Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
Data File : VN086101.D
Acq On : 25 Mar 2025 15:28
Operator : JC\MD
Sample : PB167276ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#06

Quant Time: Mar 26 03:19:17 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	163469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126983	56.728	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.460%			
35) Dibromofluoromethane	8.165	113	110550	51.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	10.565	98	406589	51.725	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.847	95	119624	42.672	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.340%			
Target Compounds						Qvalue
16) Acetone	4.436	43	29245	42.764	ug/l	94
20) Methylene Chloride	5.277	84	13137	6.567	ug/l #	95
43) Isopropyl Acetate	8.683	43	134261	25.752	ug/l #	79

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

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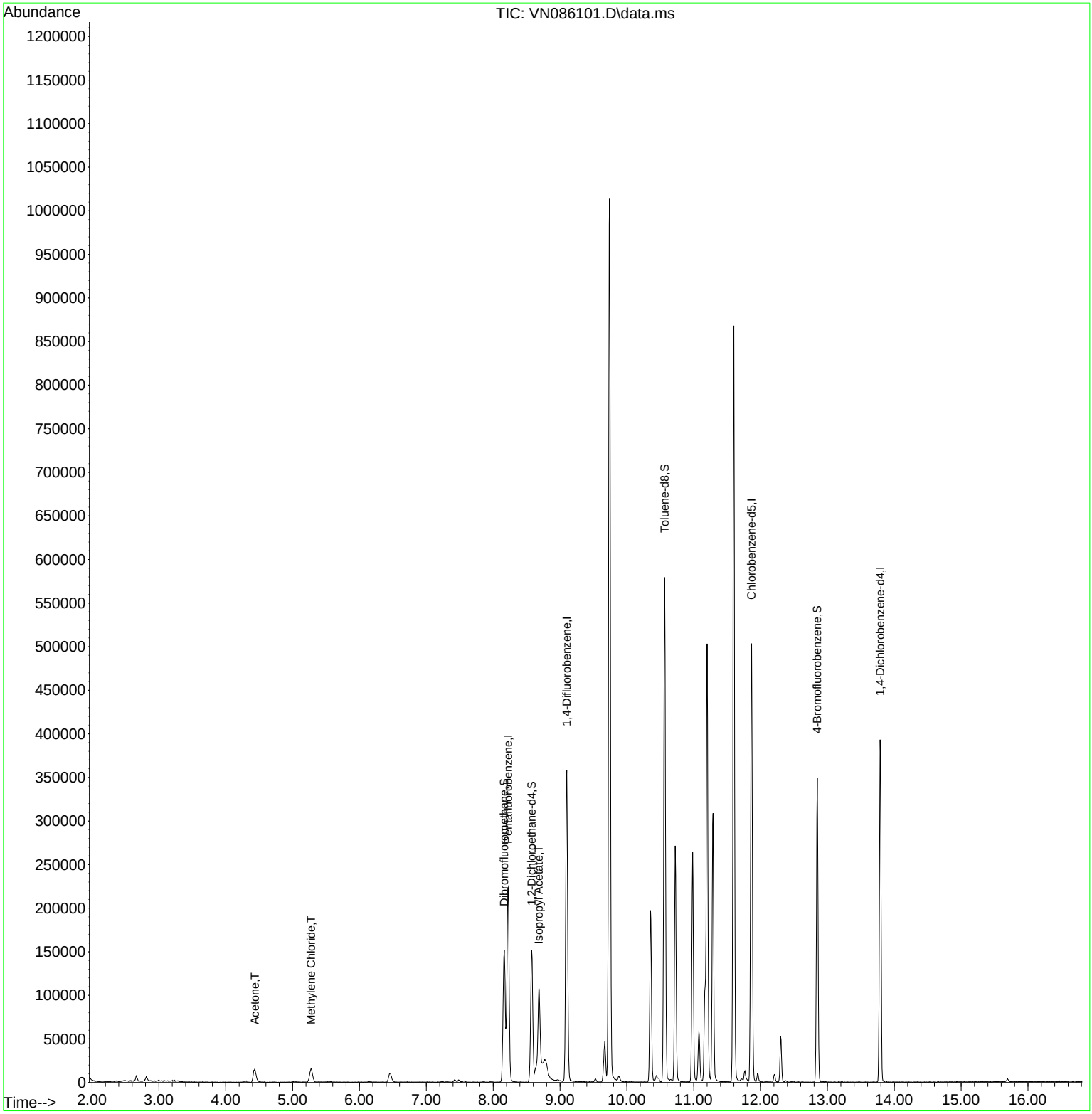
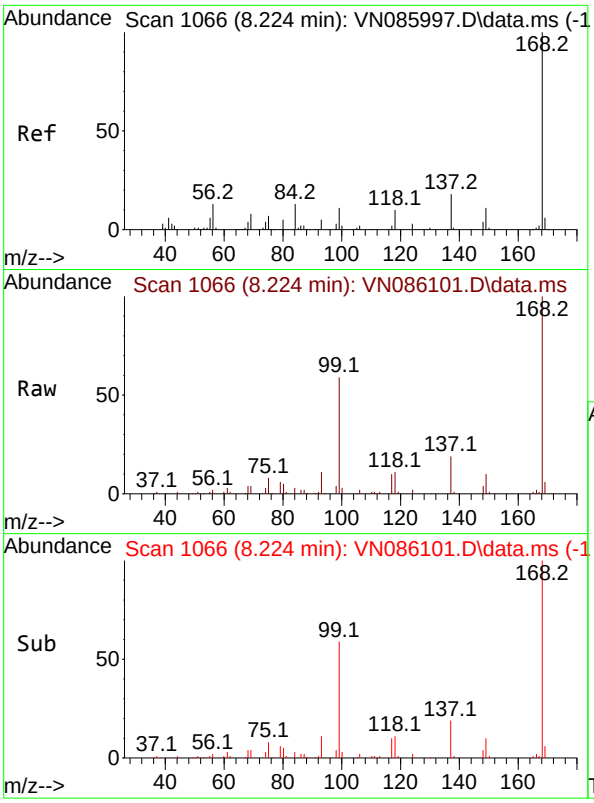


