Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
Data File : VN086096.D
Acq On : 25 Mar 2025 13:28
Operator : JC\MD
Sample : PB167276ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#01

Quant Time: Mar 26 03:16:27 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	167256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126469	55.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.440%			
35) Dibromofluoromethane	8.165	113	113240	50.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	10.565	98	412778	51.118	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.847	95	120455	41.828	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 83.660%			
Target Compounds						Qvalue
16) Acetone	4.430	43	33222	47.480	ug/l	96
20) Methylene Chloride	5.283	84	13464	6.578	ug/l	96
43) Isopropyl Acetate	8.688	43	118196	22.069	ug/l #	87

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

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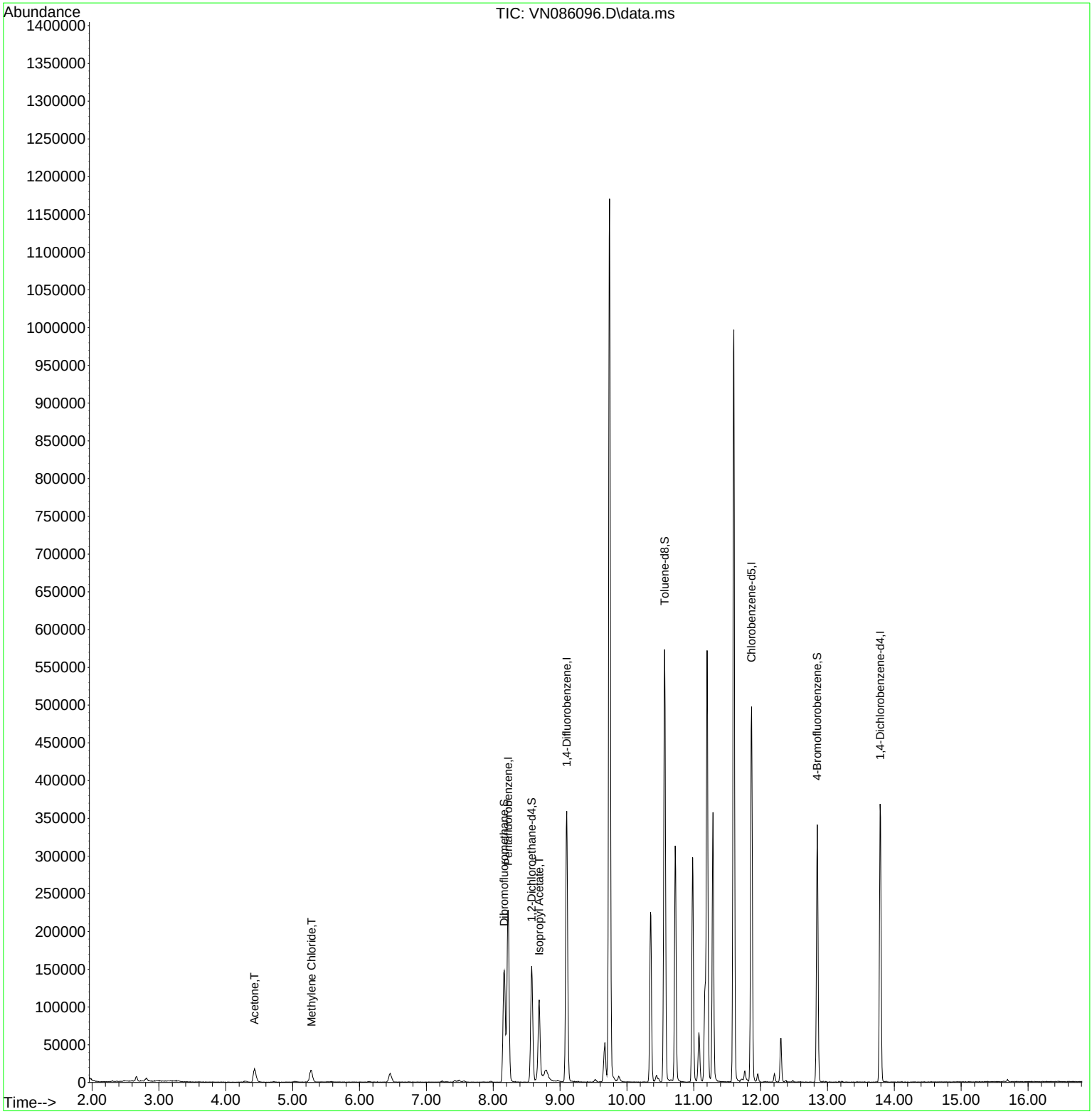
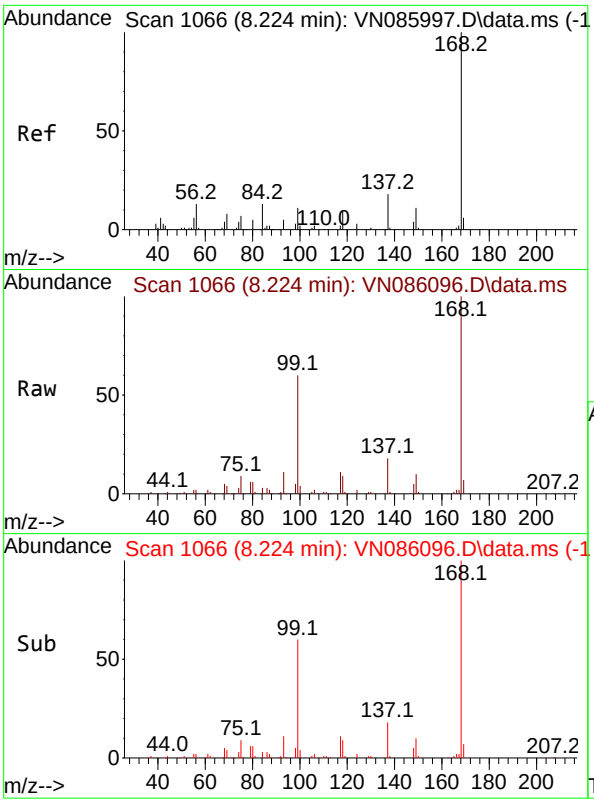


