Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087945.D
Acq On : 24 Sep 2025 13:47
Operator : JC\MD
Sample : Q3167-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RT4784

Quant Time: Sep 25 03:11:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	213965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	481766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	501665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	231121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	206225	57.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.540%			
35) Dibromofluoromethane	8.153	113	168215	48.090	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.180%			
50) Toluene-d8	10.547	98	594738	48.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.700%			
62) 4-Bromofluorobenzene	12.829	95	202155	45.977	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.960%			
Target Compounds						Qvalue
16) Acetone	4.430	43	25712	17.355	ug/l	92
18) Methyl Acetate	5.024	43	20316	5.479	ug/l #	79
20) Methylene Chloride	5.259	84	12415	4.140	ug/l	98
37) Ethyl Acetate	7.553	43	10607	1.920	ug/l #	91
43) Isopropyl Acetate	8.671	43	14955	1.720	ug/l #	79

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

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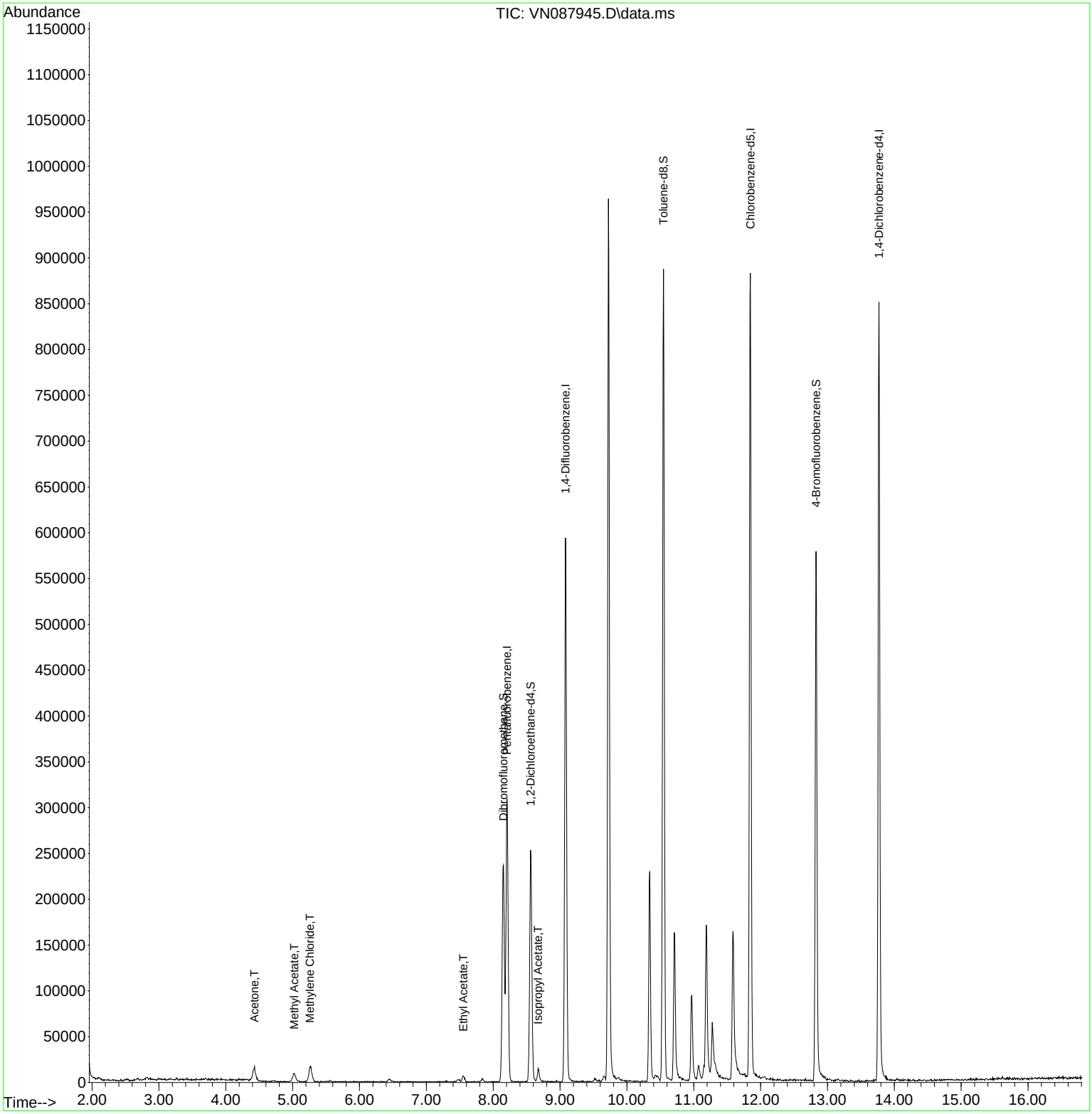
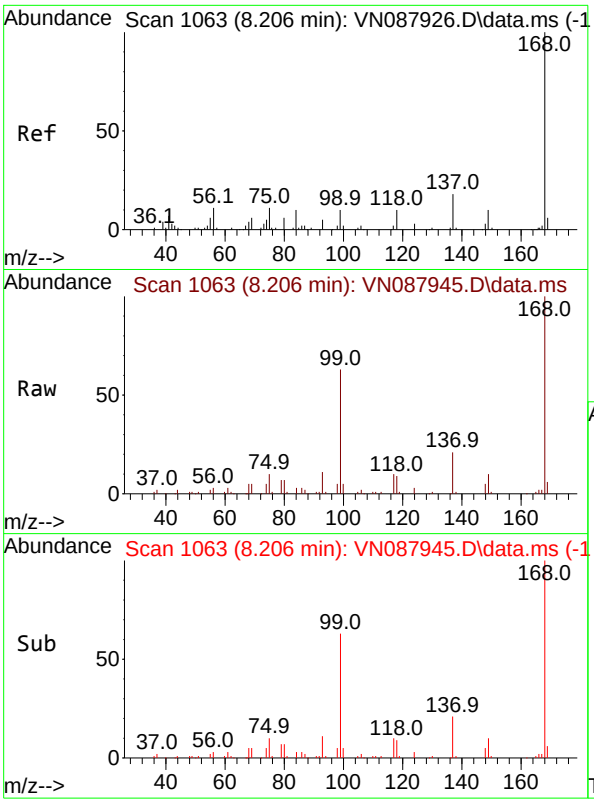