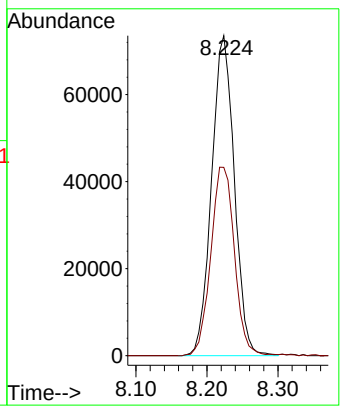


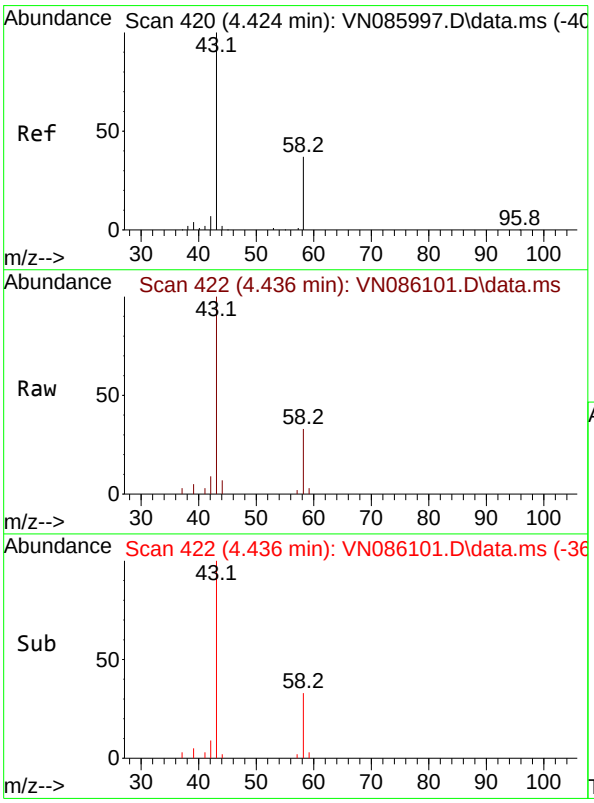
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#06

