Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087134.D
Acq On : 20 Jun 2025 13:25
Operator : JC\MD
Sample : Q2367-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP-5

Quant Time: Jun 20 23:05:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	192356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	377316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	161184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137972	53.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.140%			
35) Dibromofluoromethane	8.177	113	117751	52.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.320%			
50) Toluene-d8	10.565	98	478261	54.029	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.847	95	157135	47.779	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.560%			
Target Compounds						Qvalue
16) Acetone	4.453	43	30100	22.039	ug/l	97
18) Methyl Acetate	5.047	43	24914	6.260	ug/l	99
20) Methylene Chloride	5.312	84	4907	1.919	ug/l #	78
37) Ethyl Acetate	7.577	43	16897	3.984	ug/l	99
43) Isopropyl Acetate	8.694	43	10199	1.498	ug/l	96

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

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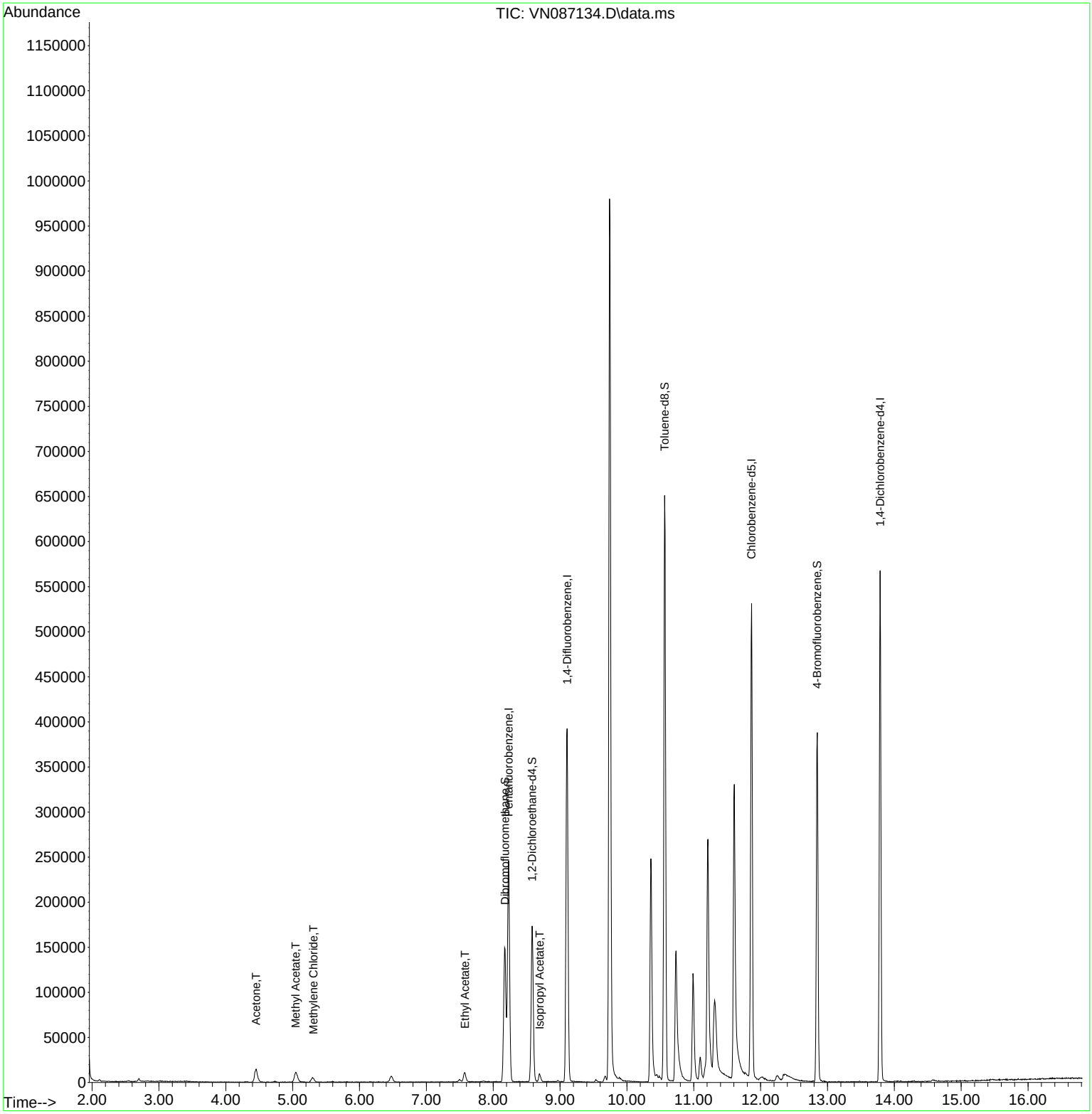
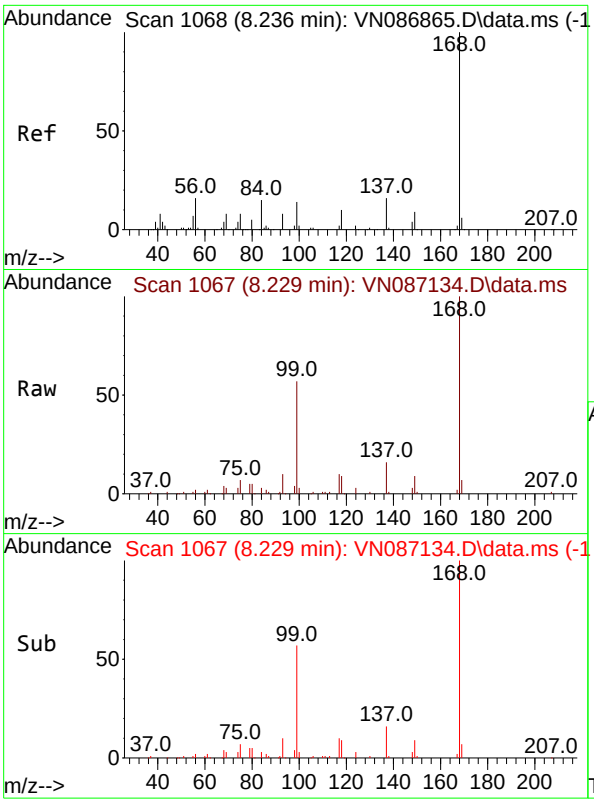


