Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
Data File : VN087254.D
Acq On : 01 Jul 2025 11:57
Operator : JC\MD
Sample : Q2452-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Quant Time: Jul 02 02:00:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	218634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	412667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	392142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	194168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	150894	54.991	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.980%			
35) Dibromofluoromethane	8.171	113	132430	50.119	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	10.565	98	507207	49.247	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.847	95	178523	48.716	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.440%			
Target Compounds						Qvalue
16) Acetone	4.453	43	20602	19.638	ug/l	100
18) Methyl Acetate	5.053	43	16183	6.738	ug/l	98
20) Methylene Chloride	5.300	84	12416	5.343	ug/l #	81
37) Ethyl Acetate	7.577	43	11476	2.971	ug/l	98
43) Isopropyl Acetate	8.694	43	7609	1.270	ug/l #	87

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

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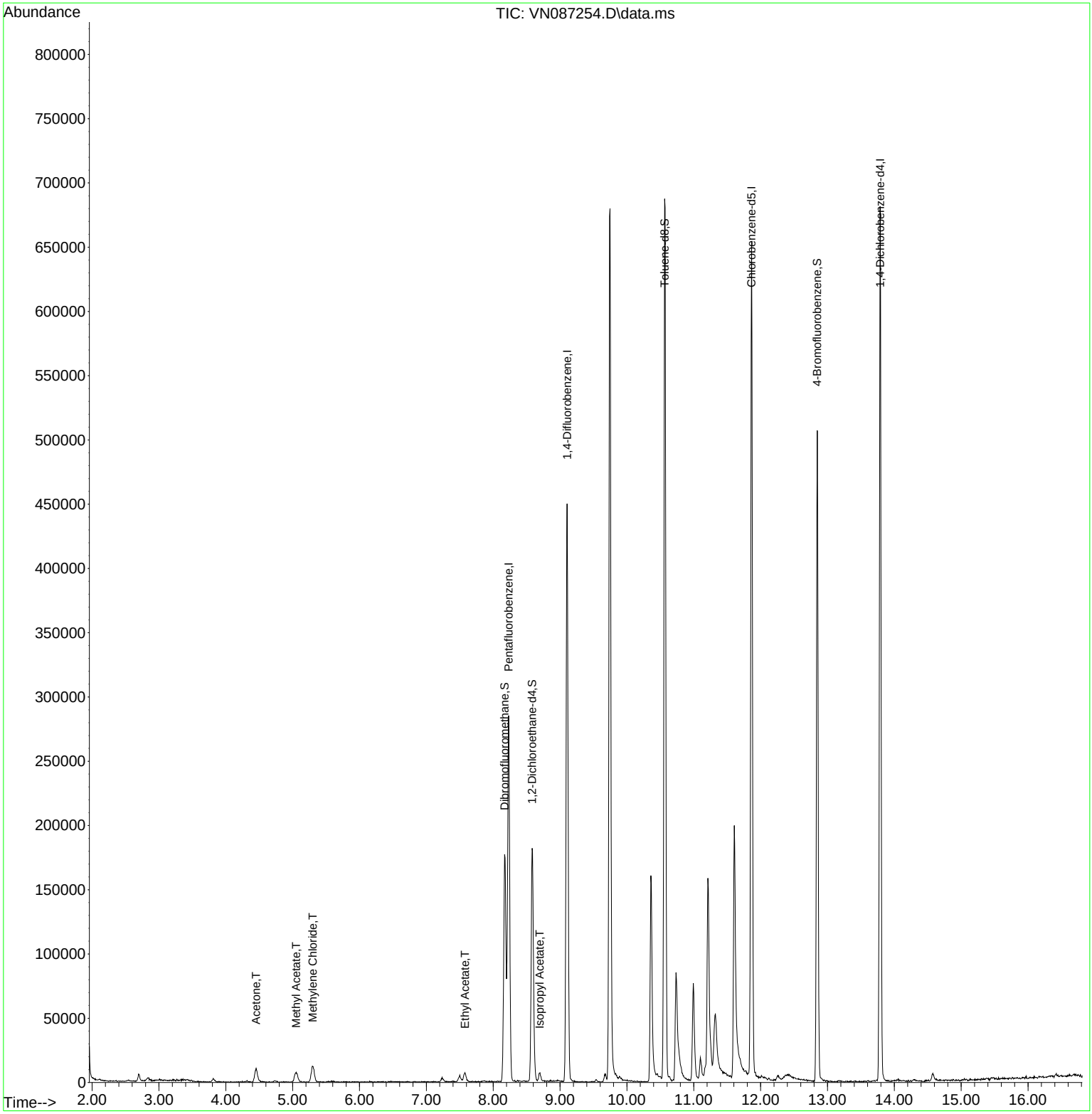
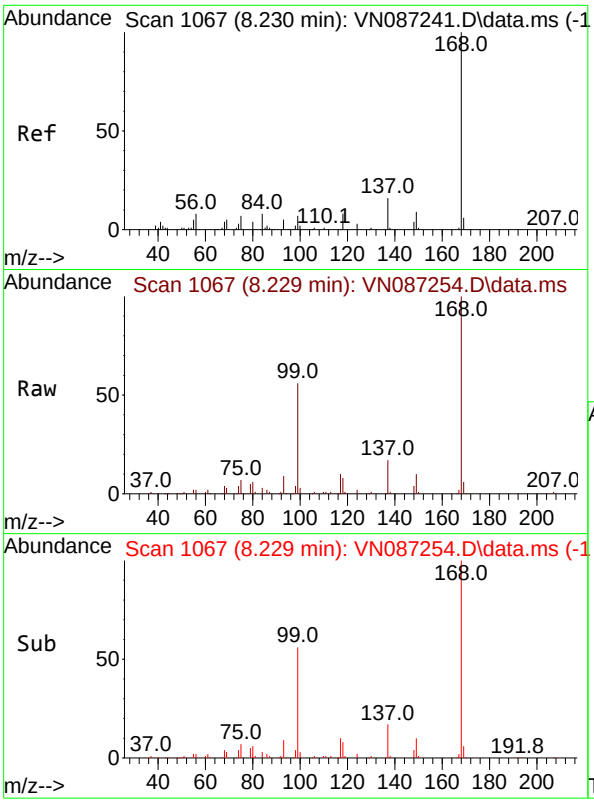


