Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
Data File : VN086181.D
Acq On : 31 Mar 2025 19:51
Operator : JC\MD
Sample : PB167374ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#05

Quant Time: Apr 01 01:40:08 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	178487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138830	56.802	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.600%			
35) Dibromofluoromethane	8.165	113	123757	51.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.060%			
50) Toluene-d8	10.565	98	444676	50.522	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.040%			
62) 4-Bromofluorobenzene	12.847	95	124595	39.693	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 79.380%			
Target Compounds						Qvalue
16) Acetone	4.424	43	32789	43.912	ug/l	93
20) Methylene Chloride	5.277	84	89382	40.918	ug/l	100
43) Isopropyl Acetate	8.688	43	42220	7.232	ug/l #	62

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

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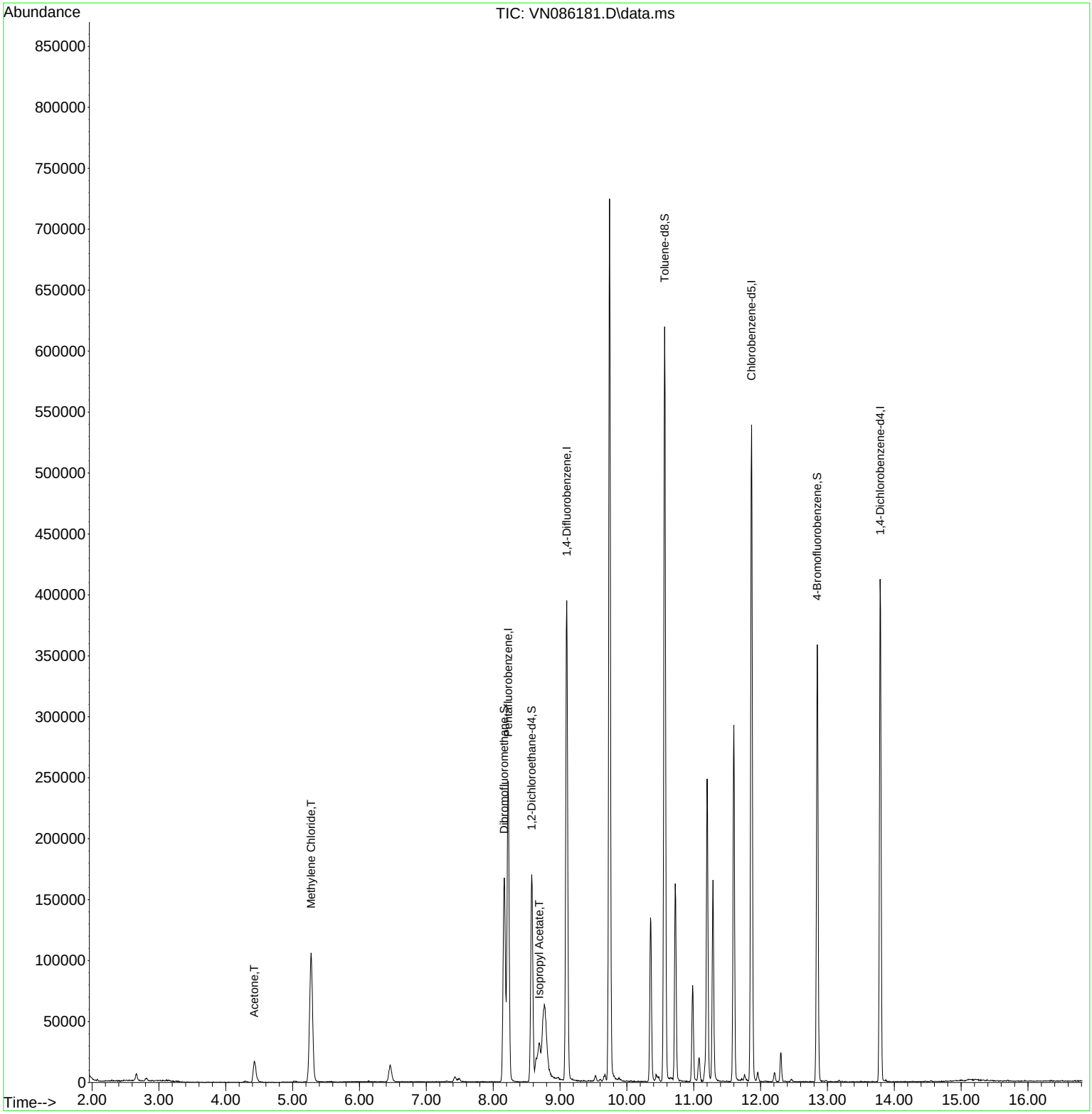
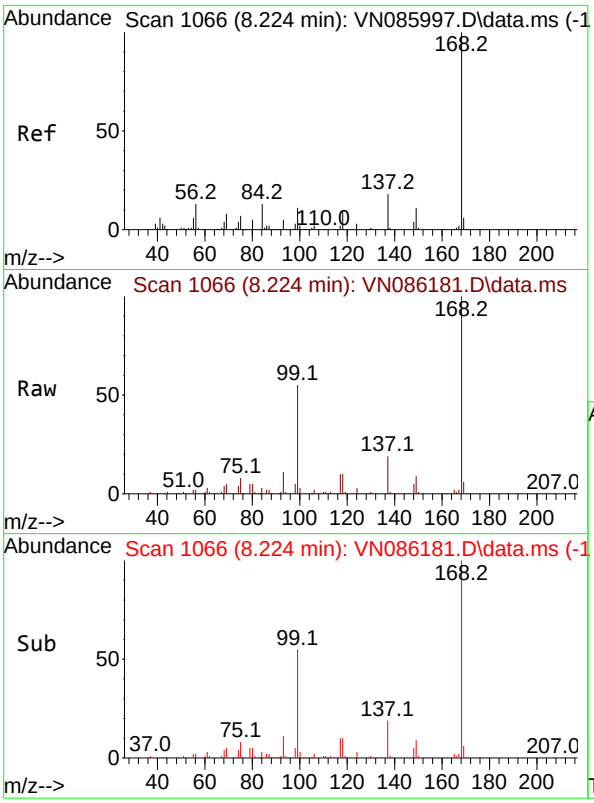