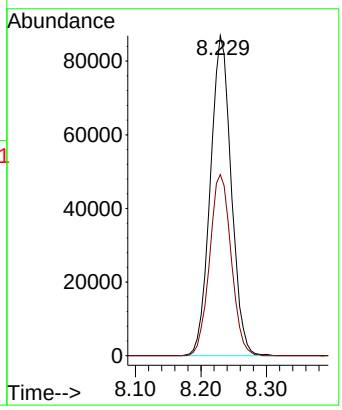


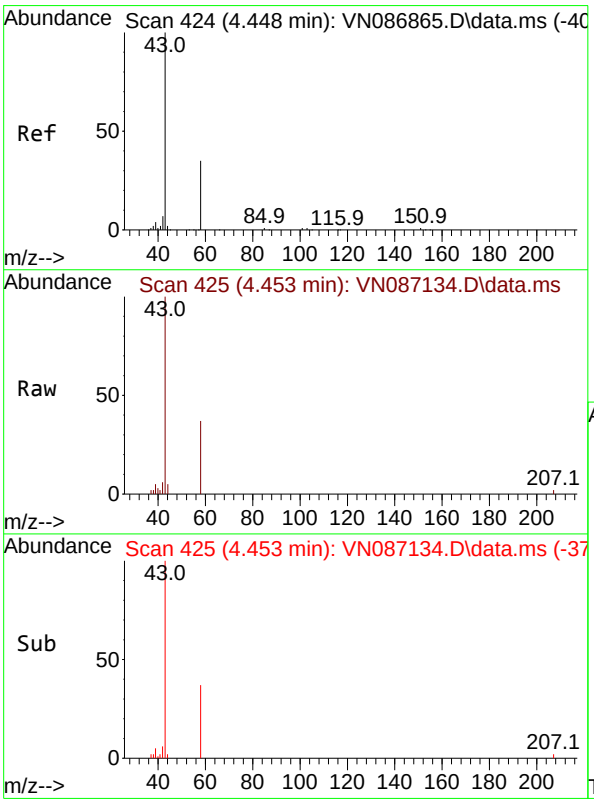
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
EP-5