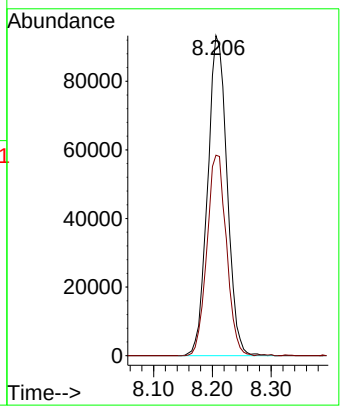


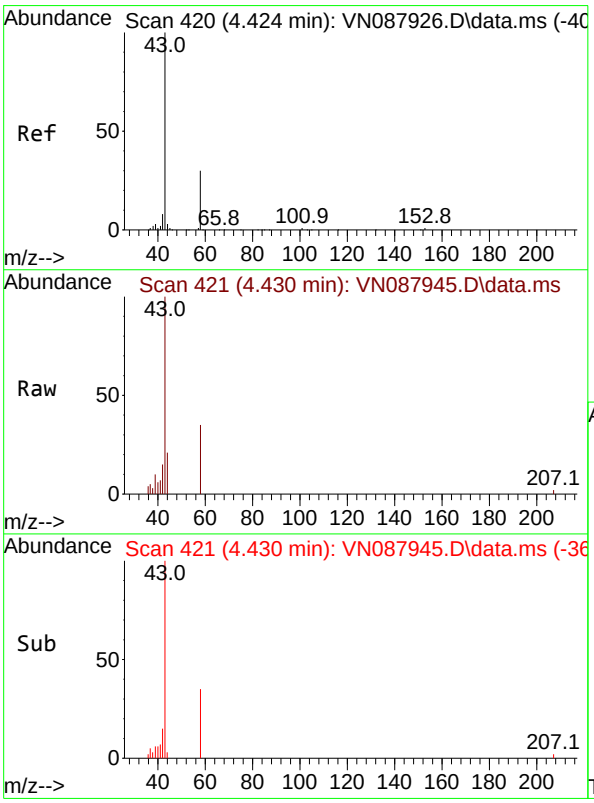
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
RT4784