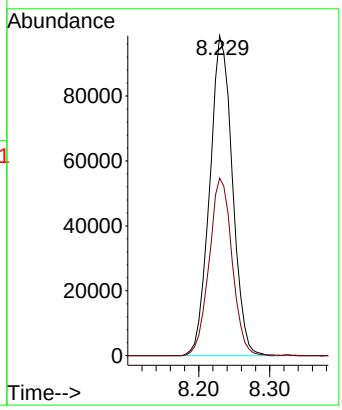


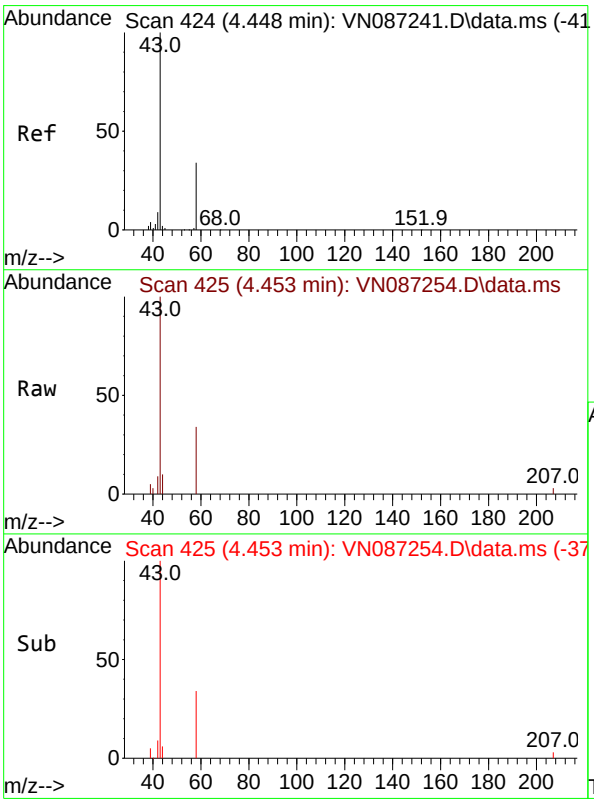
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion:168 Resp: 218634