Tgt Ion:168 Resp: 163469

Ion	Ratio	Lower	Upper
168	100		
99	58.9	49.4	74.2

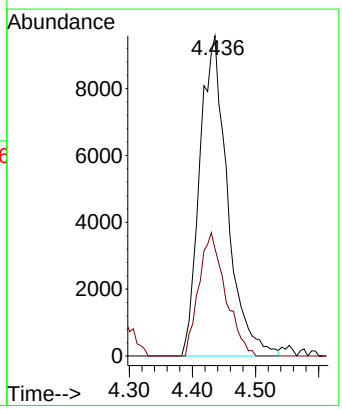


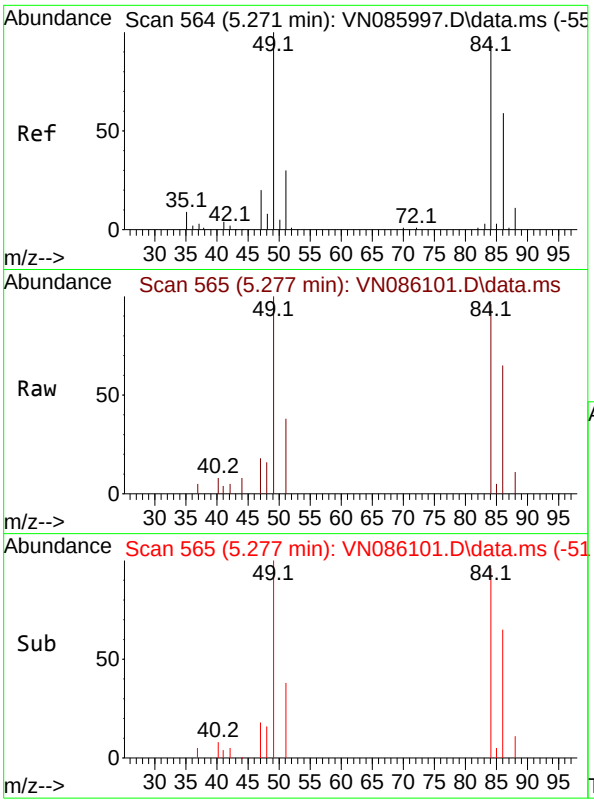


#16
Acetone
Concen: 42.764 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Tgt Ion: 43 Resp: 29245

Ion	Ratio	Lower	Upper
43	100		
58	33.5	29.4	44.2



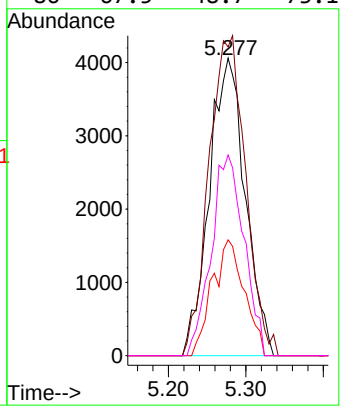


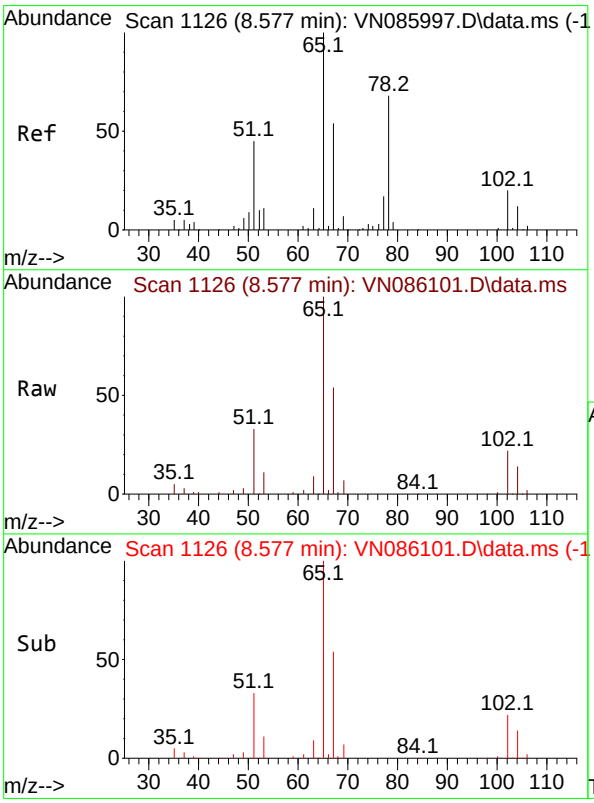
#20
Methylene Chloride
Concen: 6.567 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#06