Tgt Ion:168 Resp: 213965

Ion	Ratio	Lower	Upper
168	100		
99	62.7	52.2	78.2

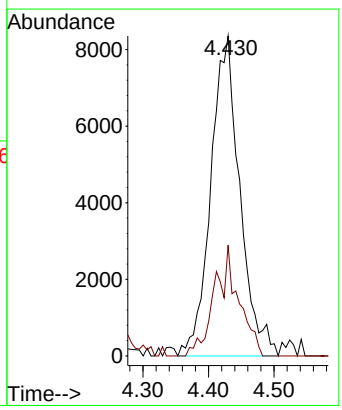


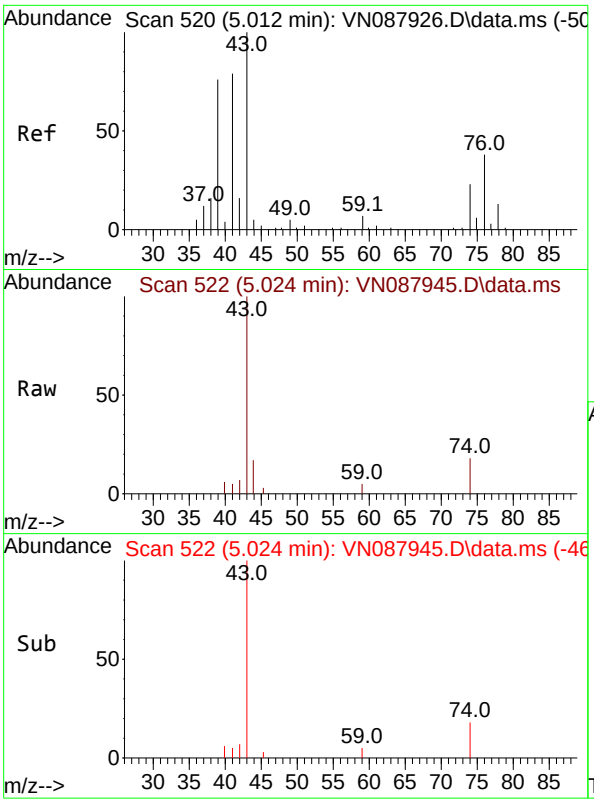


#16
Acetone
Concen: 17.355 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Tgt Ion: 43 Resp: 25712

Ion	Ratio	Lower	Upper
43	100		
58	34.6	24.1	36.1



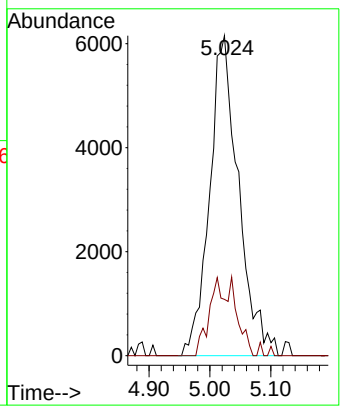


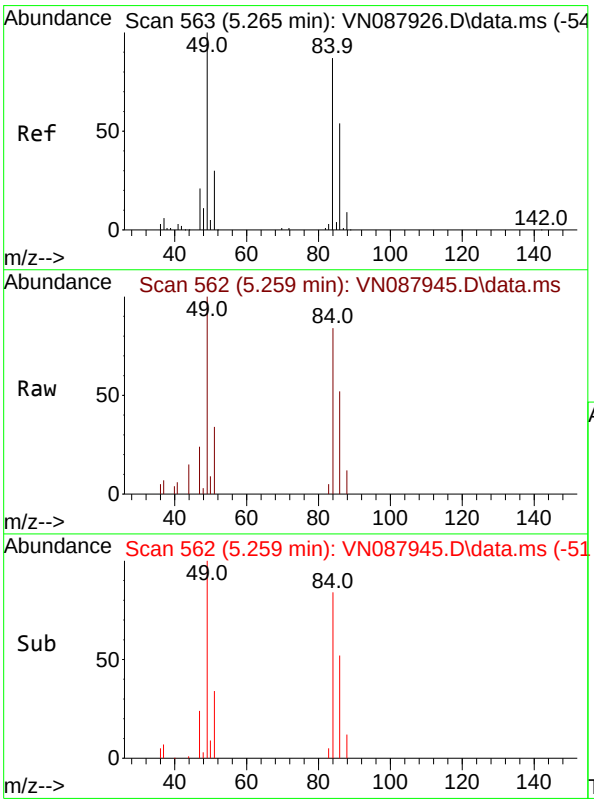
#18
Methyl Acetate
Concen: 5.479 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
RT4784

