Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086043.D
Acq On : 21 Mar 2025 16:29
Operator : JC\MD
Sample : PB167234ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#03

Quant Time: Mar 21 23:00:07 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	149330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113434	55.473	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.940%			
35) Dibromofluoromethane	8.165	113	96399	50.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	10.565	98	351782	50.900	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.800%			
62) 4-Bromofluorobenzene	12.847	95	101069	41.006	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 82.020%			
Target Compounds						Qvalue
16) Acetone	4.430	43	24547	39.293	ug/l	99
20) Methylene Chloride	5.271	84	10396	5.688	ug/l #	96
25) 2-Butanone	7.489	43	5873	6.515	ug/l	98
43) Isopropyl Acetate	8.688	43	95815	20.902	ug/l #	84

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

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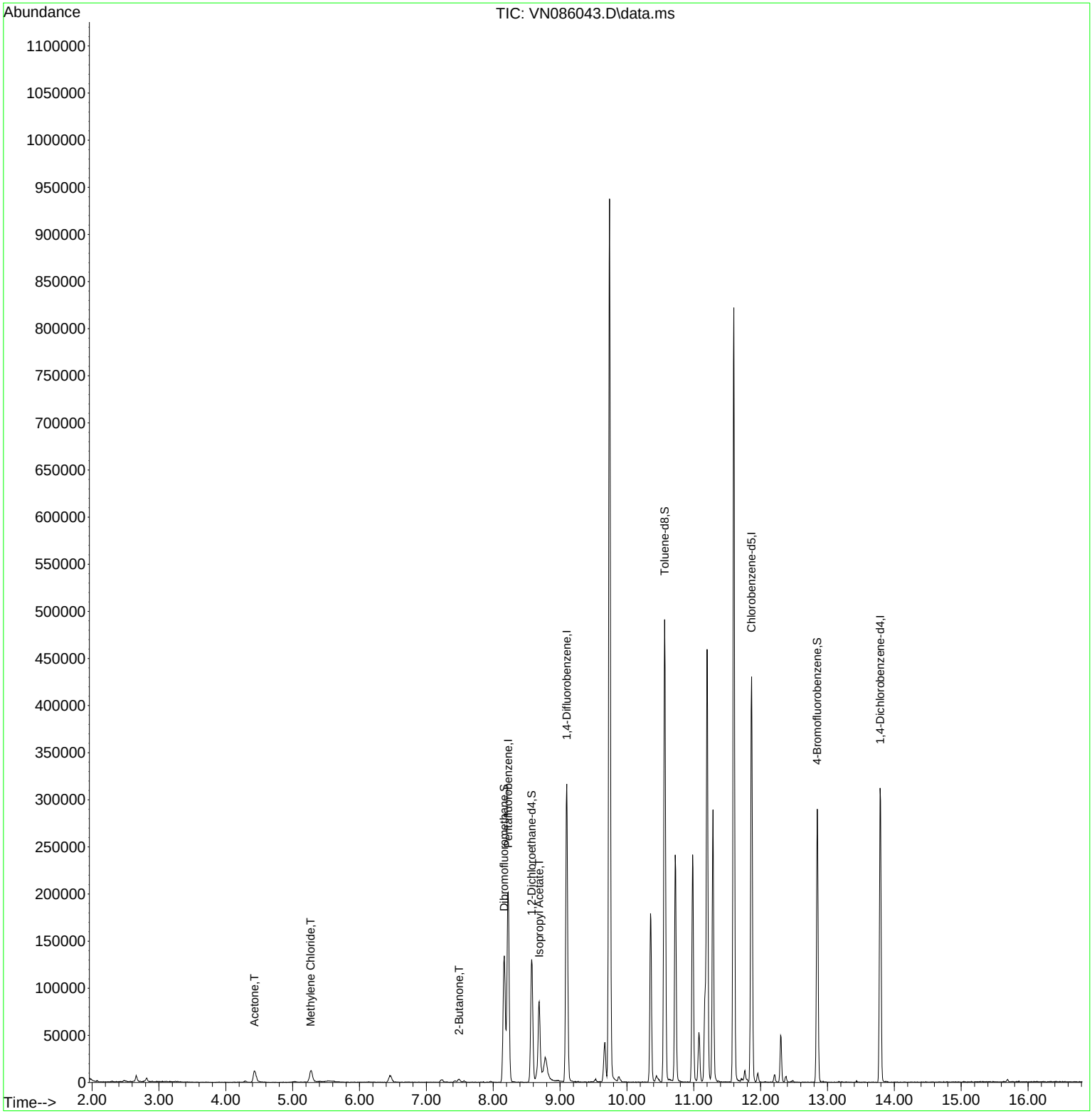
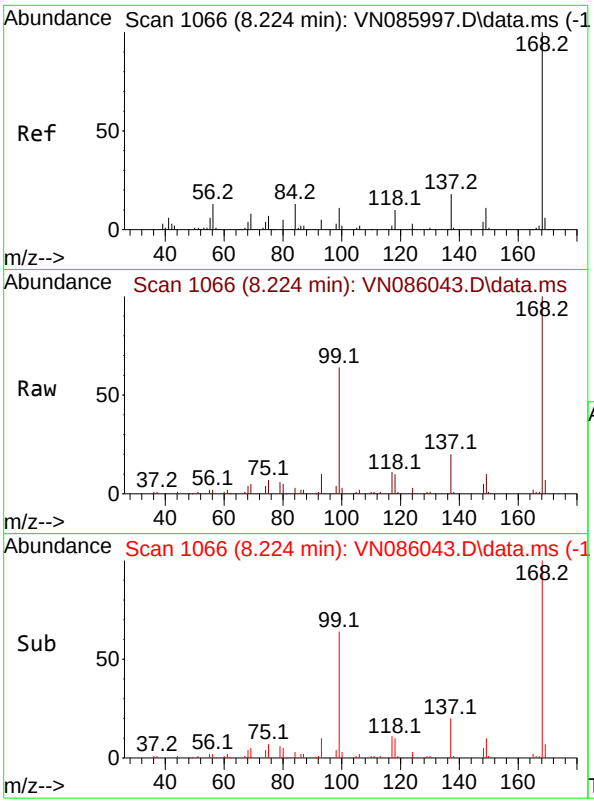