Tgt Ion: 84 Resp: 13137

Ion	Ratio	Lower	Upper
84	100		
49	103.8	83.3	124.9
51	38.9	24.8	37.2#
86	67.5	48.7	73.1

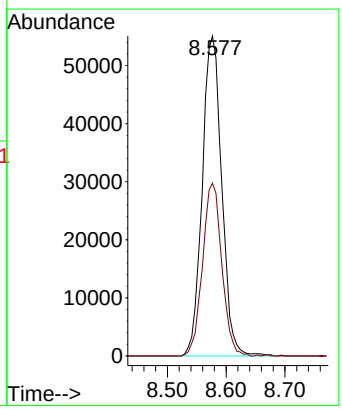


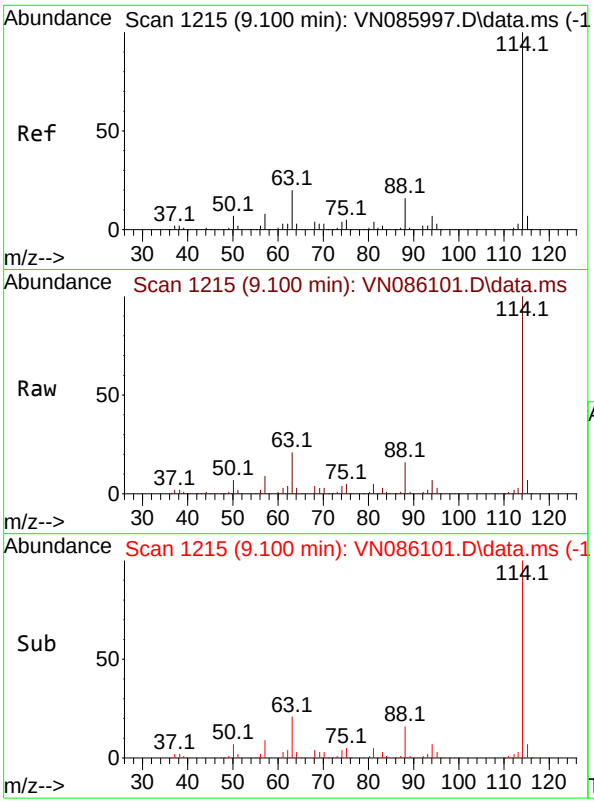


#33
1,2-Dichloroethane-d4
Concen: 56.728 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Tgt Ion: 65 Resp: 126983