Tgt Ion:168 Resp: 192356

Ion	Ratio	Lower	Upper
168	100		
99	56.6	49.1	73.7

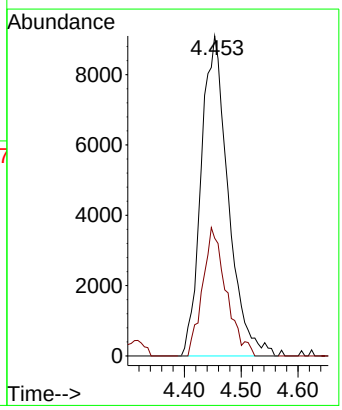


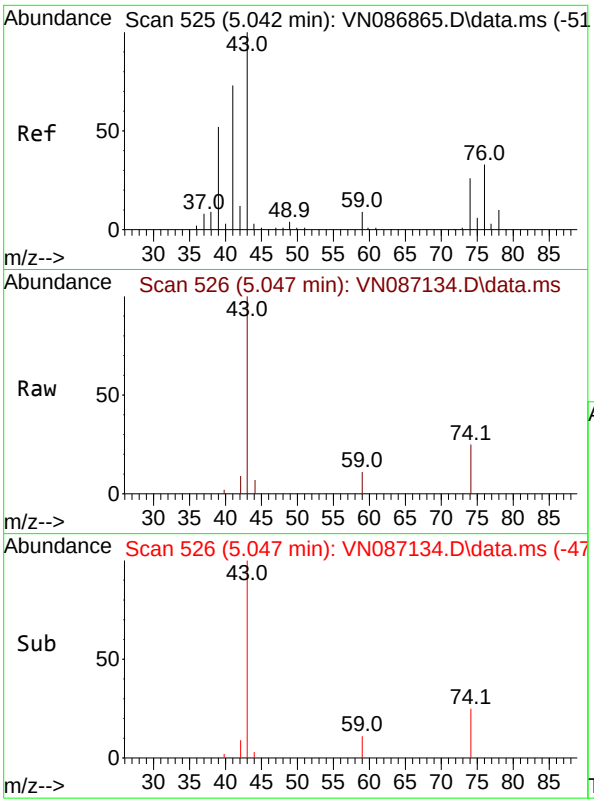


#16
Acetone
Concen: 22.039 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Tgt Ion: 43 Resp: 30100

Ion	Ratio	Lower	Upper
43	100		
58	36.8	28.0	42.0



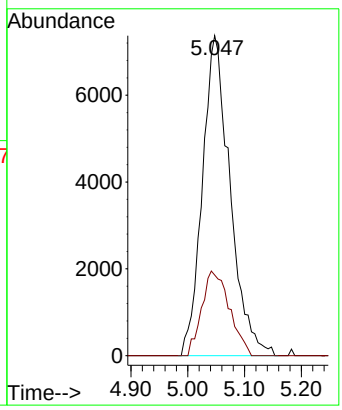


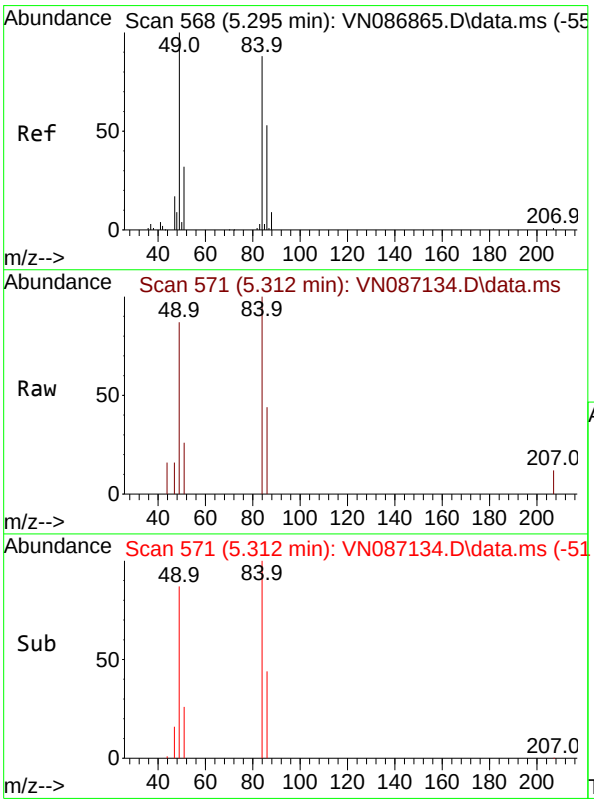
#18
Methyl Acetate
Concen: 6.260 ug/l
RT: 5.047 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
EP-5