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.6	64.0

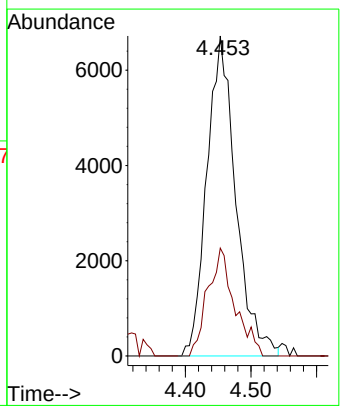


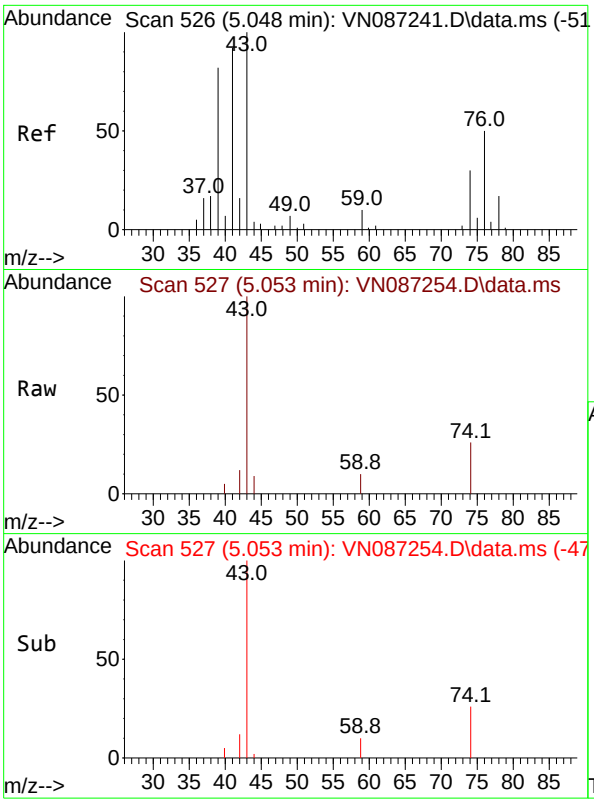


#16
Acetone
Concen: 19.638 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Tgt Ion: 43 Resp: 20602

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.1	40.7



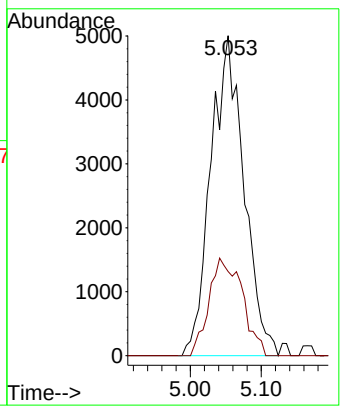


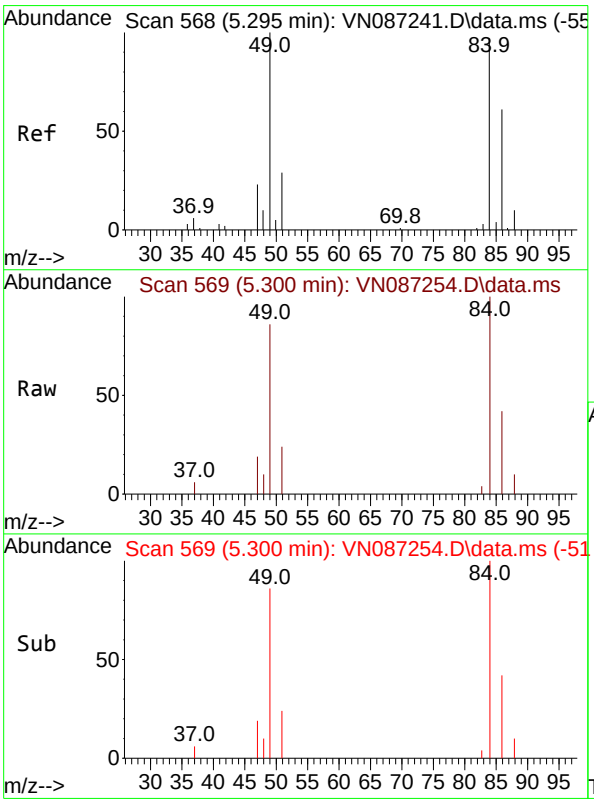
#18
Methyl Acetate
Concen: 6.738 ug/l
RT: 5.053 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion: 43 Resp: 16183