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	102.2



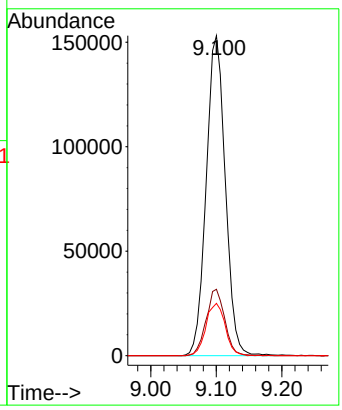


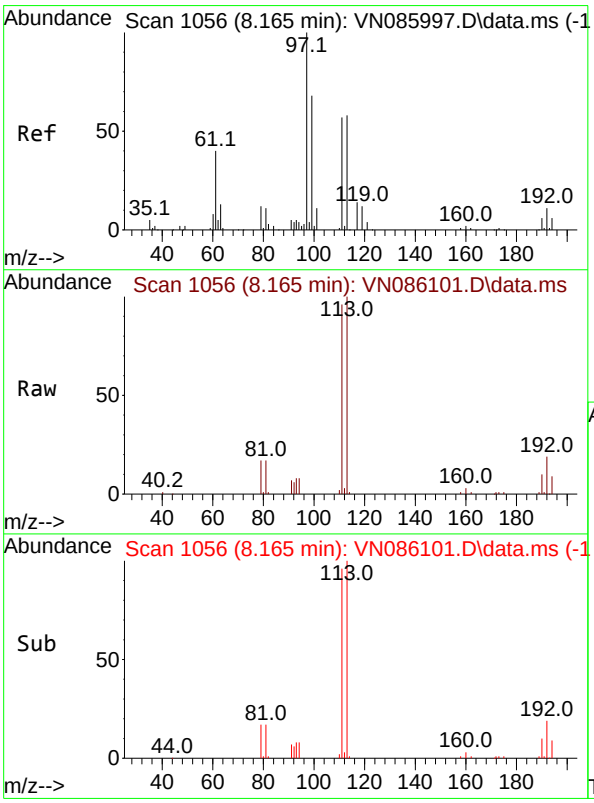
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#06

Tgt Ion:114 Resp: 310303

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.6
88	16.3	0.0	32.6

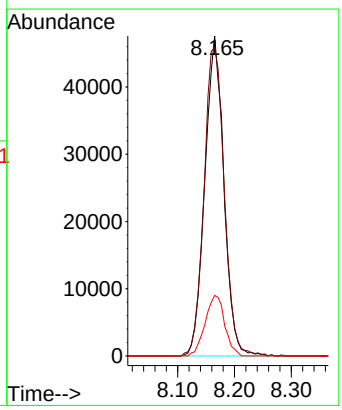


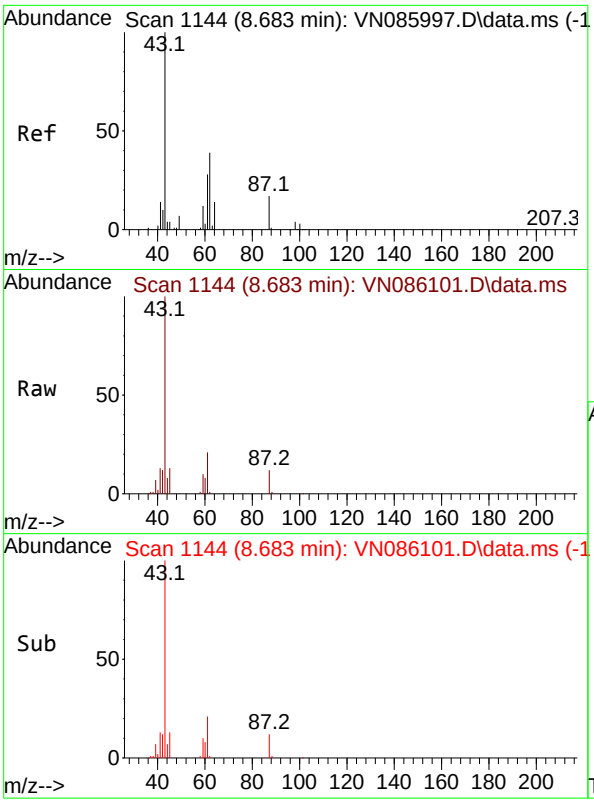


#35
Dibromofluoromethane
Concen: 51.042 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Tgt Ion:113 Resp: 110550