Tgt Ion: 43 Resp: 20316

Ion	Ratio	Lower	Upper
43	100		
74	14.2	19.7	29.5#

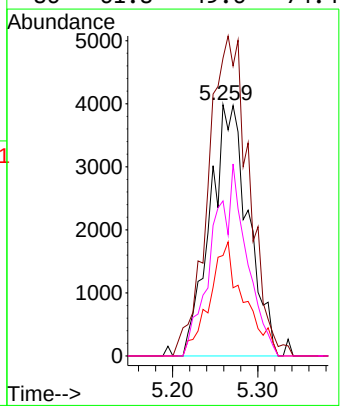


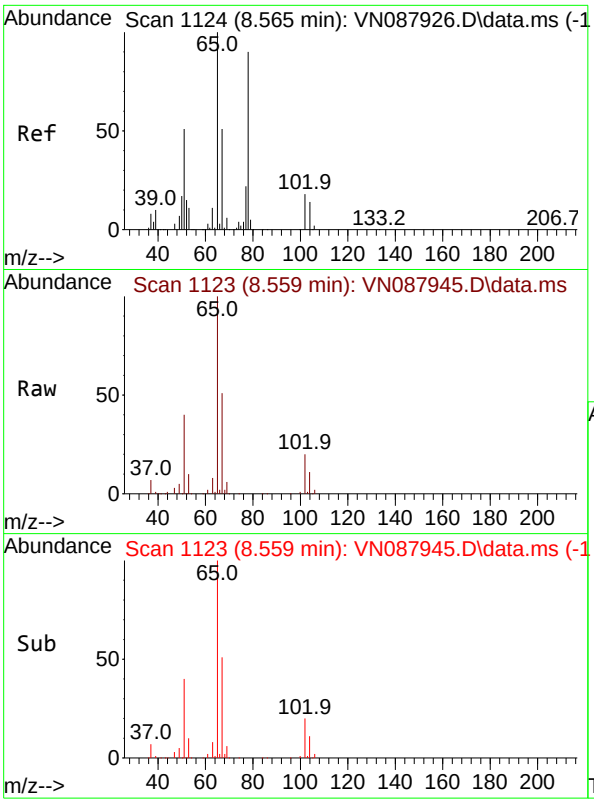


#20
Methylene Chloride
Concen: 4.140 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Tgt Ion: 84 Resp: 12415

Ion	Ratio	Lower	Upper
84	100		
49	114.8	92.1	138.1
51	40.0	27.7	41.5
86	61.8	49.6	74.4