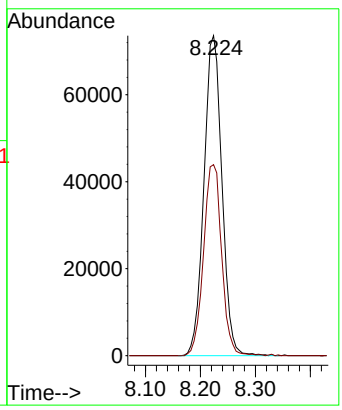


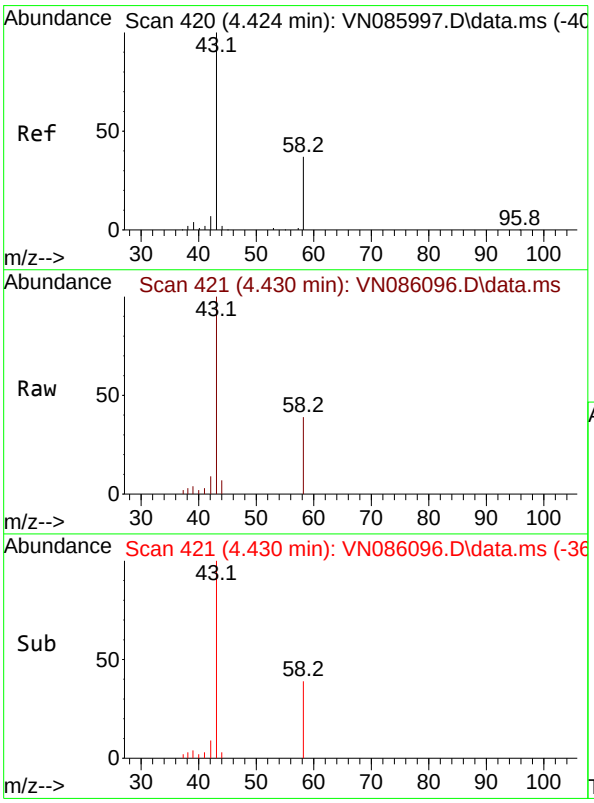
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#01