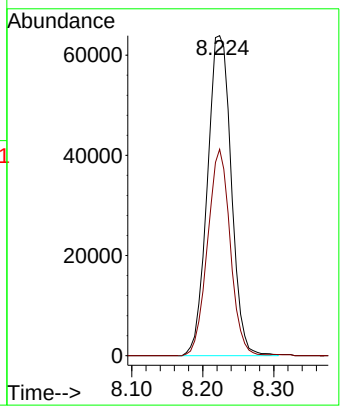


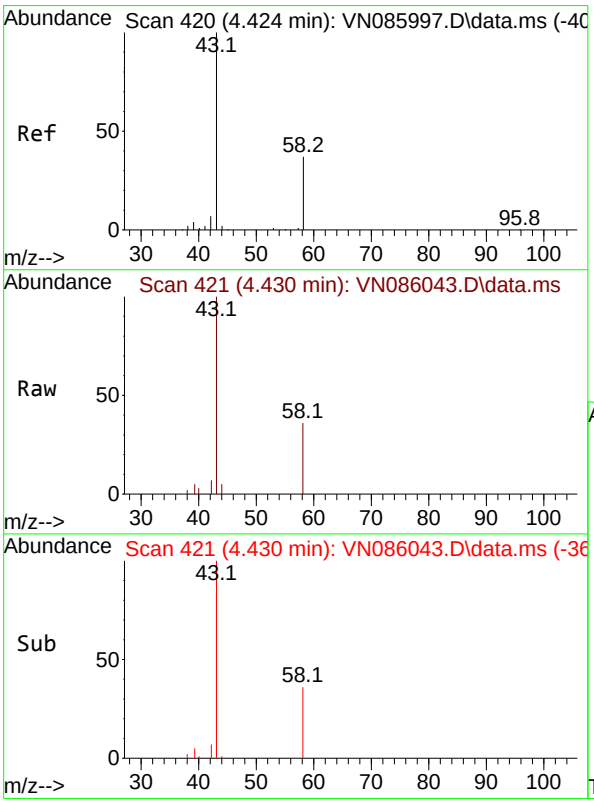
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#03