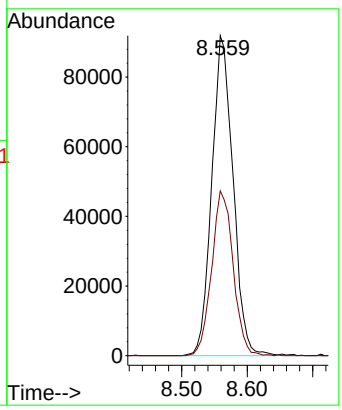


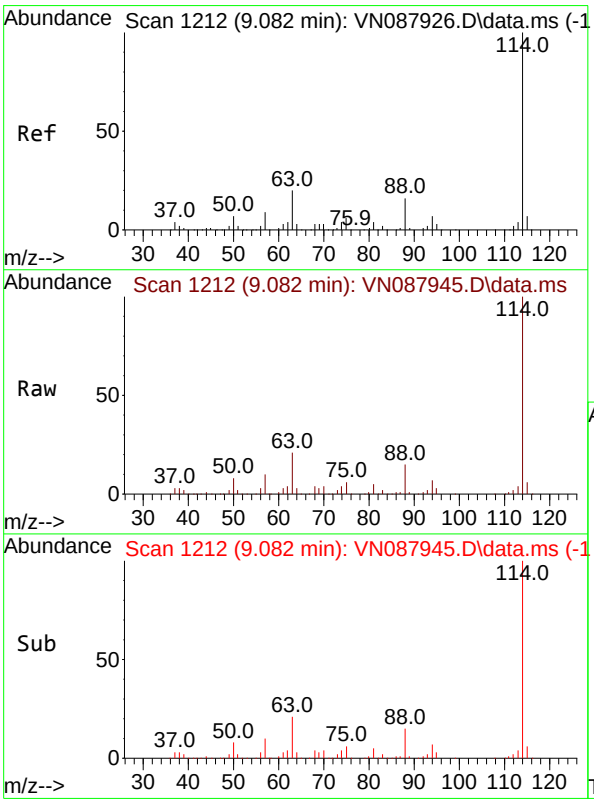
#33
1,2-Dichloroethane-d4
Concen: 57.271 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
RT4784