Ion	Ratio	Lower	Upper
43	100		
74	30.8	23.8	35.6

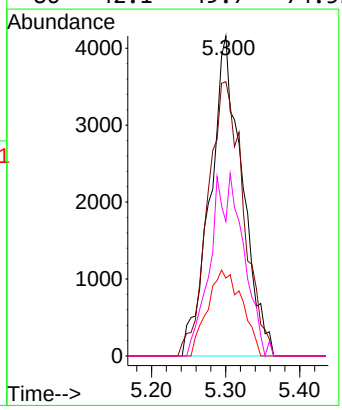


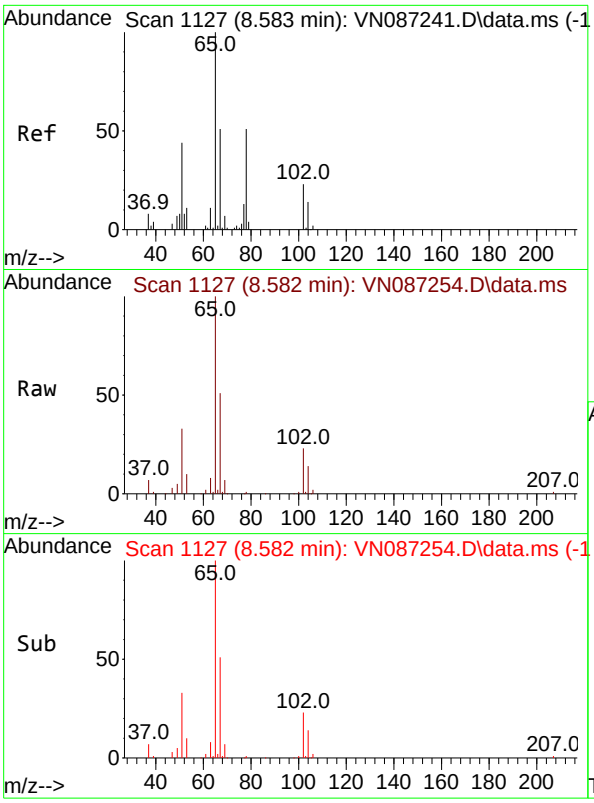


#20
Methylene Chloride
Concen: 5.343 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Tgt Ion: 84 Resp: 12416

Ion	Ratio	Lower	Upper
84	100		
49	85.7	82.1	123.1
51	24.4	23.5	35.3
86	42.1	49.7	74.5#