Tgt Ion:168 Resp: 167256

Ion	Ratio	Lower	Upper
168	100		
99	59.7	49.4	74.2

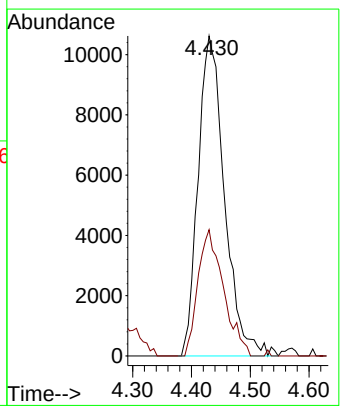


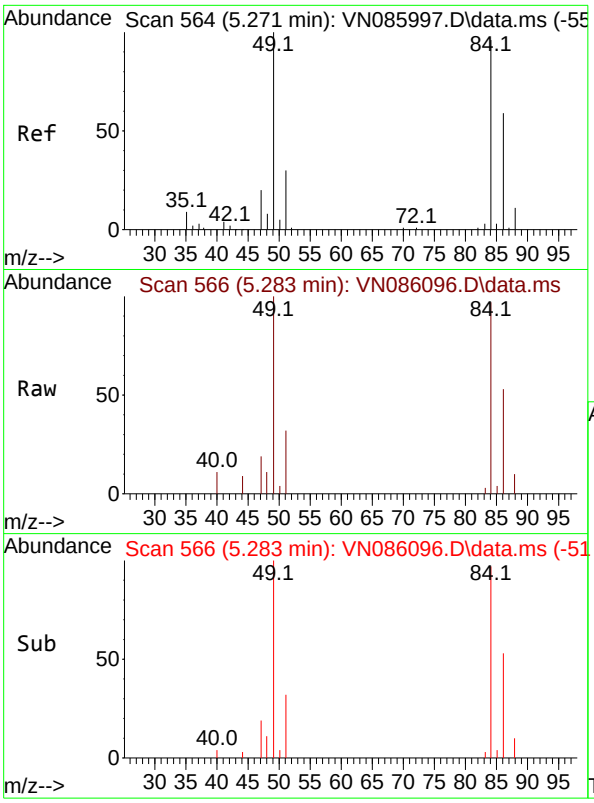


#16
Acetone
Concen: 47.480 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Tgt Ion: 43 Resp: 33222

Ion	Ratio	Lower	Upper
43	100		
58	39.4	29.4	44.2



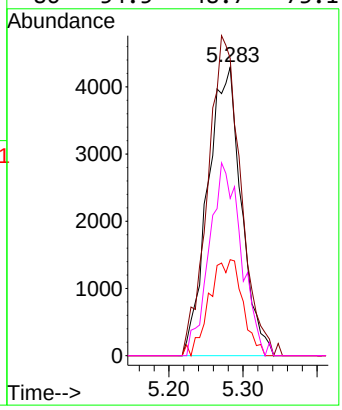


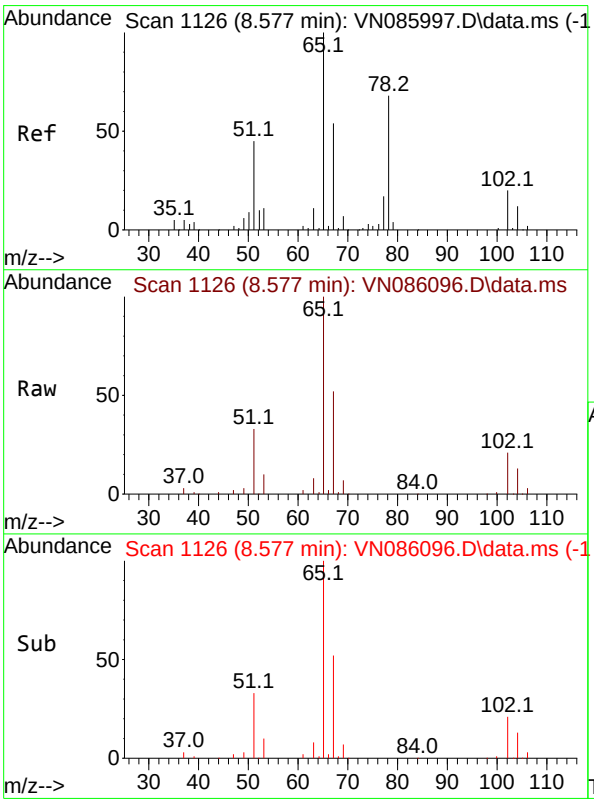
#20
Methylene Chloride
Concen: 6.578 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#01