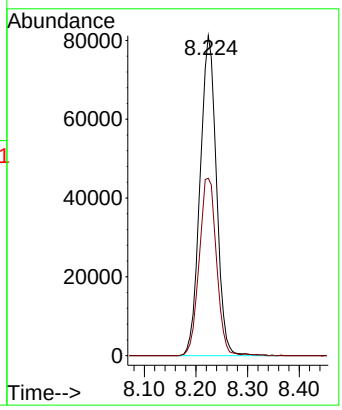


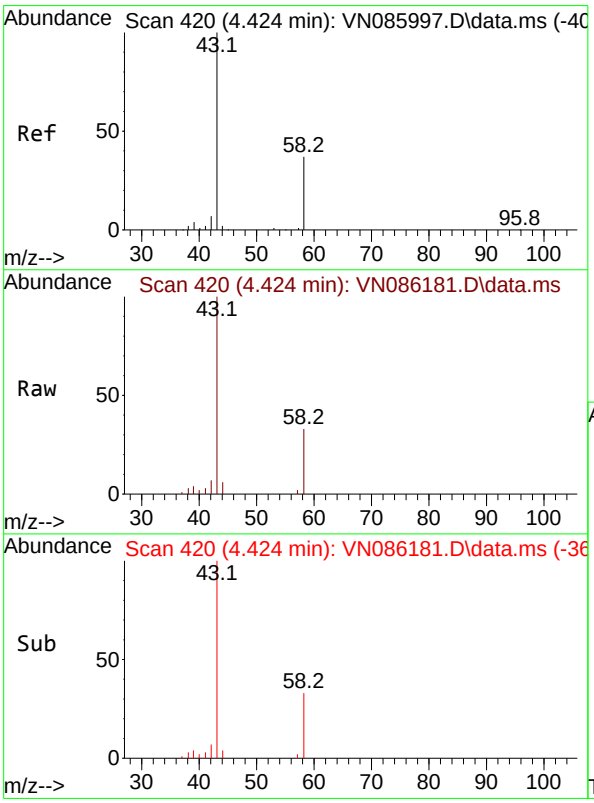
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#05