Tgt Ion: 43 Resp: 24914

Ion	Ratio	Lower	Upper
43	100		
74	26.5	20.7	31.1

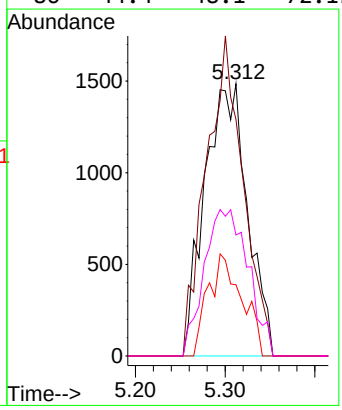


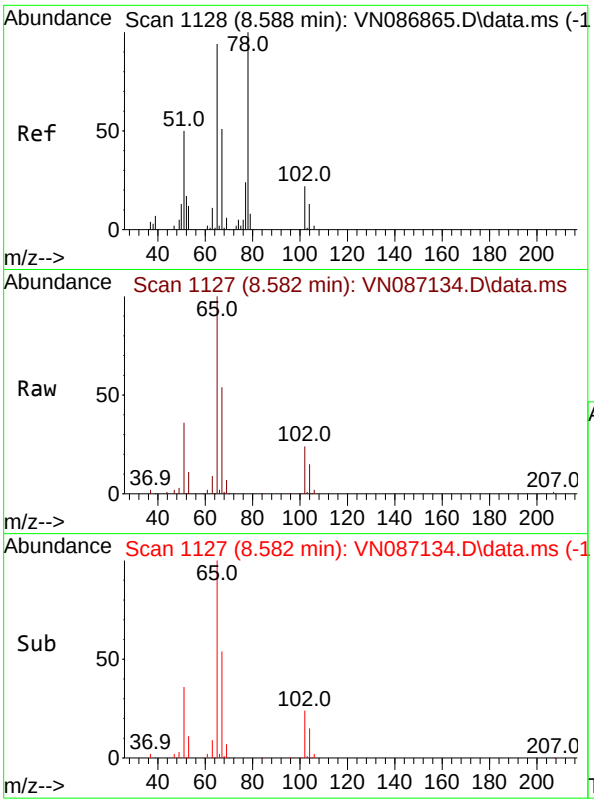


#20
Methylene Chloride
Concen: 1.919 ug/l
RT: 5.312 min Scan# 571
Delta R.T. 0.017 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Tgt Ion: 84 Resp: 4907

Ion	Ratio	Lower	Upper
84	100		
49	86.9	90.5	135.7#
51	26.2	28.5	42.7#
86	44.4	48.1	72.1#