Tgt Ion: 84 Resp: 13464

Ion	Ratio	Lower	Upper
84	100		
49	103.1	83.3	124.9
51	33.3	24.8	37.2
86	54.5	48.7	73.1

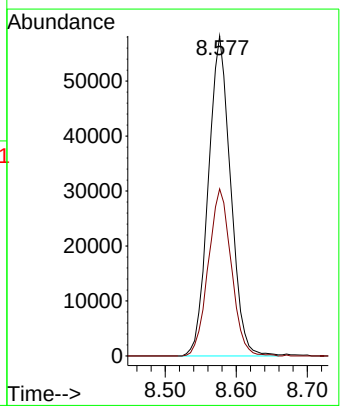


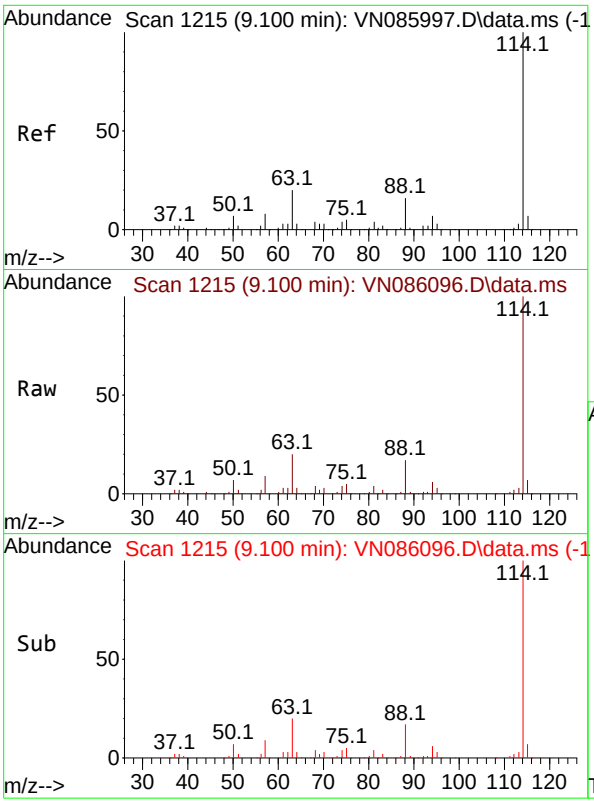


#33
1,2-Dichloroethane-d4
Concen: 55.219 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Tgt Ion: 65 Resp: 126469

