Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086053.D
Acq On : 21 Mar 2025 20:30
Operator : JC\MD
Sample : PB167234ZHE#13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#13

Quant Time: Mar 21 23:04:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	142056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110134	56.617	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.240%			
35) Dibromofluoromethane	8.165	113	93717	49.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.740%			
50) Toluene-d8	10.565	98	344197	49.957	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.920%			
62) 4-Bromofluorobenzene	12.847	95	99813	40.622	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 81.240%			
Target Compounds						Qvalue
16) Acetone	4.430	43	24396	41.051	ug/l	100
20) Methylene Chloride	5.277	84	9626	5.537	ug/l	97
43) Isopropyl Acetate	8.688	43	120540	26.378	ug/l #	78

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

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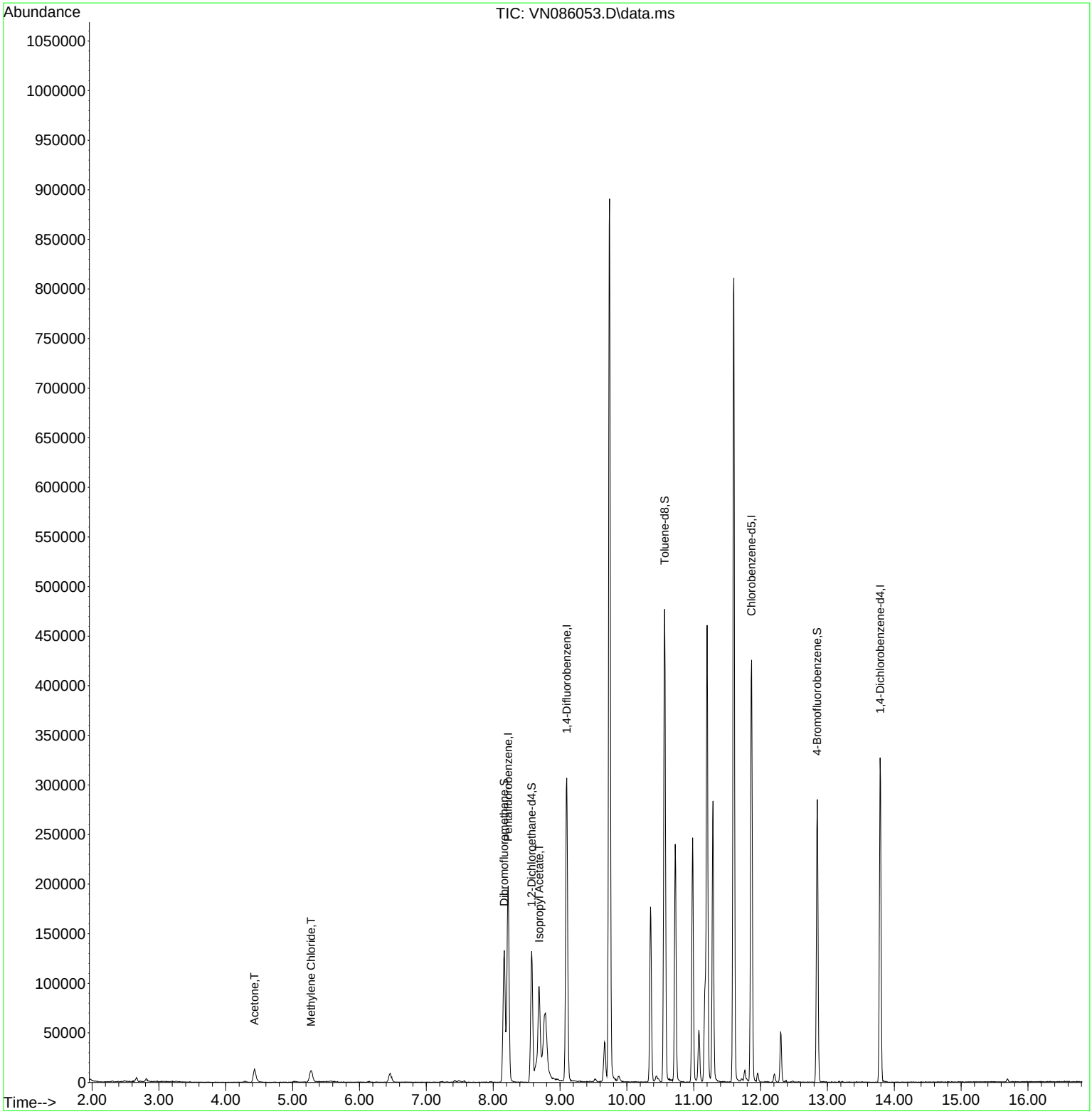
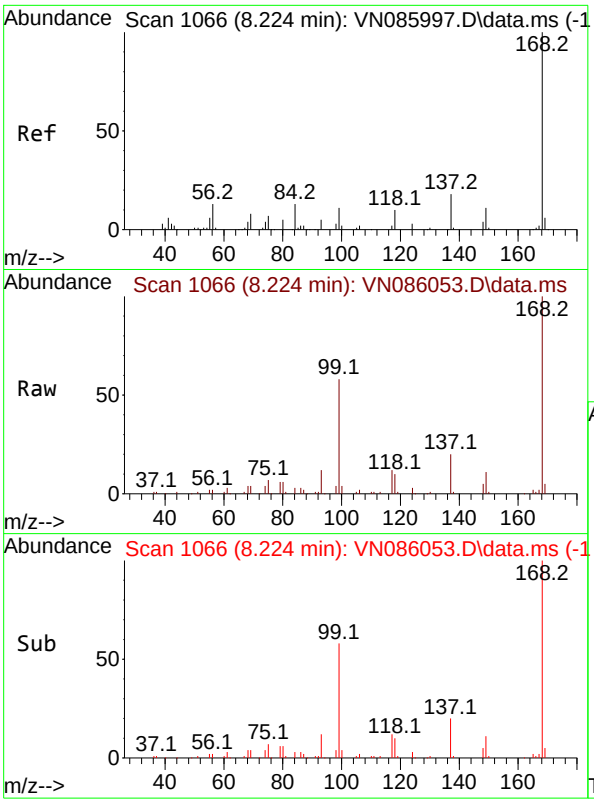