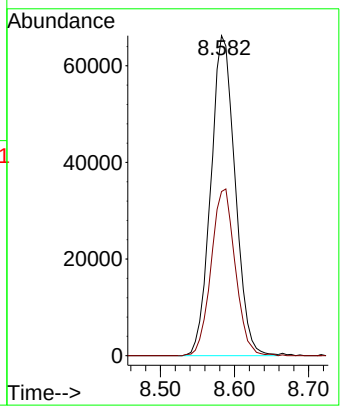


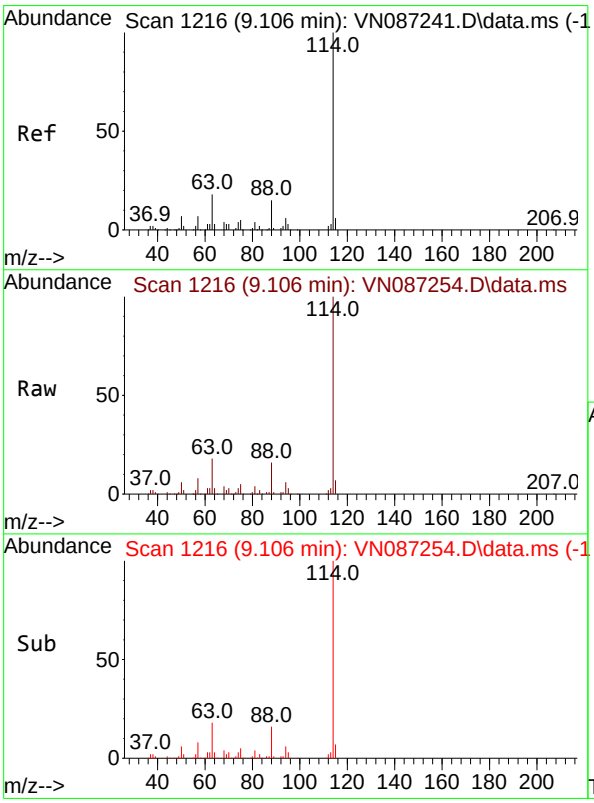
#33
1,2-Dichloroethane-d4
Concen: 54.991 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion: 65 Resp: 150894