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	102.2



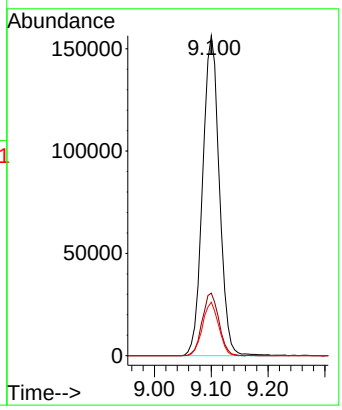


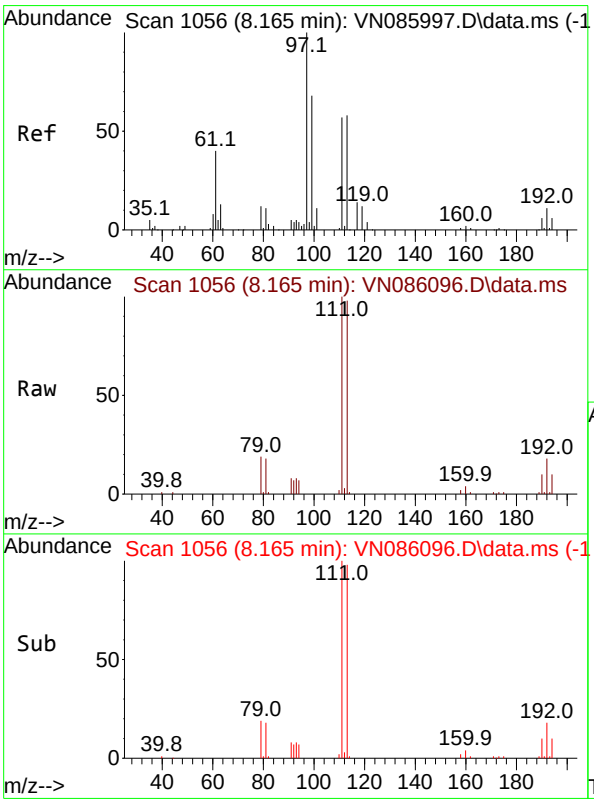
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#01

Tgt Ion:114 Resp: 318766

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	16.7	0.0	32.6

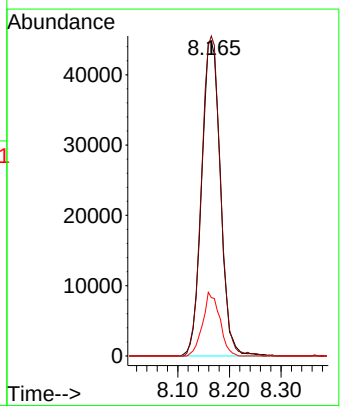


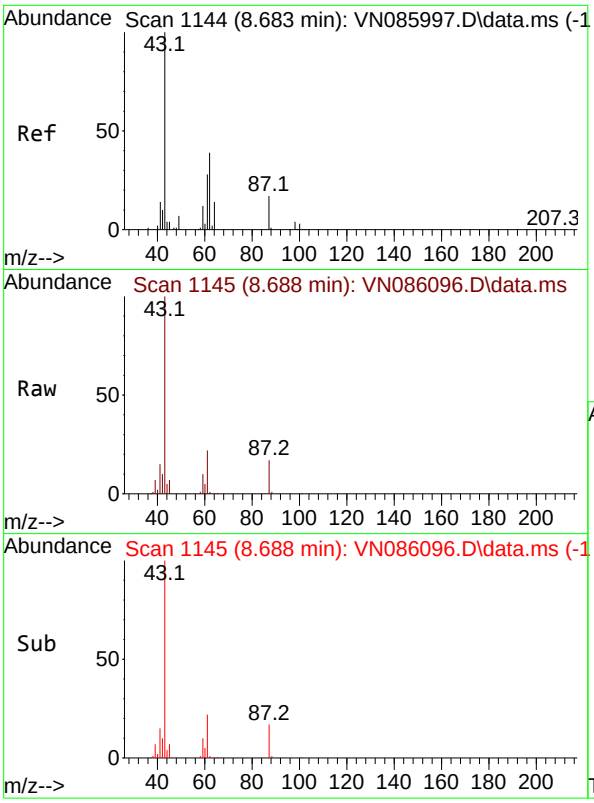


#35
Dibromofluoromethane
Concen: 50.896 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Tgt Ion:113 Resp: 113240