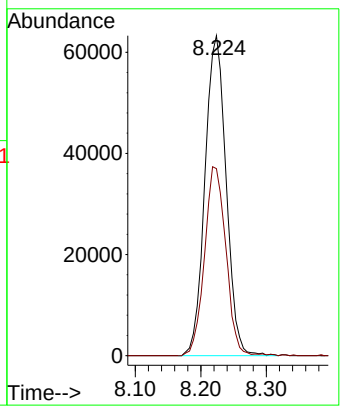


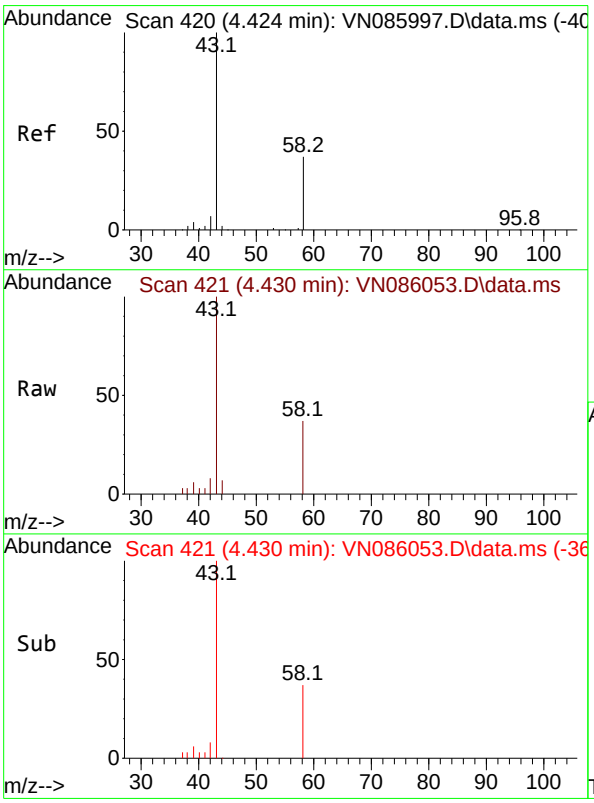
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#13