Tgt Ion: 65 Resp: 206225

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.4

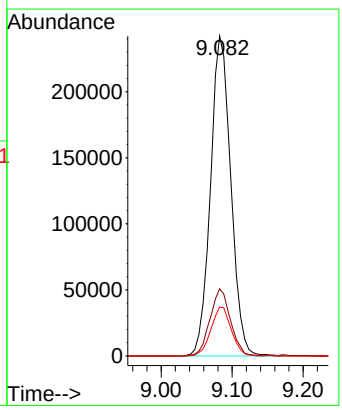


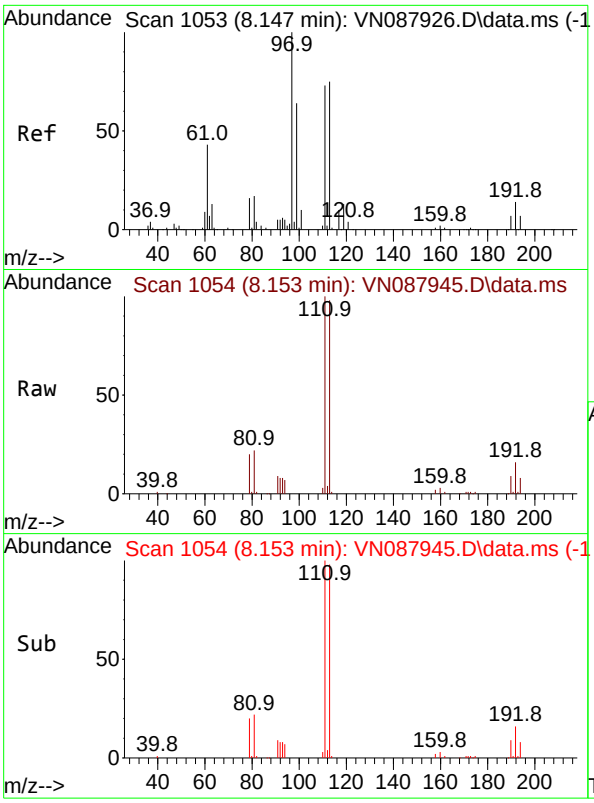


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Tgt Ion:114 Resp: 481766

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.0
88	15.3	0.0	31.8



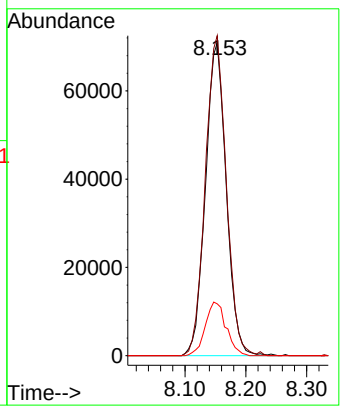


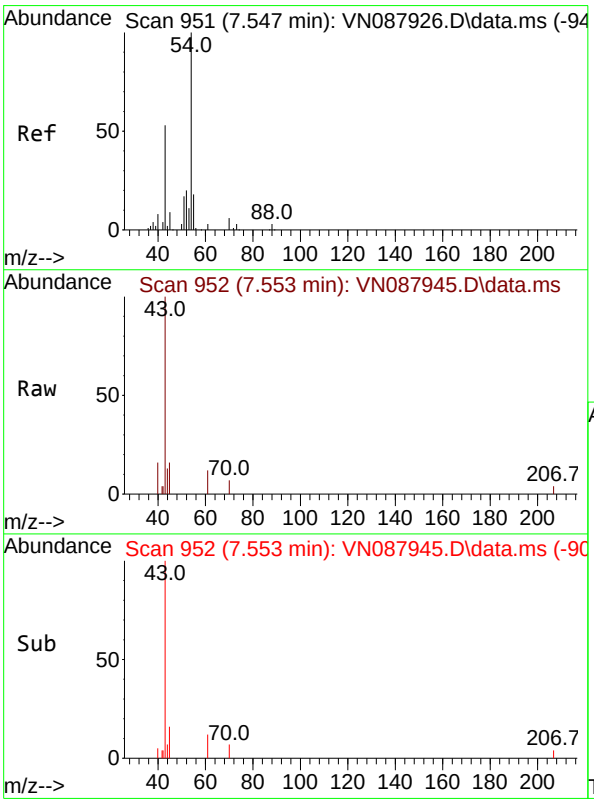
#35
Dibromofluoromethane
Concen: 48.090 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
RT4784

Tgt Ion:113 Resp: 168215

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	17.2	14.2	21.2

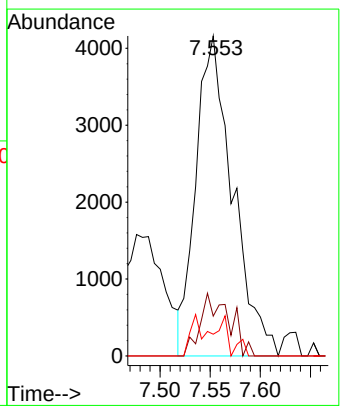


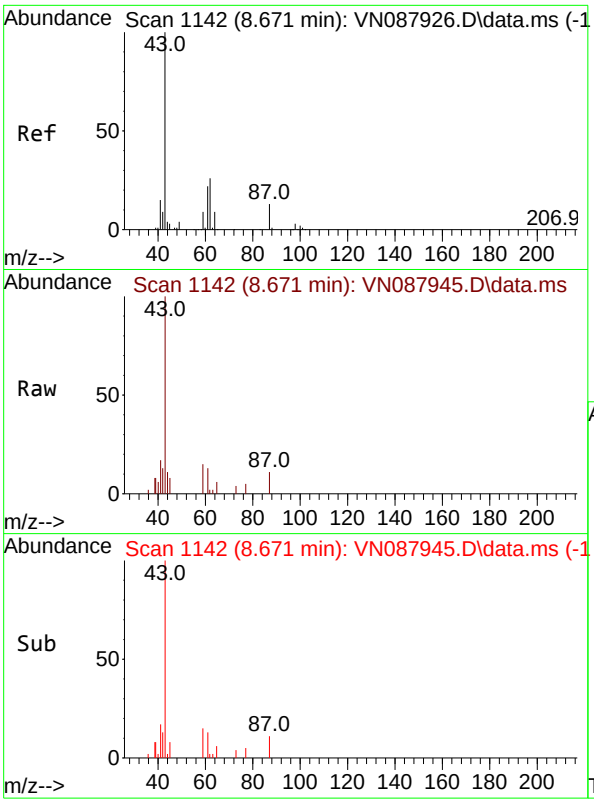


#37
Ethyl Acetate
Concen: 1.920 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Tgt Ion: 43 Resp: 10607

Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.7	16.1
70	4.1	7.8	11.8#



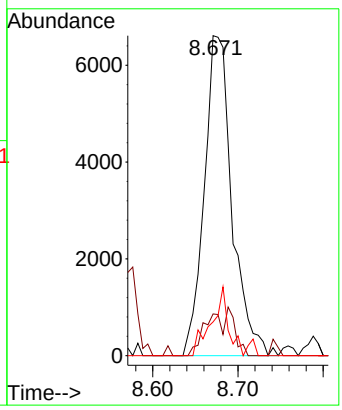


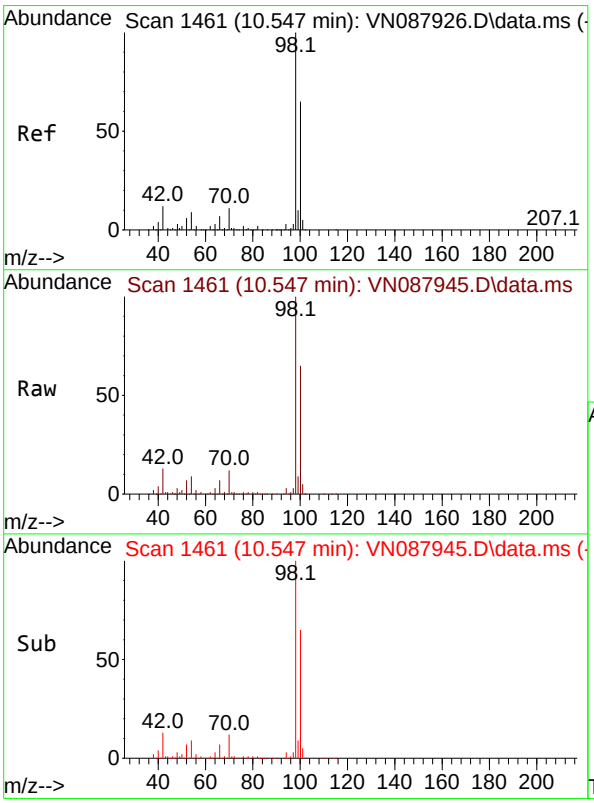
#43
Isopropyl Acetate
Concen: 1.720 ug/l
RT: 8.671 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
RT4784

Tgt Ion: 43 Resp: 14955

Ion	Ratio	Lower	Upper
43	100		
61	9.1	20.2	30.2#
87	13.2	10.9	16.3

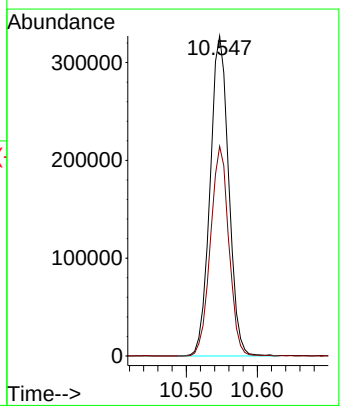


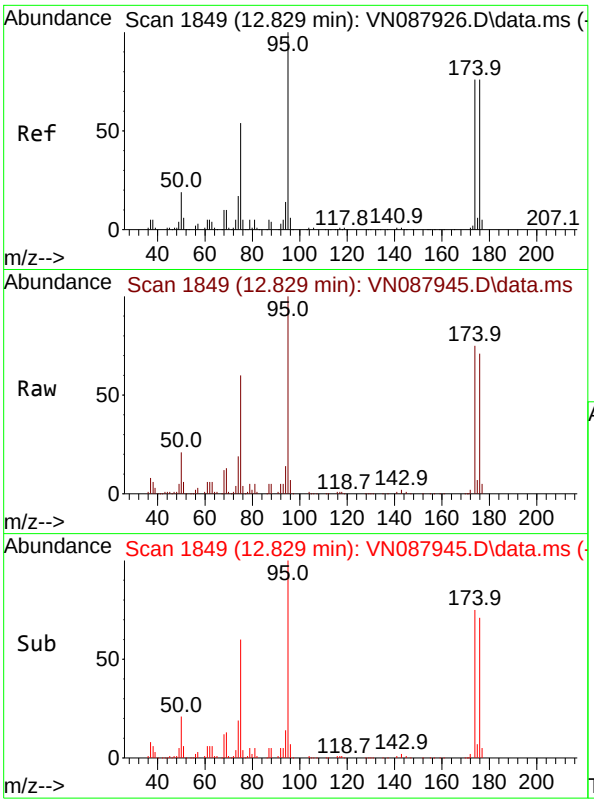


#50
Toluene-d8
Concen: 48.350 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Tgt Ion: 98 Resp: 594738