Tgt Ion:168 Resp: 149330

Ion	Ratio	Lower	Upper
168	100		
99	64.5	49.4	74.2

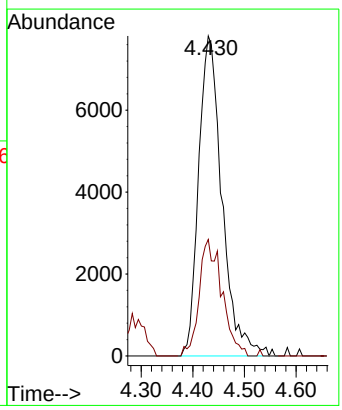


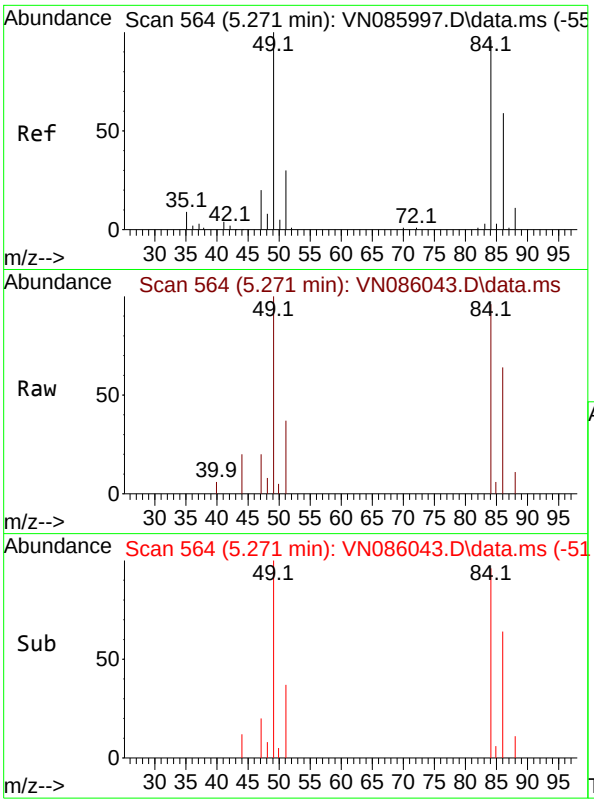


#16
Acetone
Concen: 39.293 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Tgt Ion: 43 Resp: 24547

Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.4	44.2



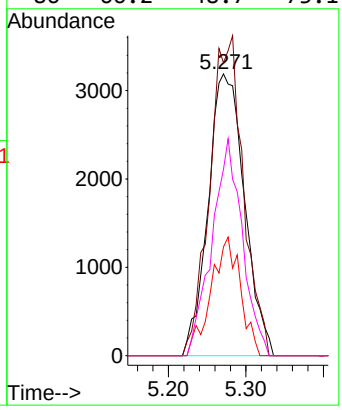


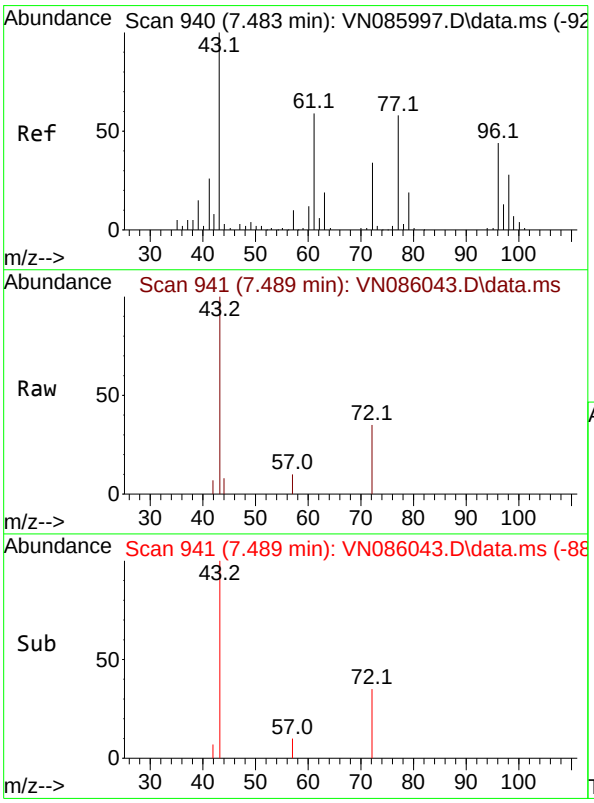
#20
Methylene Chloride
Concen: 5.688 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#03

Tgt Ion: 84 Resp: 10396

Ion	Ratio	Lower	Upper
84	100		
49	103.9	83.3	124.9
51	38.6	24.8	37.2#
86	66.2	48.7	73.1