Tgt Ion:168 Resp: 142056

Ion	Ratio	Lower	Upper
168	100		
99	58.5	49.4	74.2

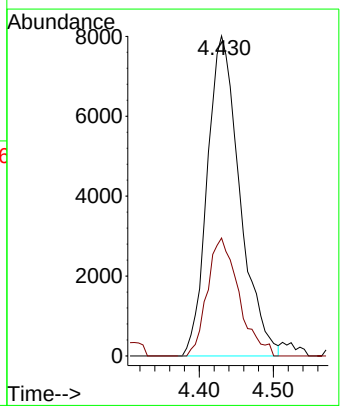


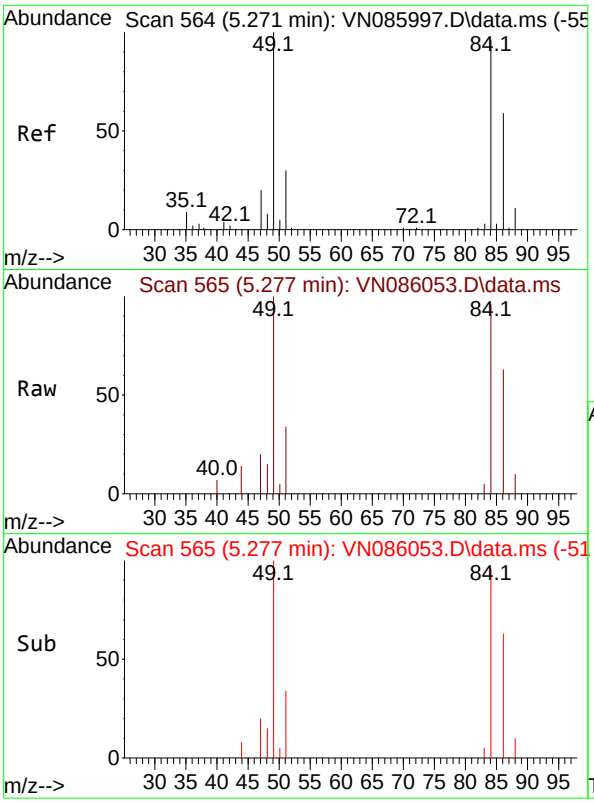


#16
Acetone
Concen: 41.051 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Tgt Ion: 43 Resp: 24396

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.4	44.2



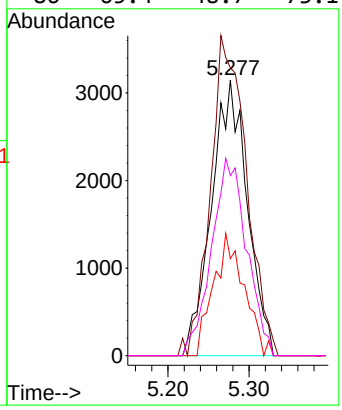


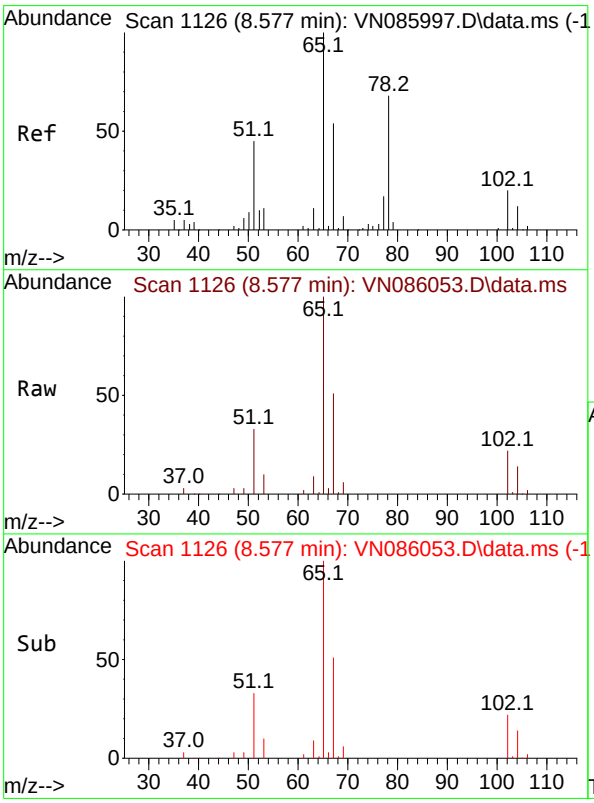
#20
Methylene Chloride
Concen: 5.537 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#13