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	19.4	15.9	23.9



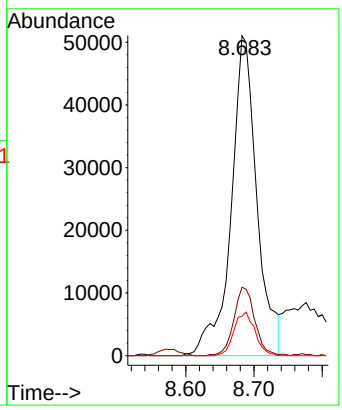


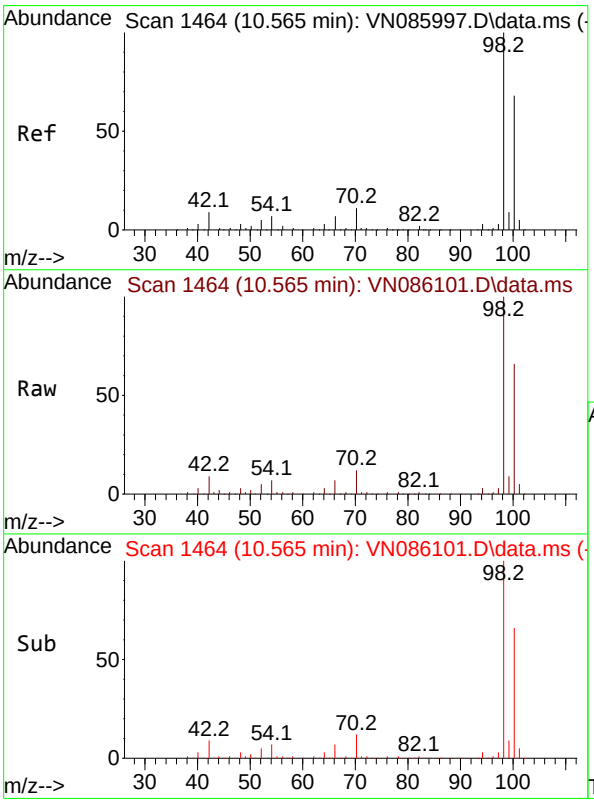
#43
Isopropyl Acetate
Concen: 25.752 ug/l
RT: 8.683 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#06

Tgt Ion: 43 Resp: 134261

Ion	Ratio	Lower	Upper
43	100		
61	17.4	25.0	37.6#
87	11.1	13.0	19.4#

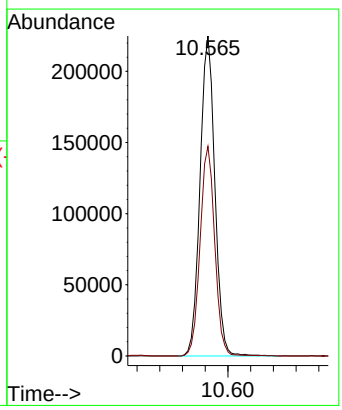


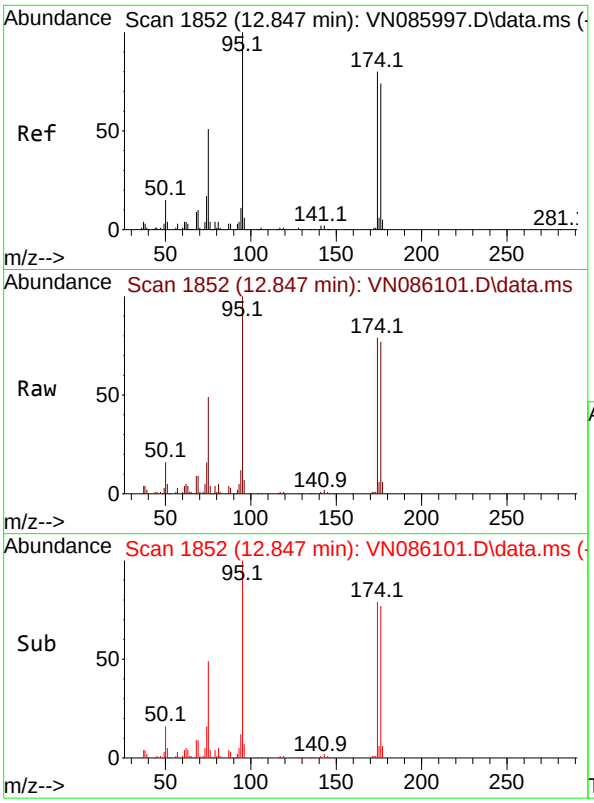


#50
Toluene-d8
Concen: 51.725 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Tgt Ion: 98 Resp: 406589