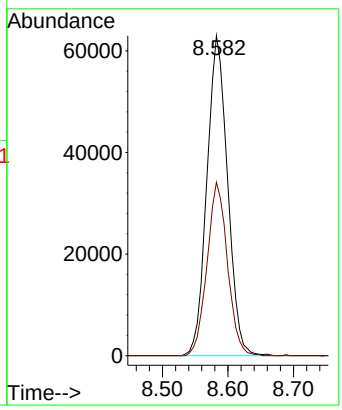


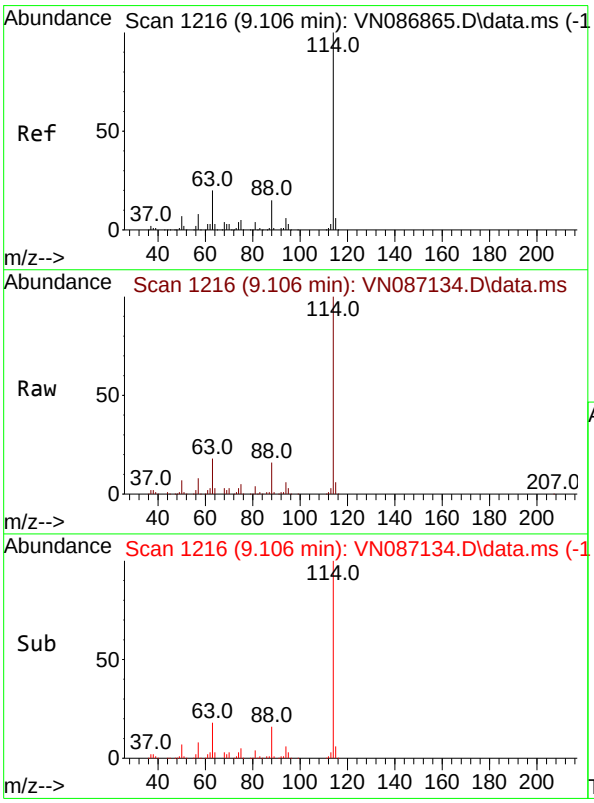
#33
1,2-Dichloroethane-d4
Concen: 53.572 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
EP-5