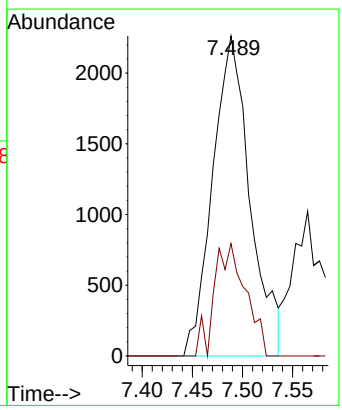


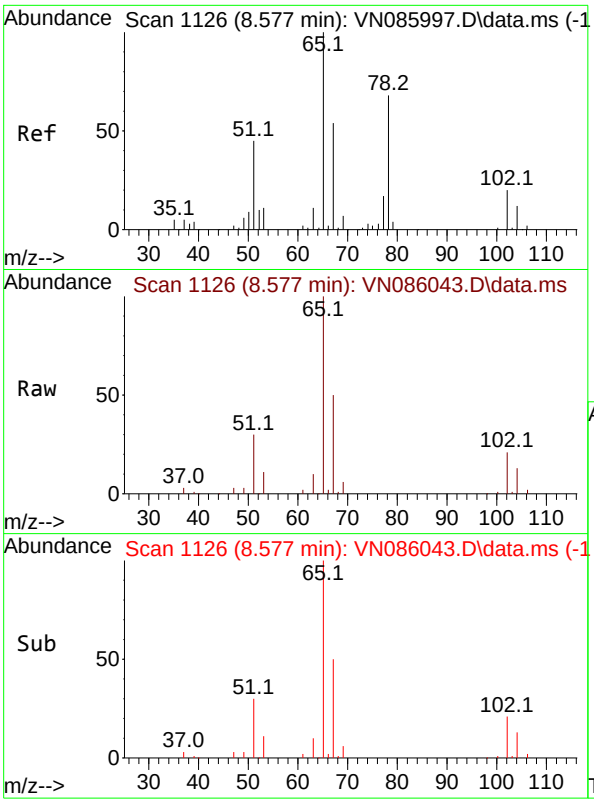


#25
2-Butanone
Concen: 6.515 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Tgt Ion: 43 Resp: 5873

Ion	Ratio	Lower	Upper
43	100		
72	35.1	27.4	41.0



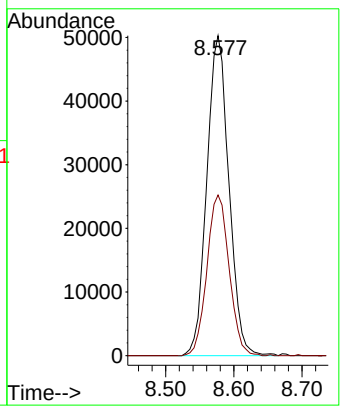


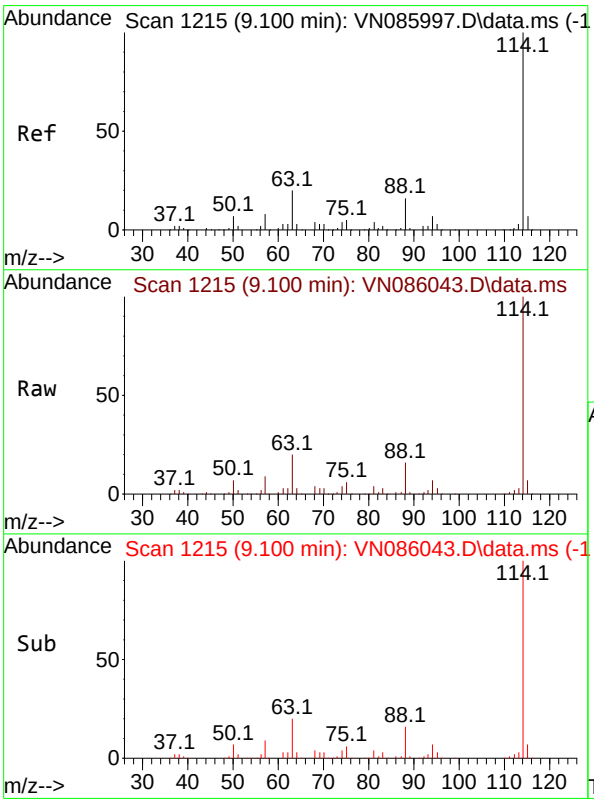
#33
1,2-Dichloroethane-d4
Concen: 55.473 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#03