Tgt Ion: 84 Resp: 9626

Ion	Ratio	Lower	Upper
84	100		
49	104.5	83.3	124.9
51	35.3	24.8	37.2
86	65.4	48.7	73.1

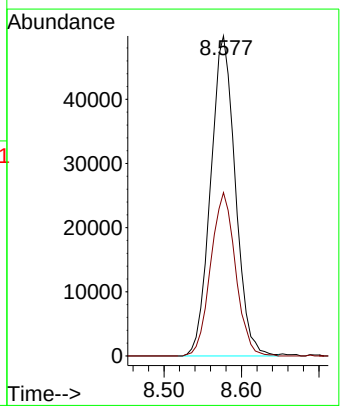


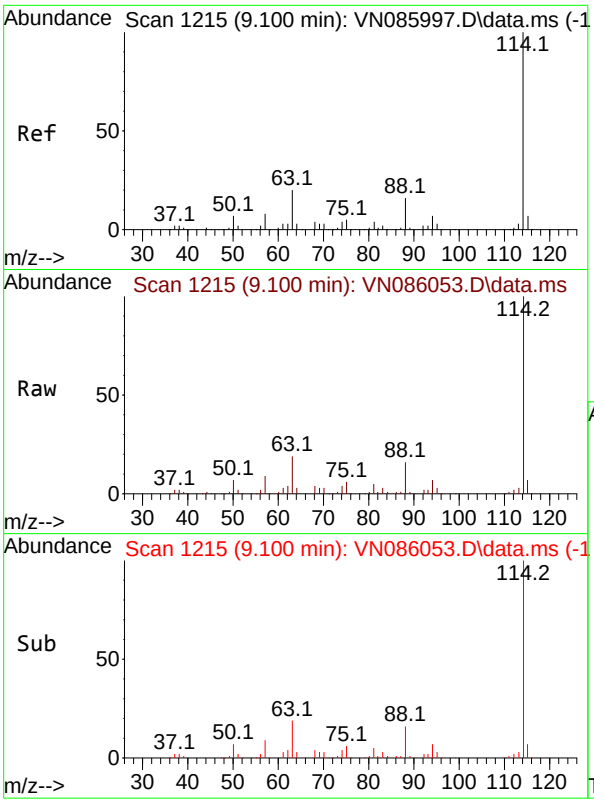


#33
1,2-Dichloroethane-d4
Concen: 56.617 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Tgt Ion: 65 Resp: 110134

