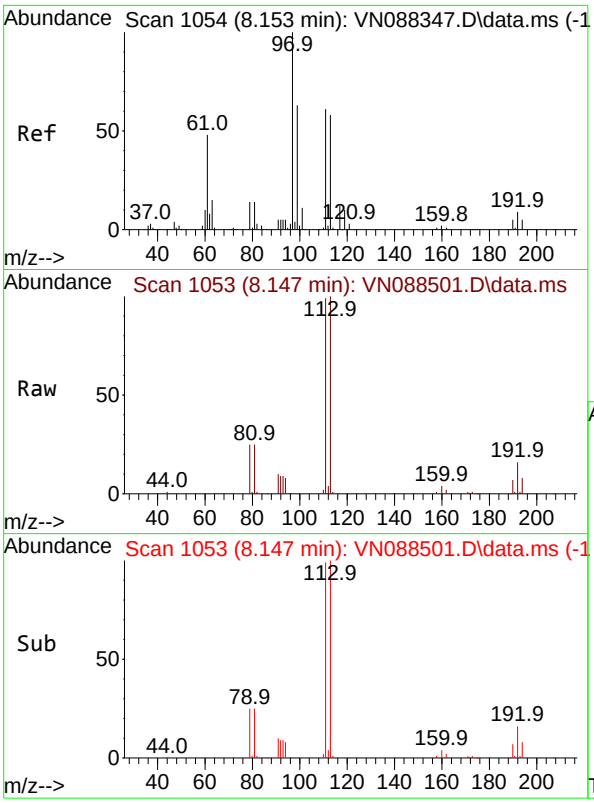


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Tgt Ion:114 Resp: 477666

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	49.0
88	16.7	0.0	34.0



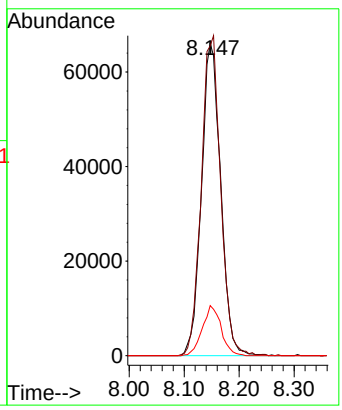


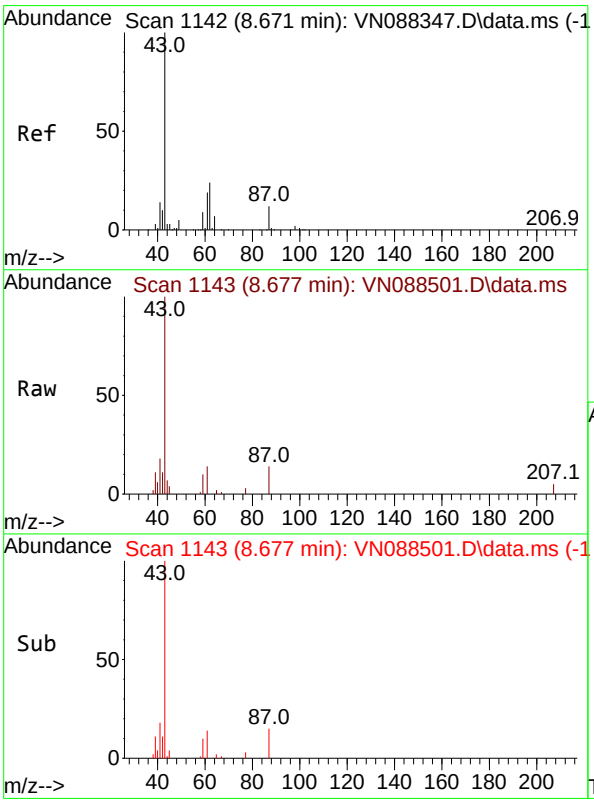
#35
Dibromofluoromethane
Concen: 48.547 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion:113 Resp: 160701