Tgt Ion:168 Resp: 178487

Ion	Ratio	Lower	Upper
168	100		
99	55.4	49.4	74.2

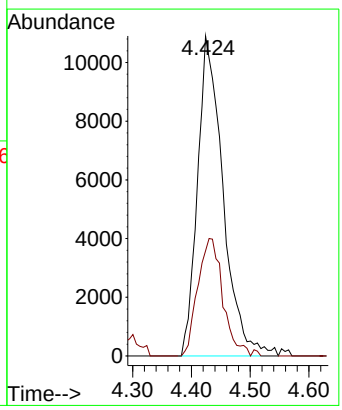


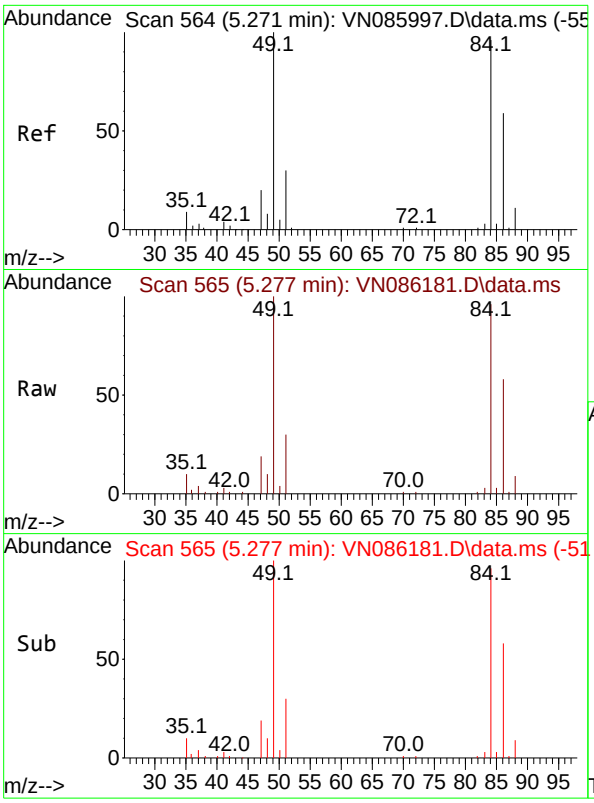


#16
Acetone
Concen: 43.912 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Tgt Ion: 43 Resp: 32789

Ion	Ratio	Lower	Upper
43	100		
58	32.9	29.4	44.2



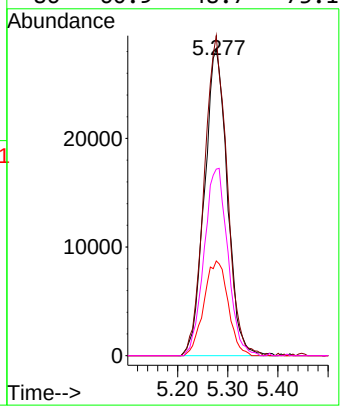


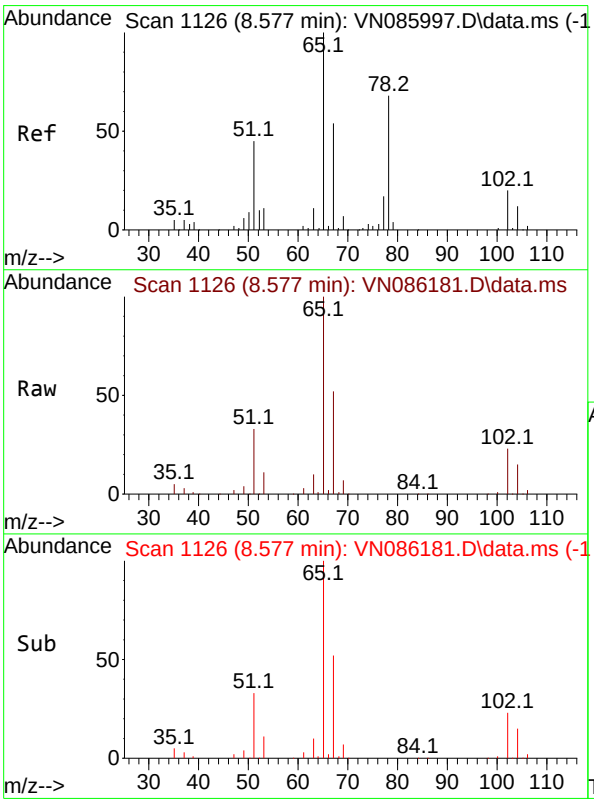
#20
Methylene Chloride
Concen: 40.918 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#05