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.2



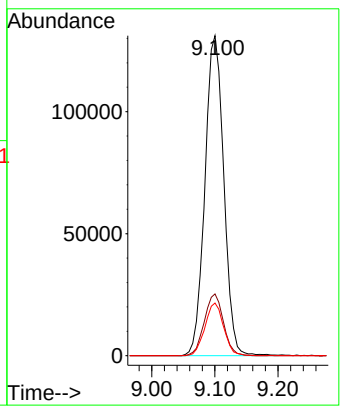


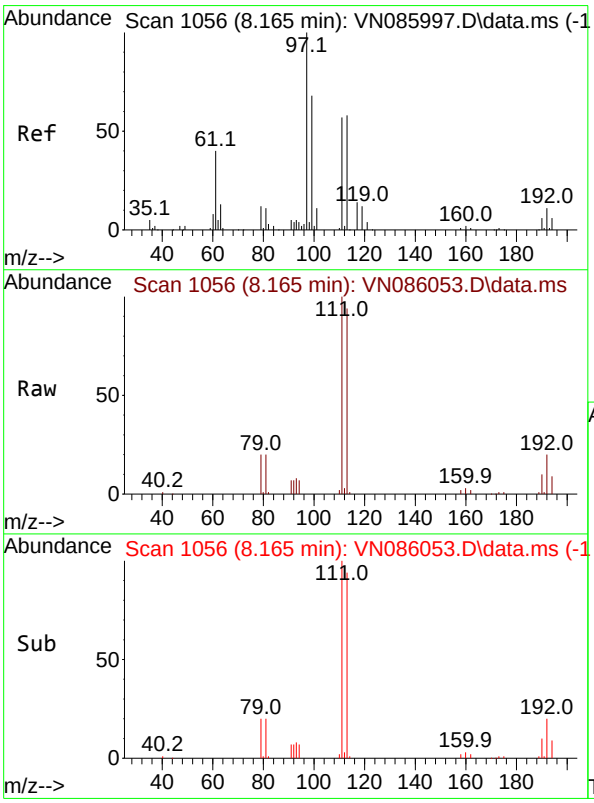
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#13

Tgt Ion:114 Resp: 271980

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.6
88	16.5	0.0	32.6

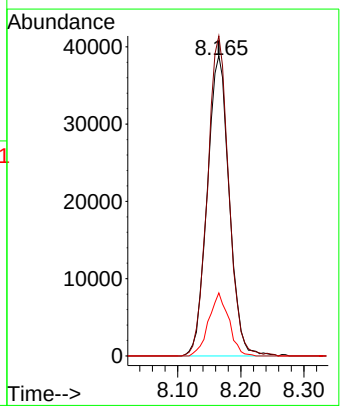


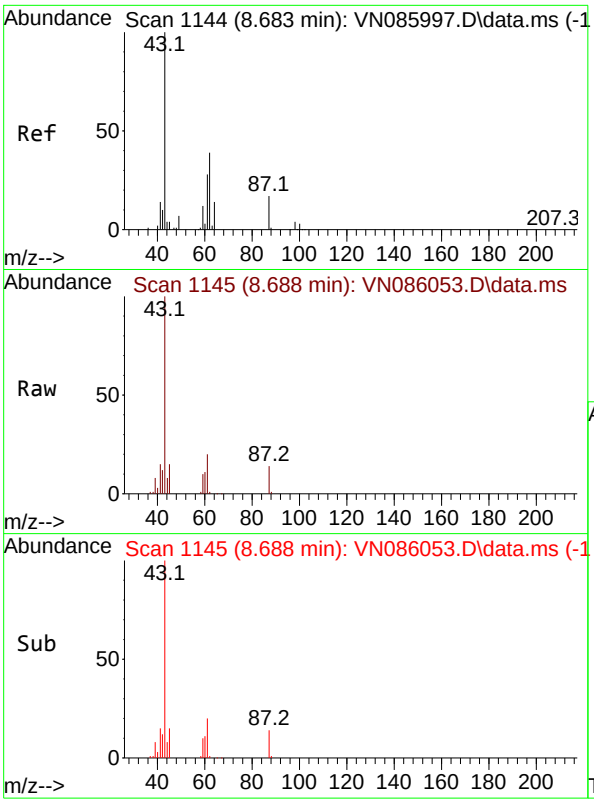


#35
Dibromofluoromethane
Concen: 49.367 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Tgt Ion:113 Resp: 93717