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.5	123.7
192	15.7	12.8	19.2

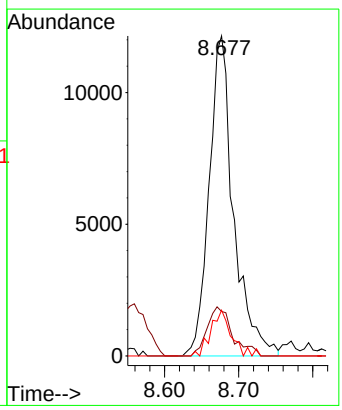


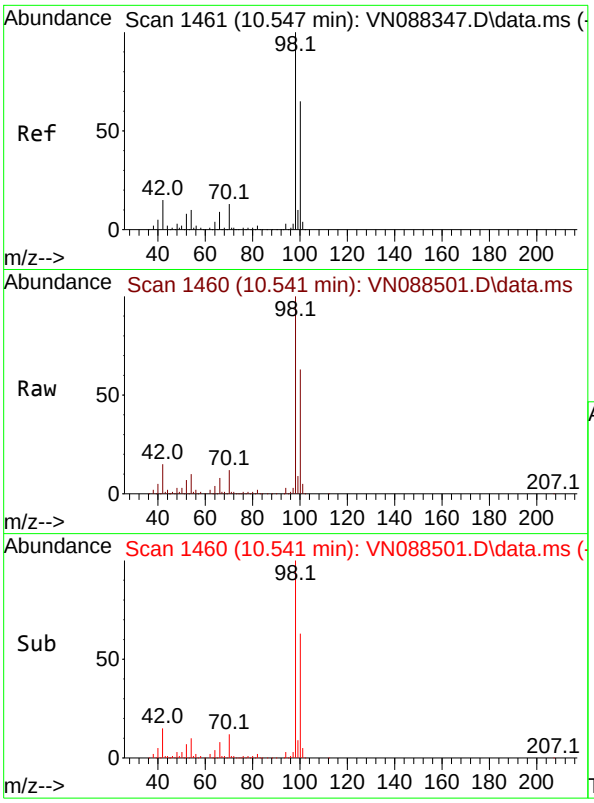


#43
Isopropyl Acetate
Concen: 2.711 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Tgt Ion: 43 Resp: 27822

Ion	Ratio	Lower	Upper
43	100		
61	15.9	18.7	28.1#
87	12.1	9.1	13.7



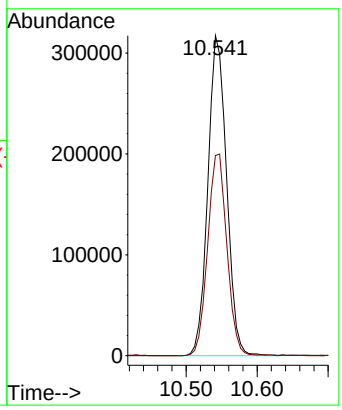


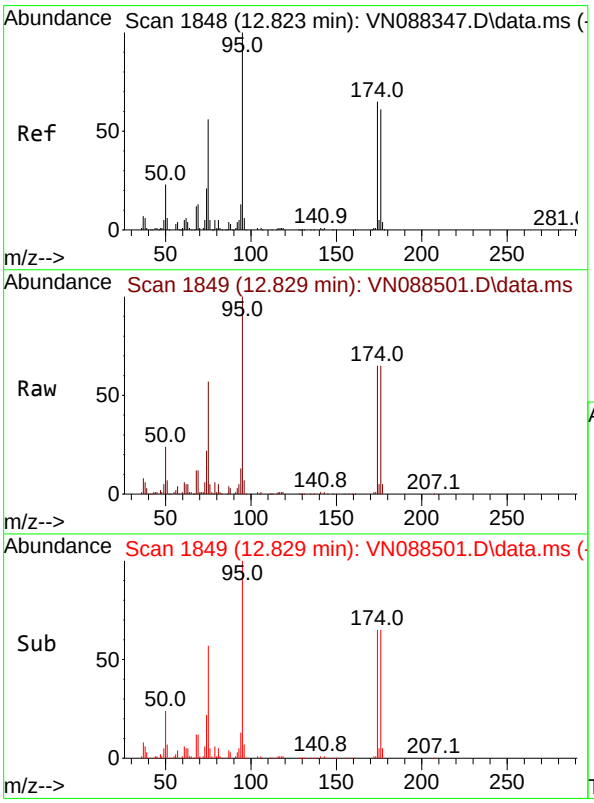
#50
Toluene-d8
Concen: 47.145 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion: 98 Resp: 580660