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

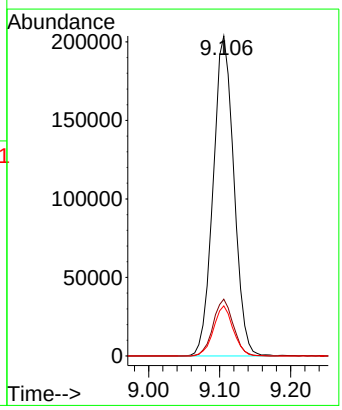


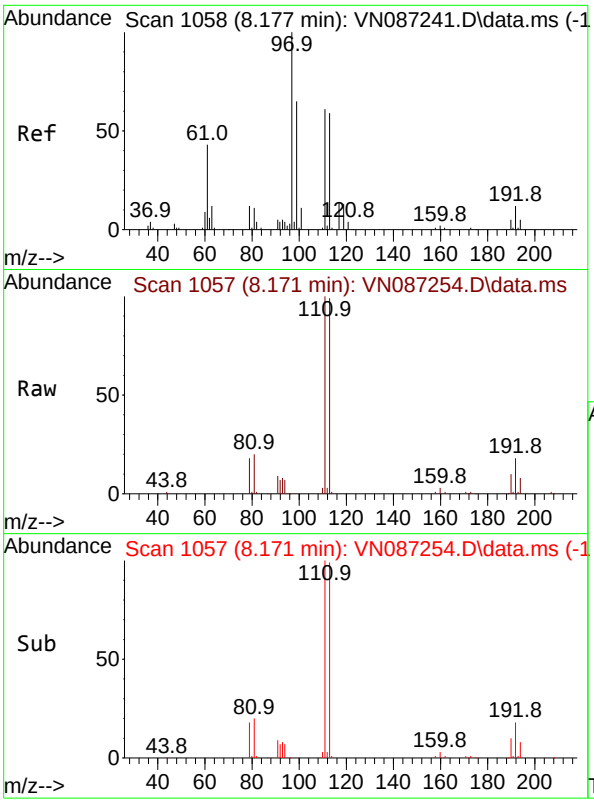


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Tgt Ion:114 Resp: 412667

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.6
88	15.7	0.0	29.6



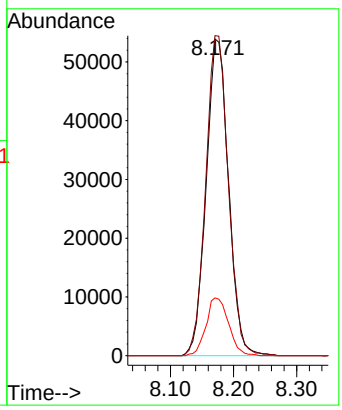


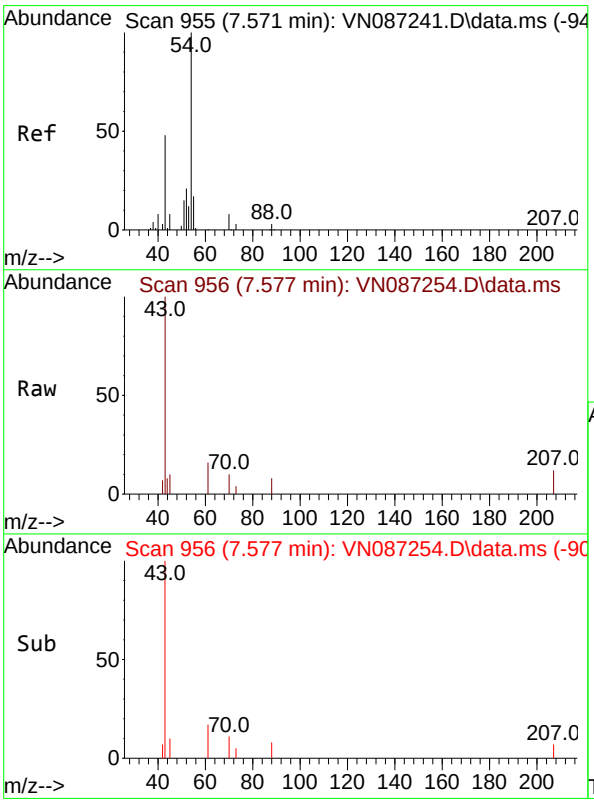
#35
Dibromofluoromethane
Concen: 50.119 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion:113 Resp: 132430

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	18.4	15.1	22.7

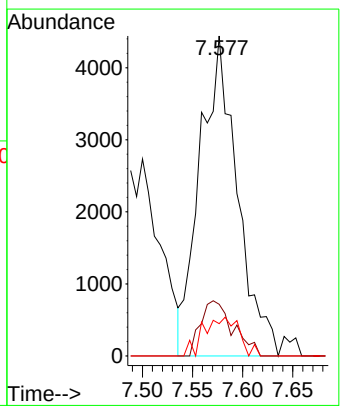


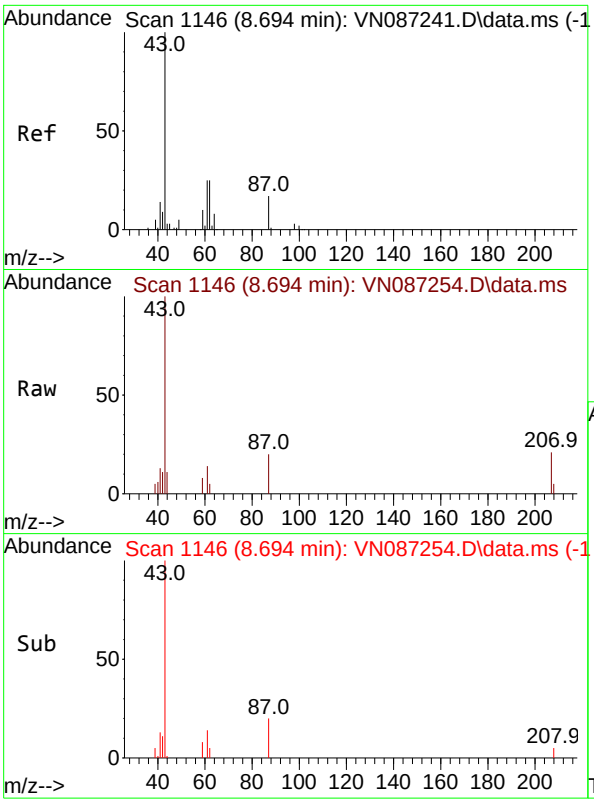


#37
Ethyl Acetate
Concen: 2.971 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Tgt Ion: 43 Resp: 11476

Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.3	16.9
70	11.6	9.9	14.9



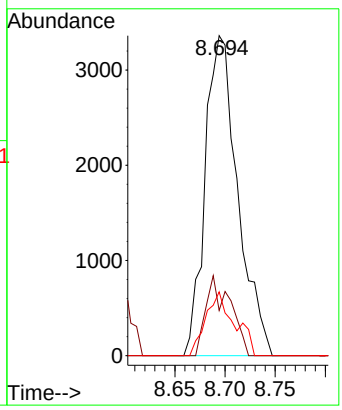


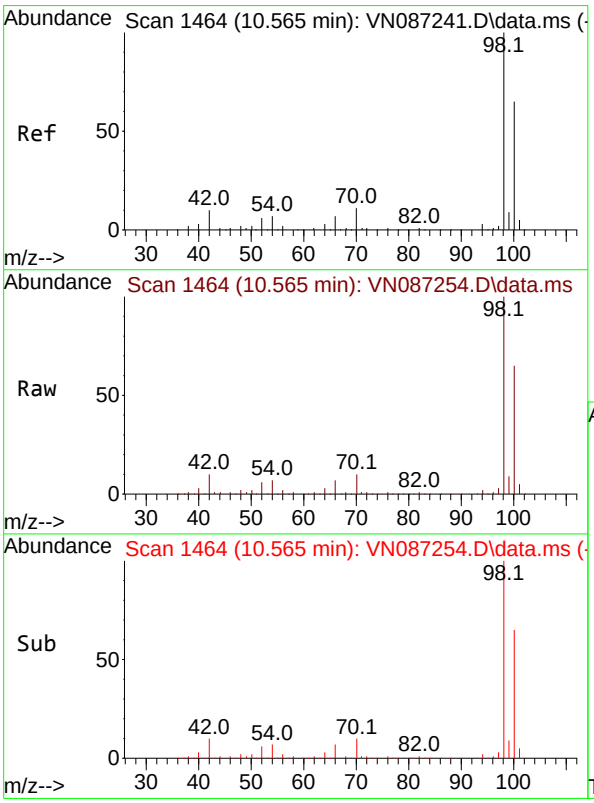
#43
Isopropyl Acetate
Concen: 1.270 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion: 43 Resp: 7609

Ion	Ratio	Lower	Upper
43	100		
61	18.7	22.4	33.6#
87	17.5	12.8	19.2

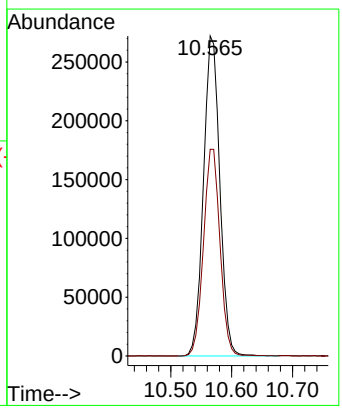


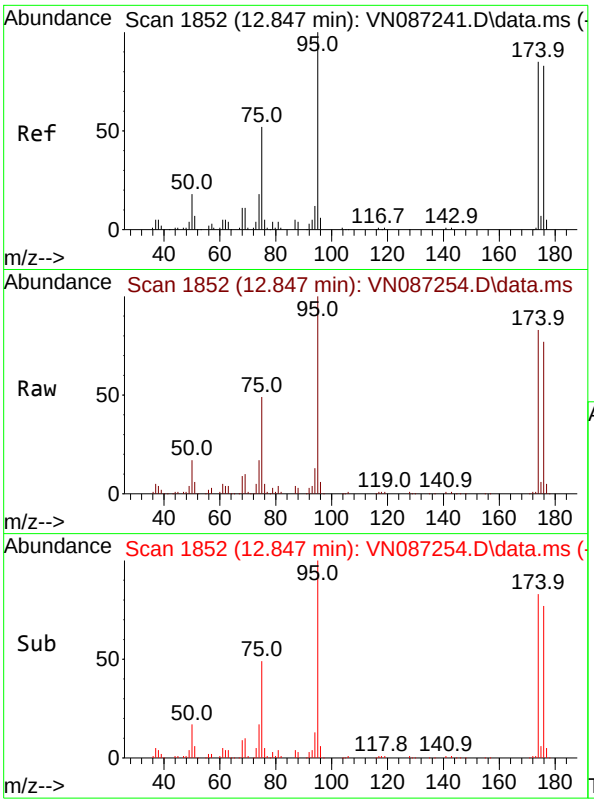


#50
Toluene-d8
Concen: 49.247 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Tgt Ion: 98 Resp: 507207