Tgt Ion: 84 Resp: 89382

Ion	Ratio	Lower	Upper
84	100		
49	104.4	83.3	124.9
51	30.9	24.8	37.2
86	60.9	48.7	73.1

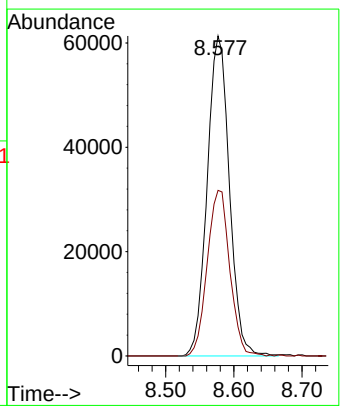


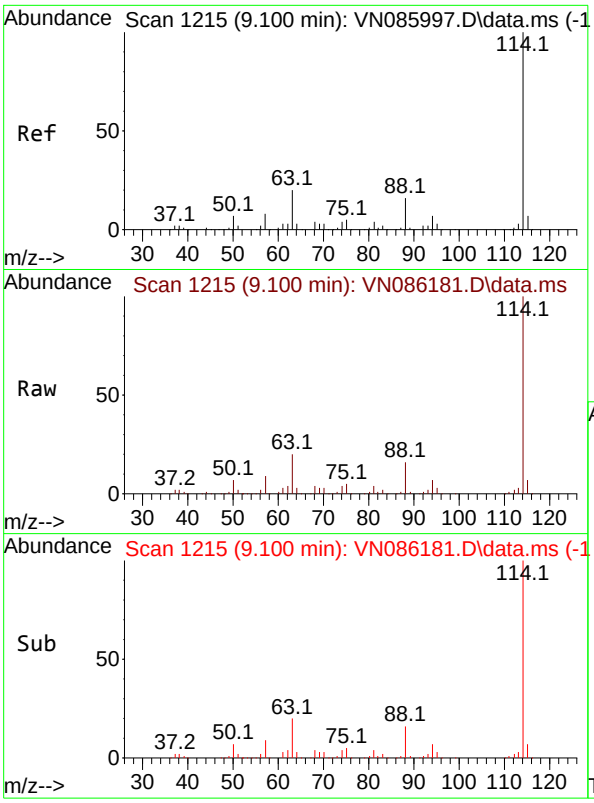


#33
1,2-Dichloroethane-d4
Concen: 56.802 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Tgt Ion: 65 Resp: 138830