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.1	79.7



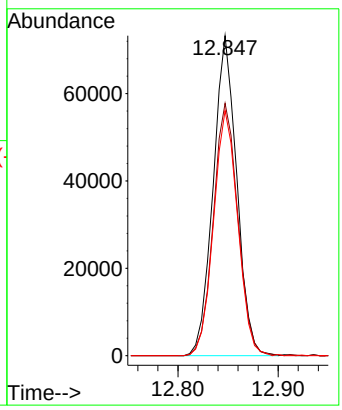


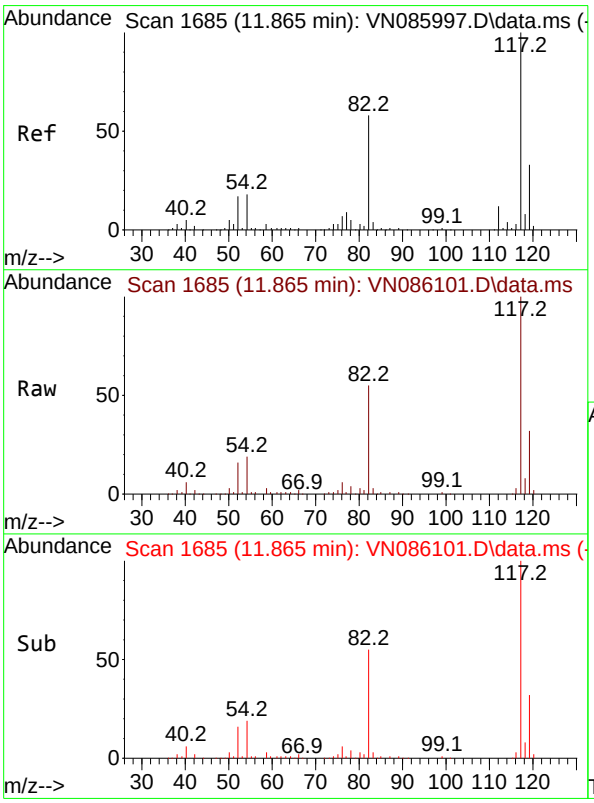
#62
4-Bromofluorobenzene
Concen: 42.672 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#06

Tgt Ion: 95 Resp: 119624

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	156.8
176	78.5	0.0	152.2

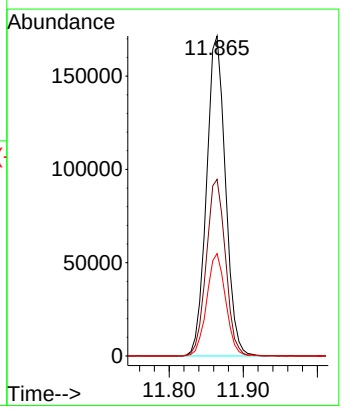


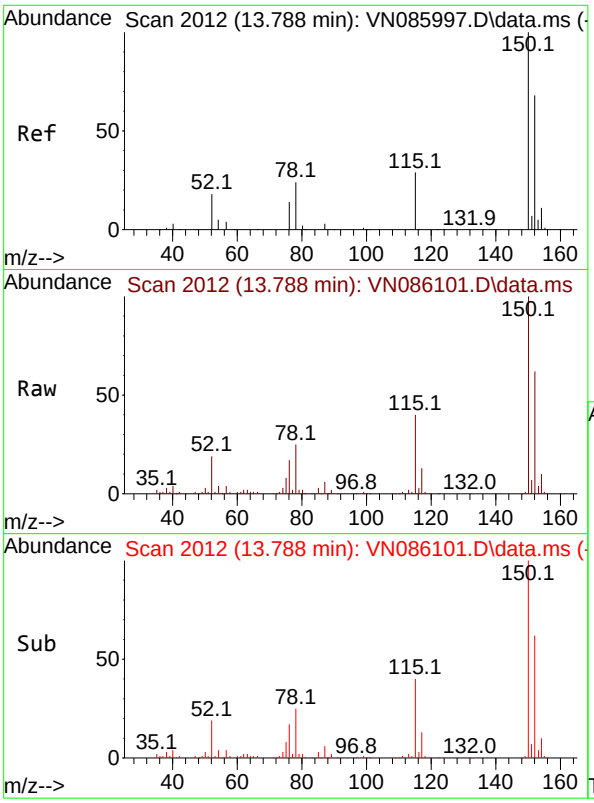


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086101.D
Acq: 25 Mar 2025 15:28

Tgt Ion:117 Resp: 304693

Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.7	70.1
119	32.0	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: VN086101.D
Acq: 25 Mar 2025 15:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#06

Tgt Ion:152 Resp: 111078

Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.1	93.2
150	158.6	0.0	359.6