Tgt Ion: 65 Resp: 137972

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.6

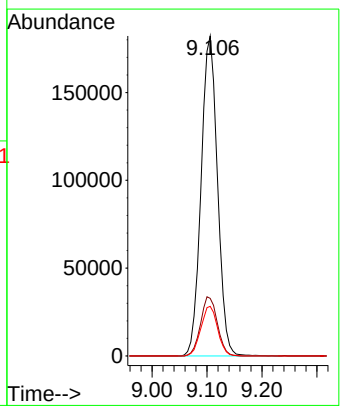


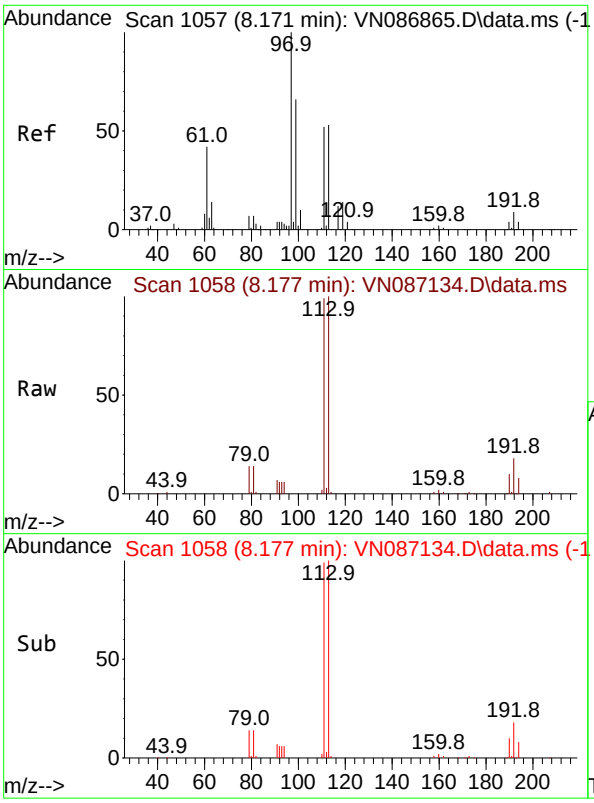


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Tgt Ion:114 Resp: 377316

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	39.6
88	15.5	0.0	30.2



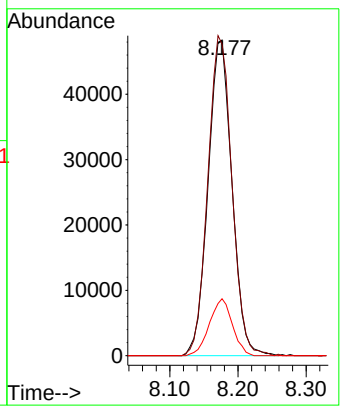


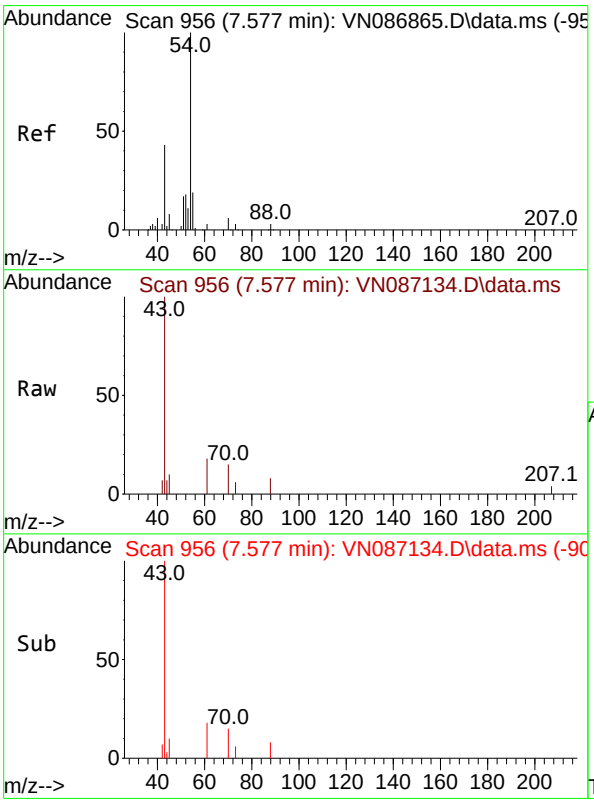
#35
Dibromofluoromethane
Concen: 52.660 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
EP-5

Tgt Ion:113 Resp: 117751

Ion	Ratio	Lower	Upper
113	100		
111	102.0	84.2	126.2
192	17.3	14.2	21.4

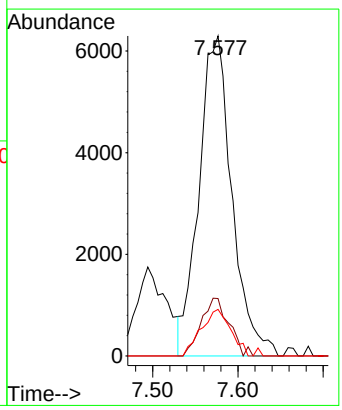


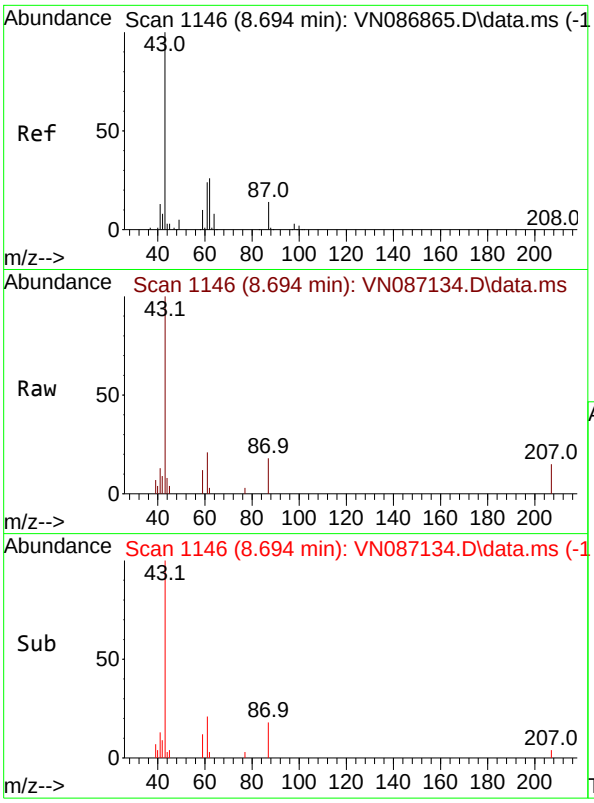


#37
Ethyl Acetate
Concen: 3.984 ug/l
RT: 7.577 min Scan# 956
Delta R.T. -0.000 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Tgt Ion: 43 Resp: 16897

Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	13.0	9.8	14.6



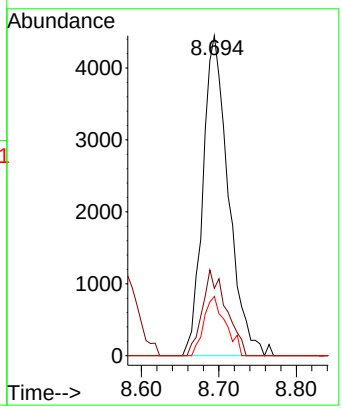


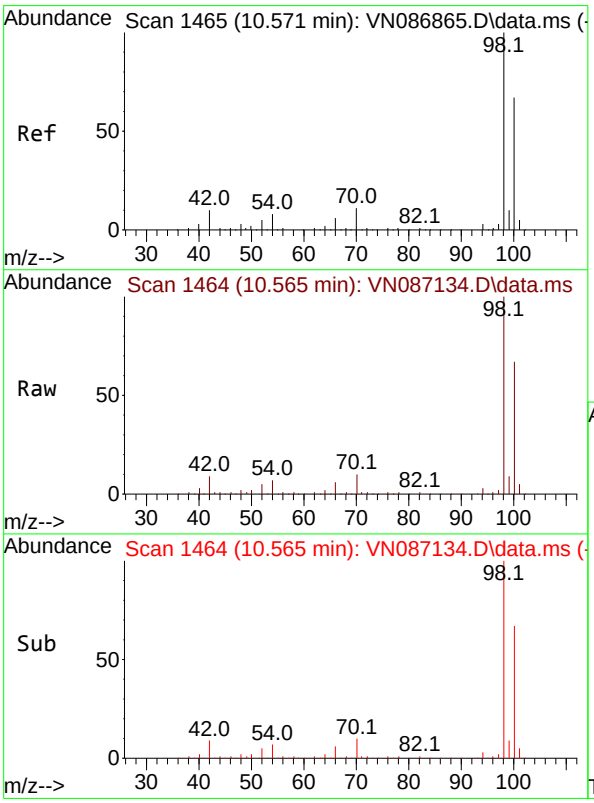
#43
Isopropyl Acetate
Concen: 1.498 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
EP-5

Tgt Ion: 43 Resp: 10199

Ion	Ratio	Lower	Upper
43	100		
61	25.3	22.1	33.1
87	15.7	11.8	17.6

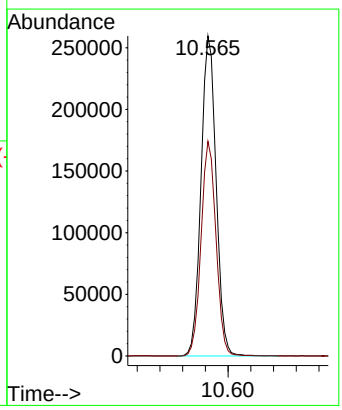


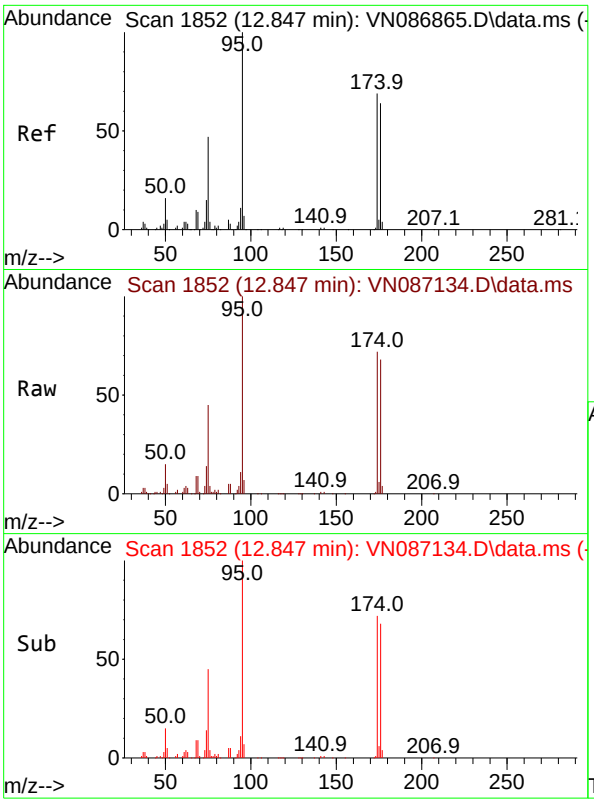


#50
Toluene-d8
Concen: 54.029 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Tgt Ion: 98 Resp: 478261