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5



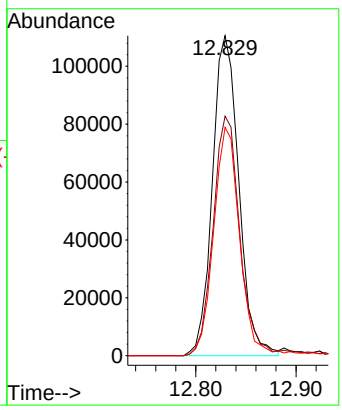


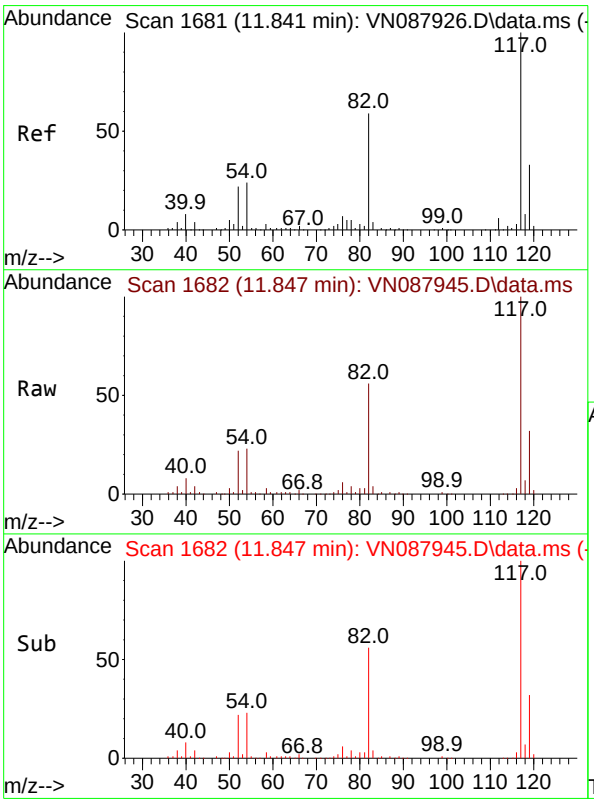
#62
4-Bromofluorobenzene
Concen: 45.977 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
RT4784

Tgt Ion: 95 Resp: 202155

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	159.2
176	71.5	0.0	152.6

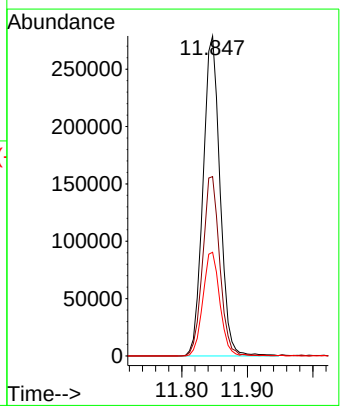


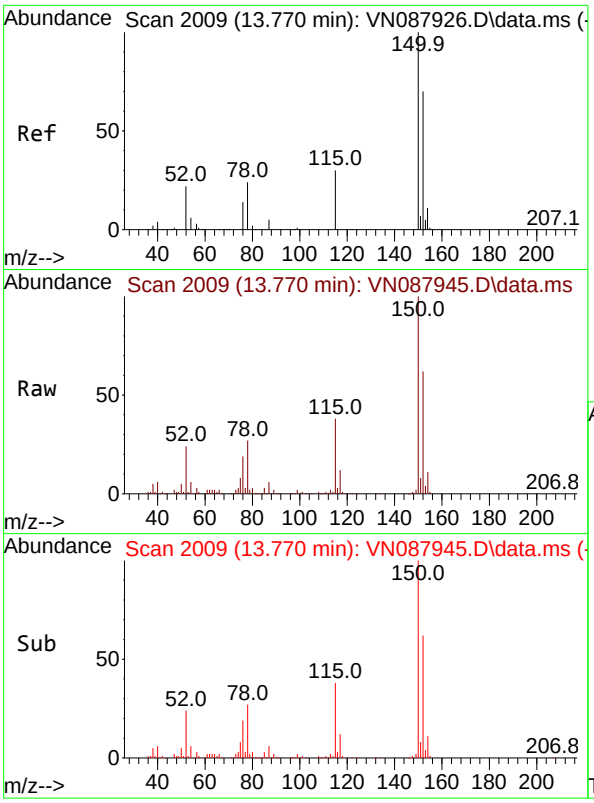


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Tgt Ion:117 Resp: 501665

Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.0	70.4
119	32.4	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087945.D
Acq: 24 Sep 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
RT4784

Tgt Ion:152 Resp: 231121

Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.9	89.7
150	159.6	0.0	335.0