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	102.2



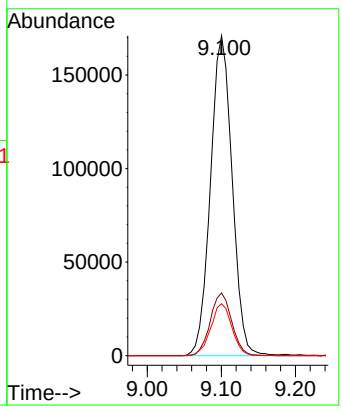


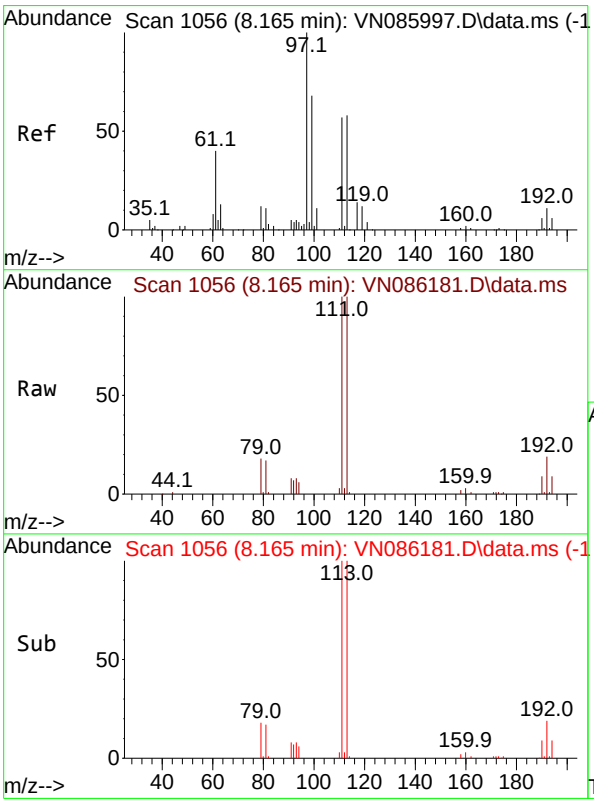
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#05

Tgt Ion:114 Resp: 347453

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	16.2	0.0	32.6

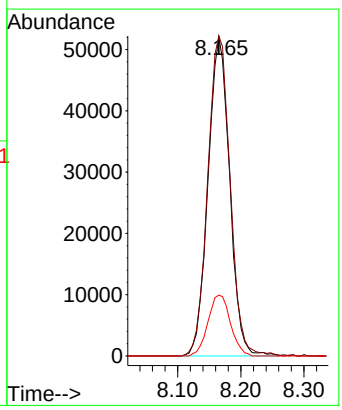


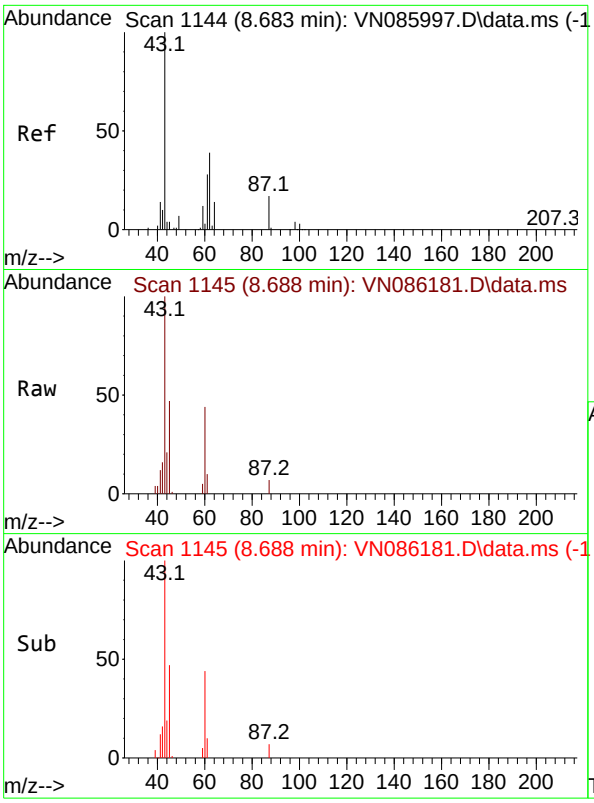


#35
Dibromofluoromethane
Concen: 51.030 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Tgt Ion:113 Resp: 123757