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	19.3	15.9	23.9



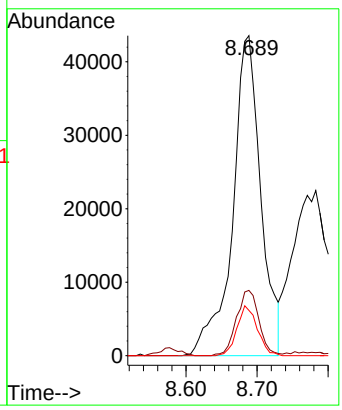


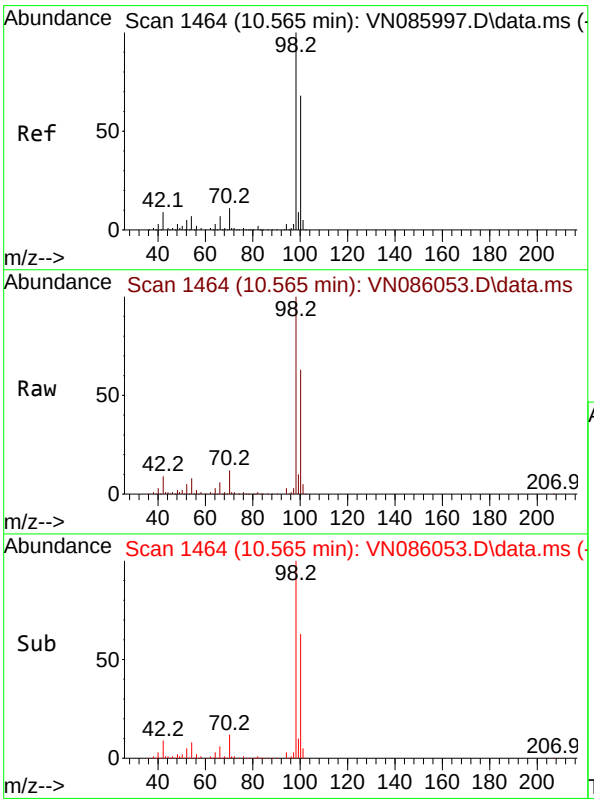
#43
Isopropyl Acetate
Concen: 26.378 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#13

Tgt Ion: 43 Resp: 120540

Ion	Ratio	Lower	Upper
43	100		
61	16.3	25.0	37.6#
87	11.2	13.0	19.4#

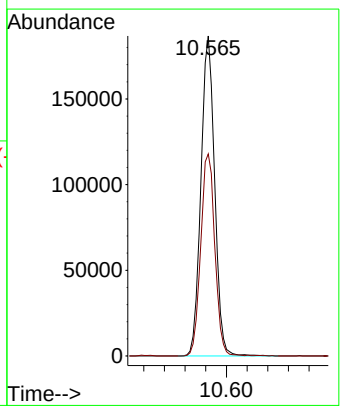


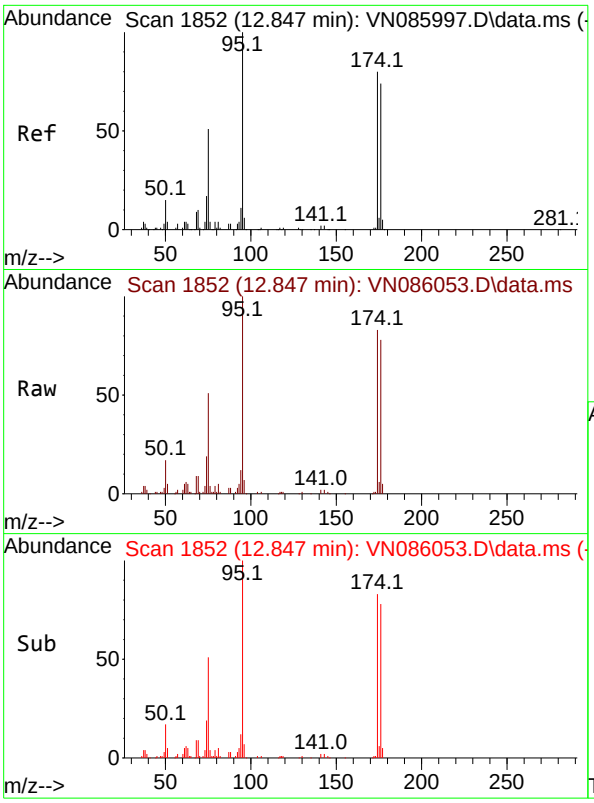


#50
Toluene-d8
Concen: 49.957 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Tgt Ion: 98 Resp: 344197