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	18.3	15.9	23.9



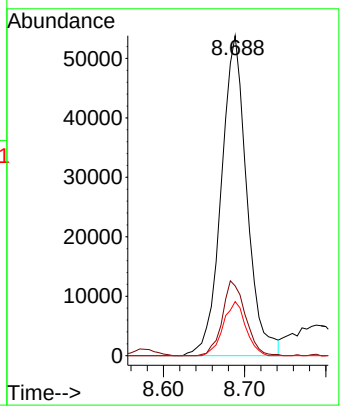


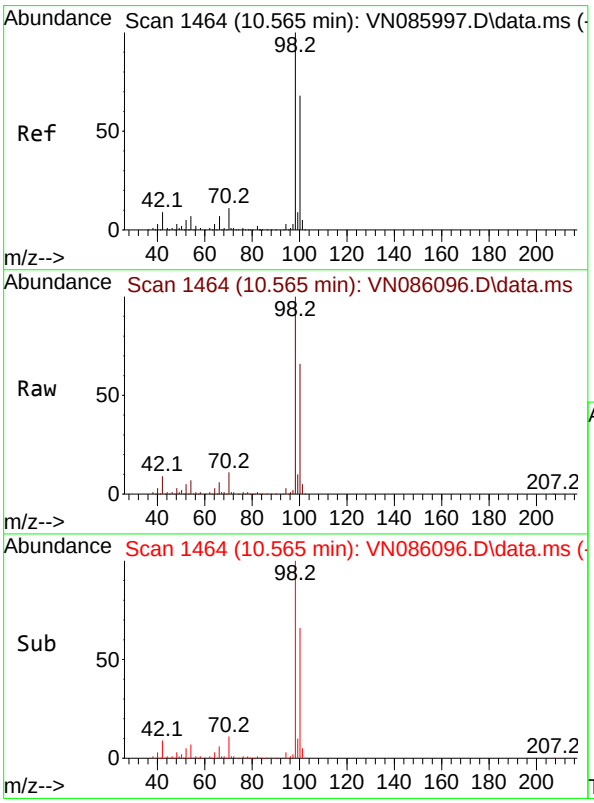
#43
Isopropyl Acetate
Concen: 22.069 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#01

Tgt Ion: 43 Resp: 118196

Ion	Ratio	Lower	Upper
43	100		
61	21.0	25.0	37.6#
87	14.9	13.0	19.4

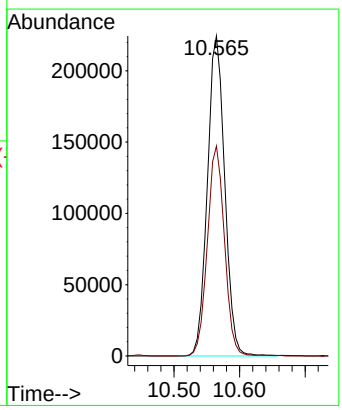


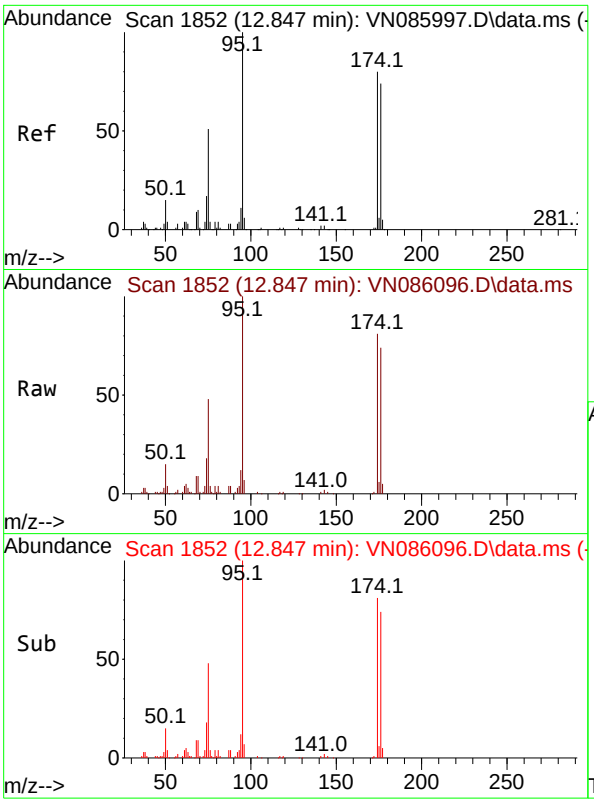


#50
Toluene-d8
Concen: 51.118 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Tgt Ion: 98 Resp: 412778