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.8
192	19.8	15.9	23.9



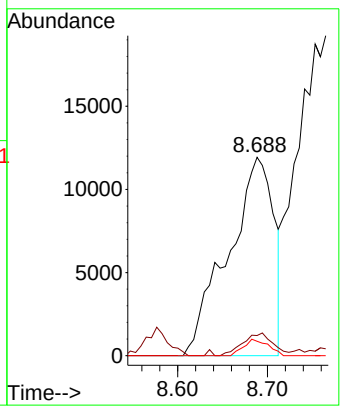


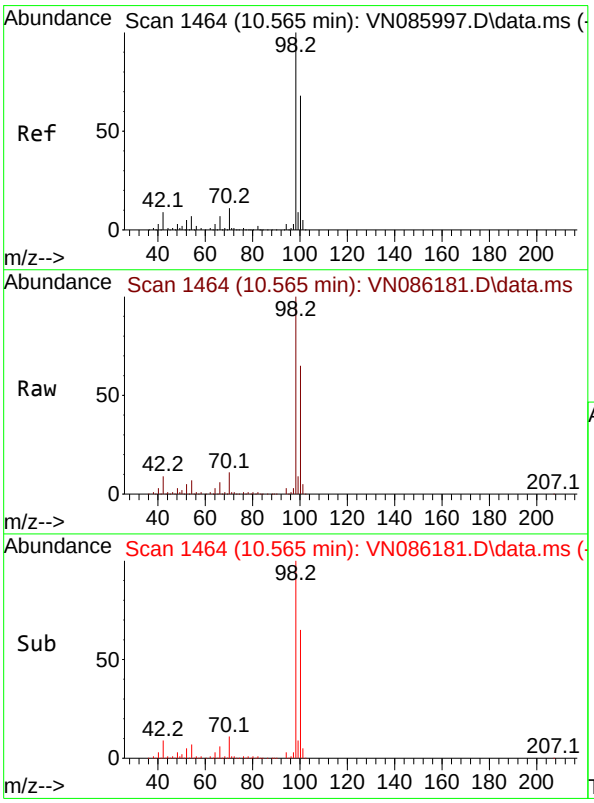
#43
Isopropyl Acetate
Concen: 7.232 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#05

Tgt Ion: 43 Resp: 42220

Ion	Ratio	Lower	Upper
43	100		
61	7.5	25.0	37.6#
87	4.5	13.0	19.4#

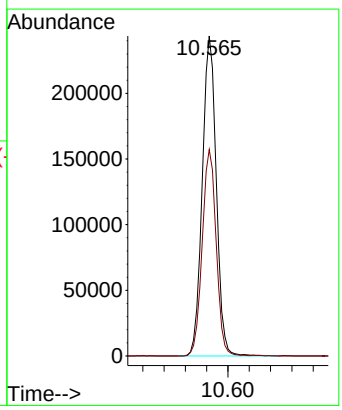


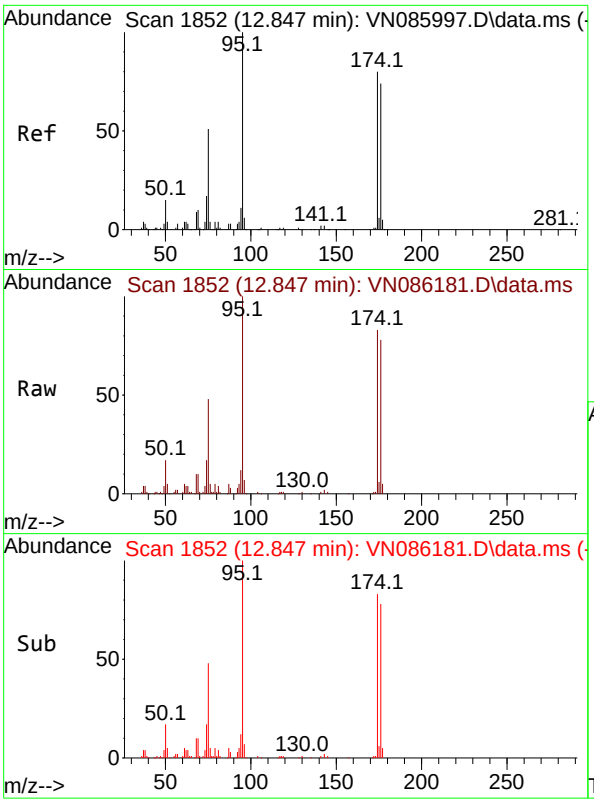


#50
Toluene-d8
Concen: 50.522 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Tgt Ion: 98 Resp: 444676