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

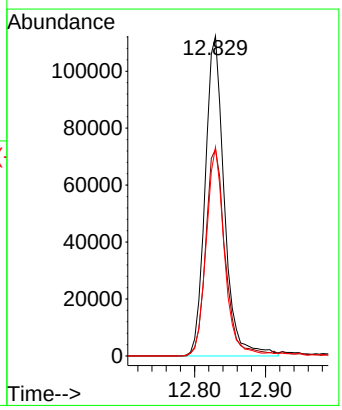


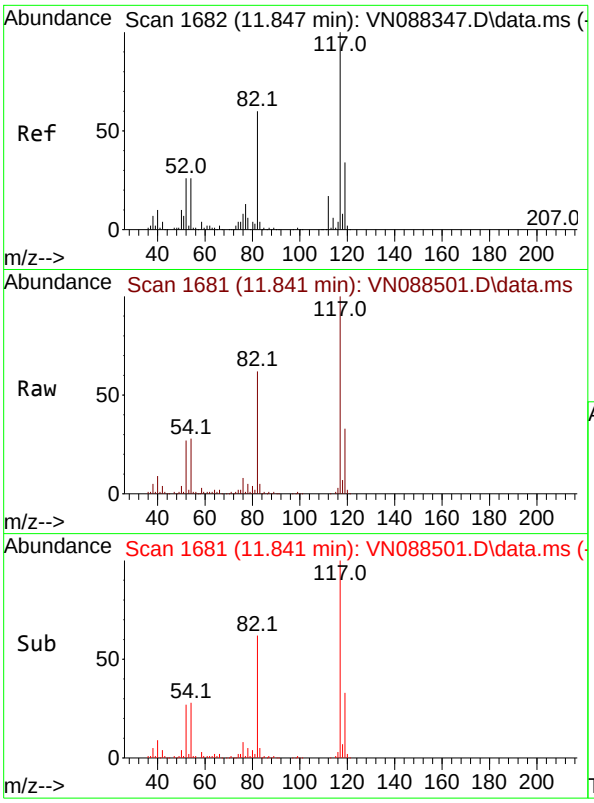


#62
4-Bromofluorobenzene
Concen: 49.788 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Tgt Ion: 95 Resp: 210405

Ion	Ratio	Lower	Upper
95	100		
174	65.7	0.0	139.0
176	63.6	0.0	132.4



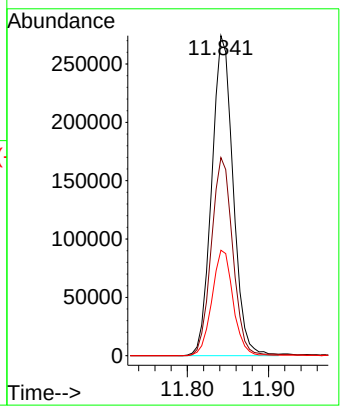


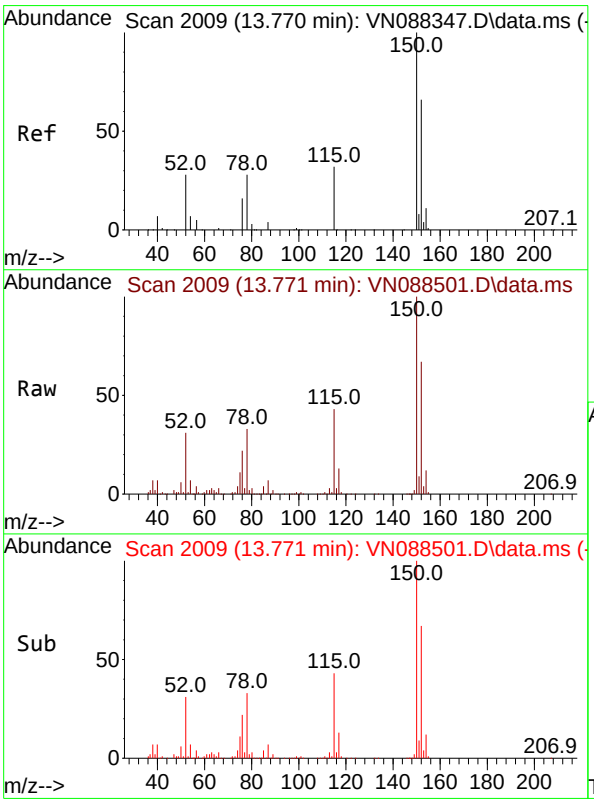
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088501.D
Acq: 10 Dec 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion:117 Resp: 501169

Ion	Ratio	Lower	Upper
117	100		
82	61.9	47.8	71.8
119	33.0	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: VN088501.D
Acq: 10 Dec 2025 15:29

Tgt Ion:152 Resp: 226784

Ion	Ratio	Lower	Upper
152	100		
115	64.1	33.0	98.9
150	152.5	0.0	349.0