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7



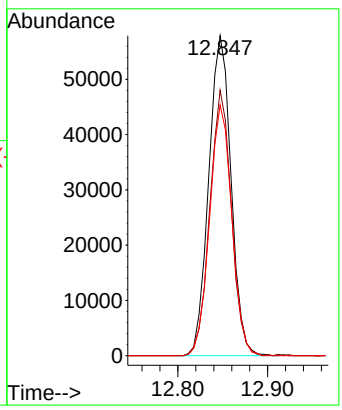


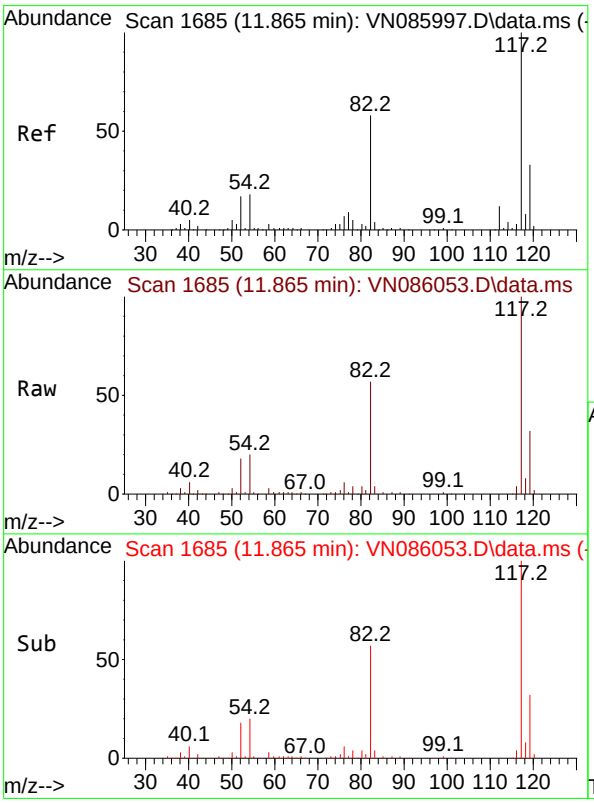
#62
4-Bromofluorobenzene
Concen: 40.622 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#13

Tgt Ion: 95 Resp: 99813

Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	156.8
176	78.1	0.0	152.2

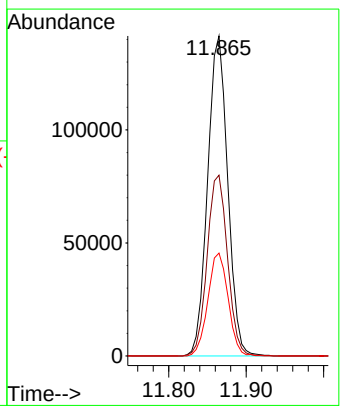


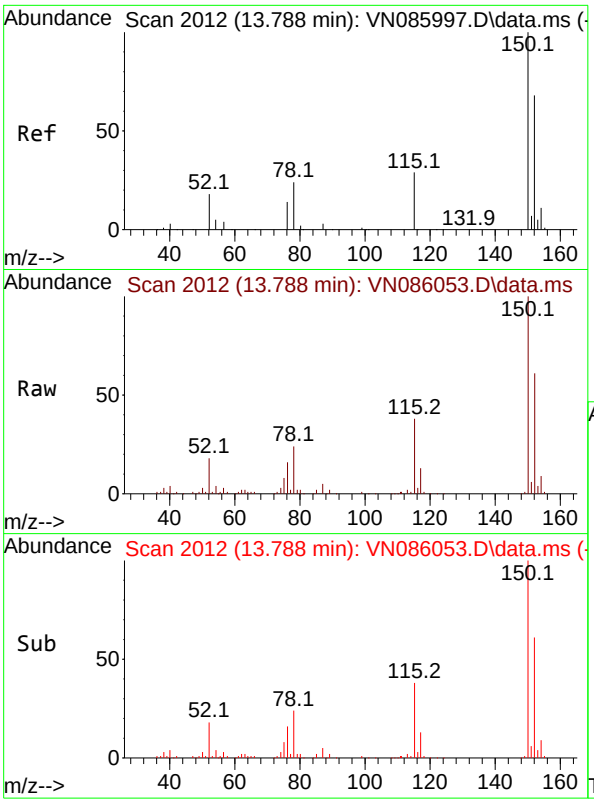


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Tgt Ion:117 Resp: 254743

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.7	70.1
119	32.2	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086053.D
Acq: 21 Mar 2025 20:30

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#13

Tgt Ion:152 Resp: 90983

Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.1	93.2
150	159.7	0.0	359.6