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.1	79.7



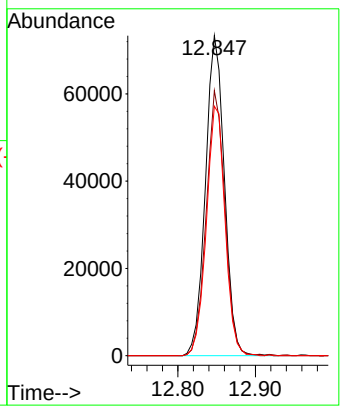


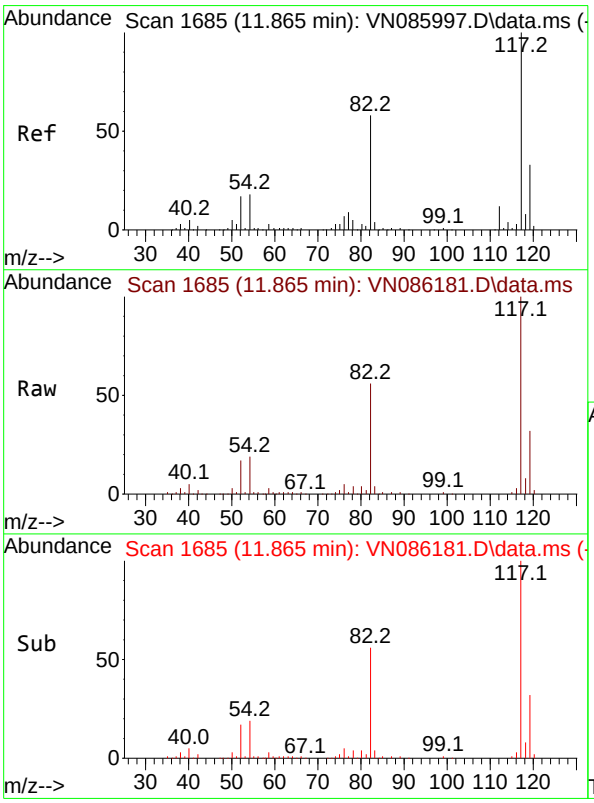
#62
4-Bromofluorobenzene
Concen: 39.693 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#05

Tgt Ion: 95 Resp: 124595

Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	156.8
176	76.9	0.0	152.2

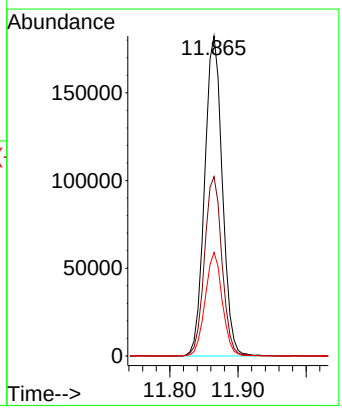


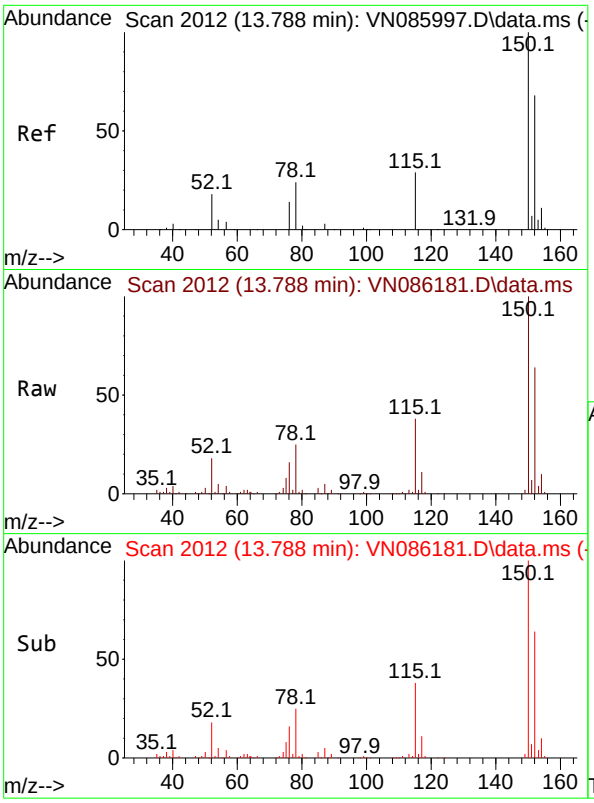


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086181.D
Acq: 31 Mar 2025 19:51

Tgt Ion:117 Resp: 328489

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.7	70.1
119	32.4	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: VN086181.D
Acq: 31 Mar 2025 19:51

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#05

Tgt Ion:152 Resp: 118630

Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.1	93.2
150	158.0	0.0	359.6