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.1	79.7



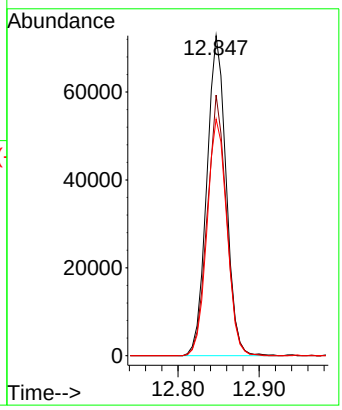


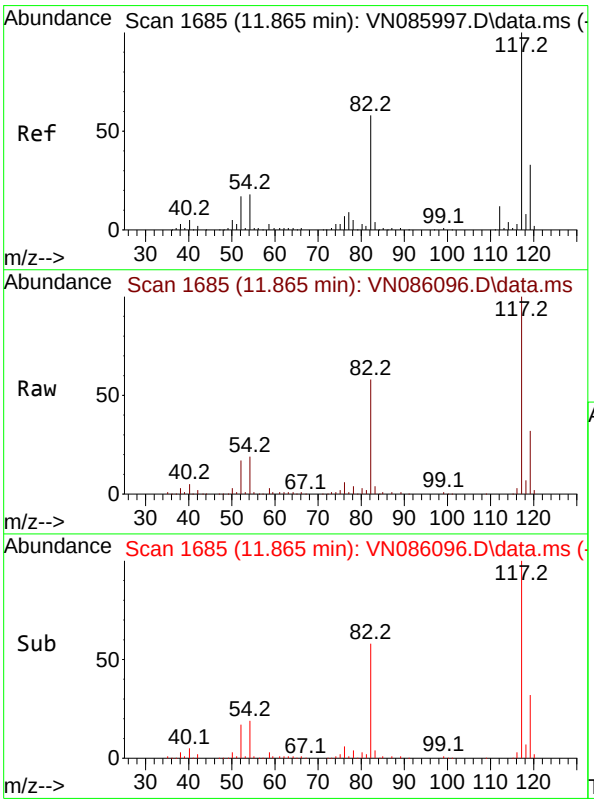
#62
4-Bromofluorobenzene
Concen: 41.828 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#01

Tgt Ion: 95 Resp: 120455

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	156.8
176	75.9	0.0	152.2

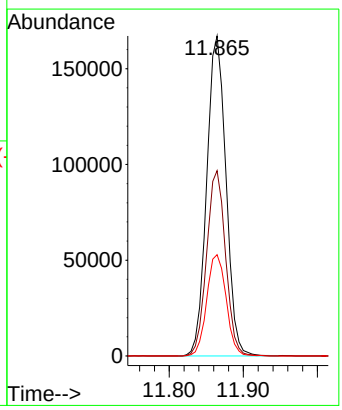


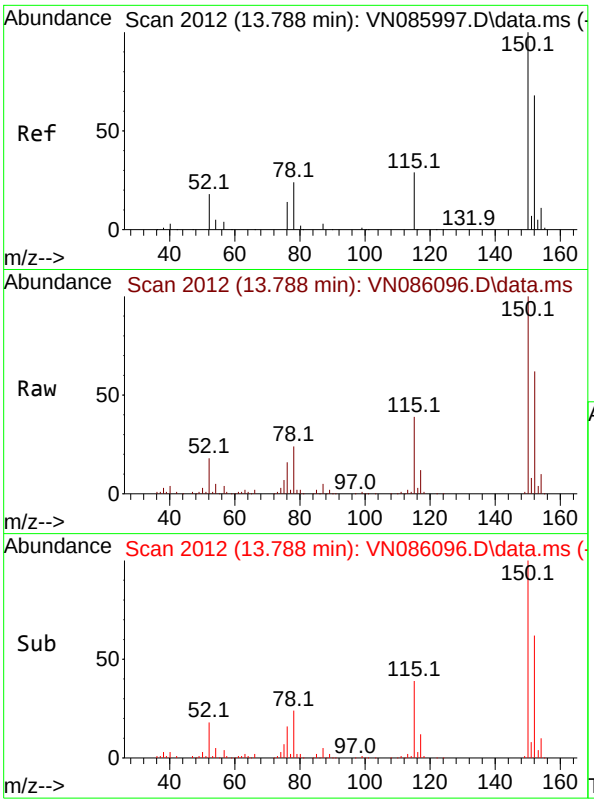


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086096.D
Acq: 25 Mar 2025 13:28

Tgt Ion:117 Resp: 301692

Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.7	70.1
119	31.6	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: VN086096.D
Acq: 25 Mar 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#01

Tgt Ion:152 Resp: 106726

Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.1	93.2
150	156.0	0.0	359.6