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1



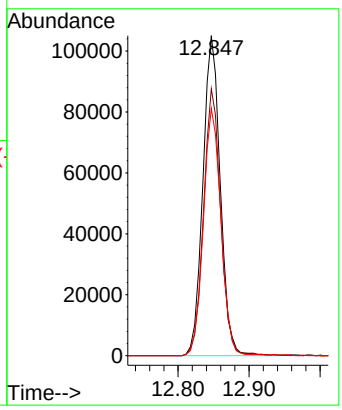


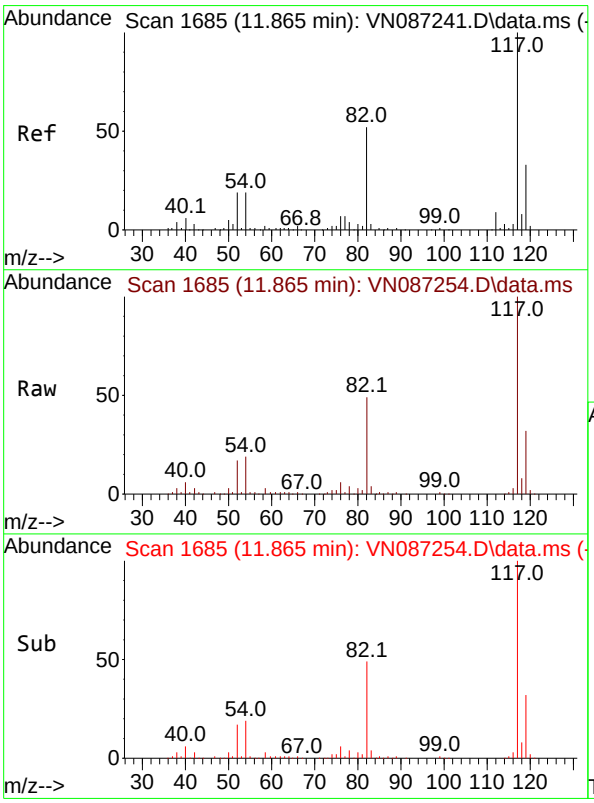
#62
4-Bromofluorobenzene
Concen: 48.716 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion: 95 Resp: 178523

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	169.6
176	77.9	0.0	161.6

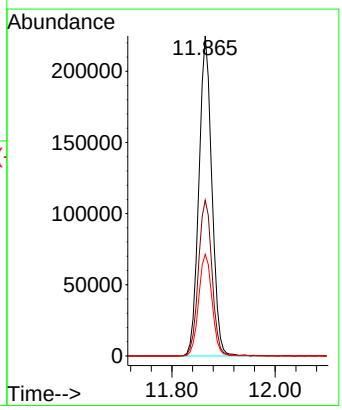


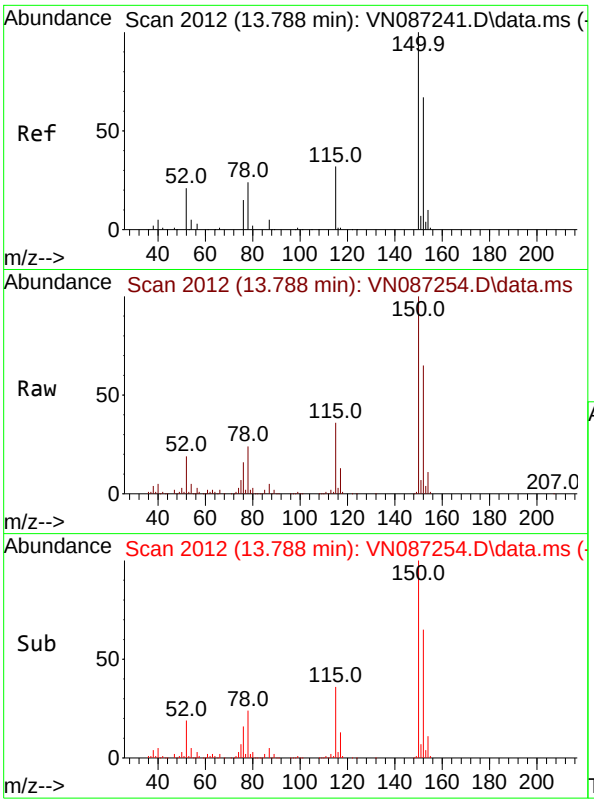


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Tgt Ion:117 Resp: 392142

Ion	Ratio	Lower	Upper
117	100		
82	48.7	41.9	62.9
119	31.7	26.2	39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087254.D
Acq: 01 Jul 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 194168

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.3	84.9
150	156.4	0.0	344.6