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.4	80.0



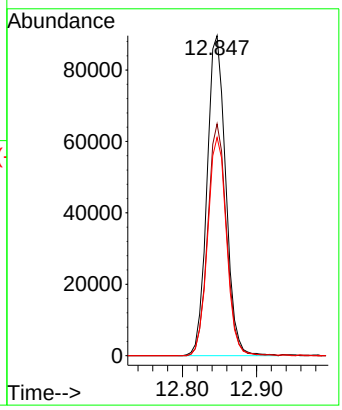


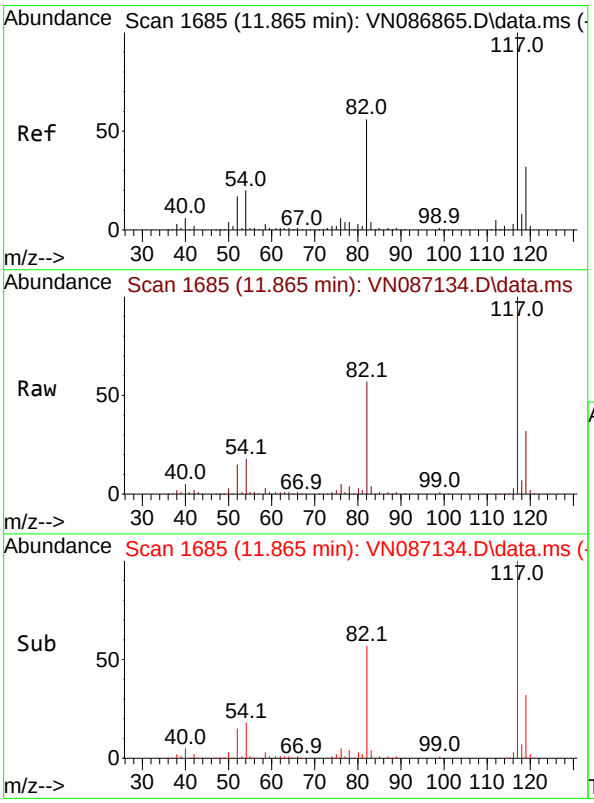
#62
4-Bromofluorobenzene
Concen: 47.779 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
EP-5

Tgt Ion: 95 Resp: 157135

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	141.8
176	68.8	0.0	132.6

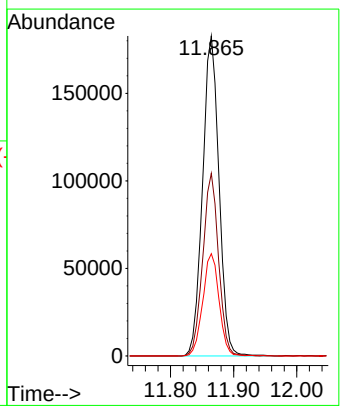


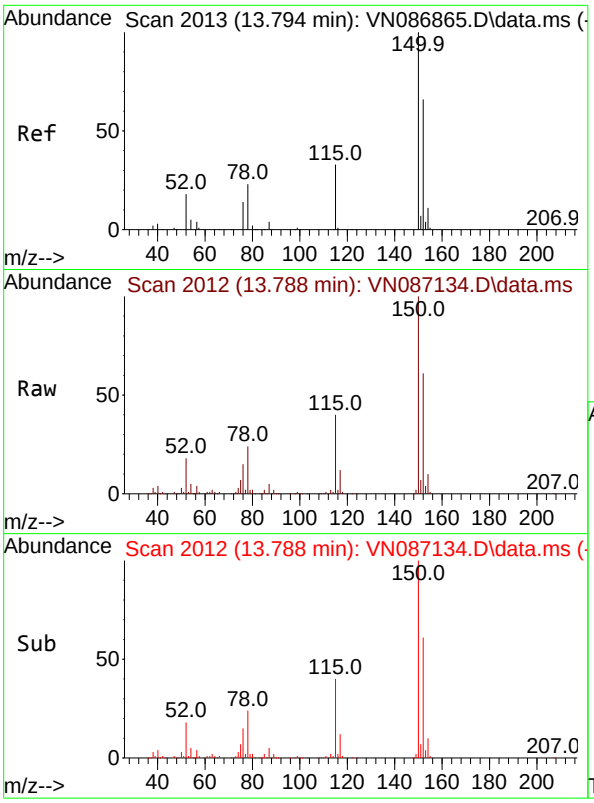


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Tgt Ion:117 Resp: 330374

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.6	67.0
119	32.0	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087134.D
Acq: 20 Jun 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
EP-5

Tgt Ion:152 Resp: 161184

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.1	90.5
150	160.4	0.0	345.0