Tgt Ion: 65 Resp: 113434

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	102.2

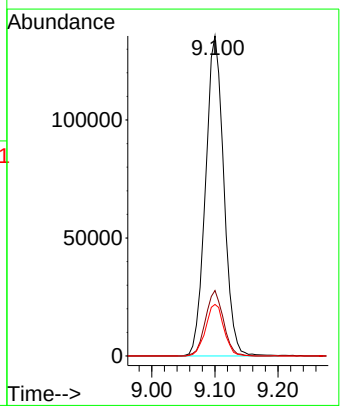


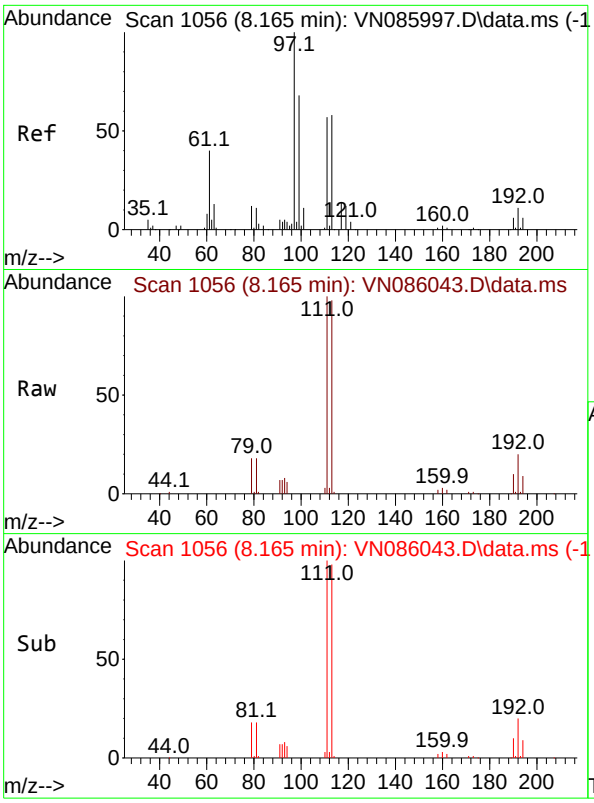


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Tgt Ion:114 Resp: 272825

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.6
88	16.1	0.0	32.6



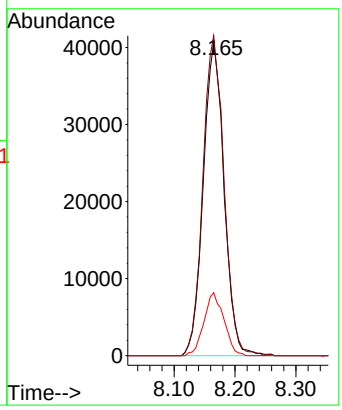


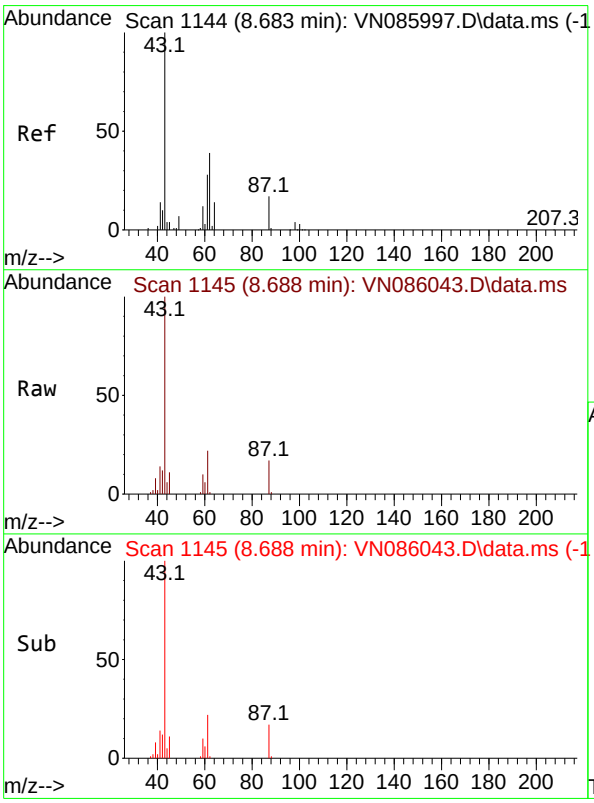
#35
Dibromofluoromethane
Concen: 50.622 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#03

Tgt Ion:113 Resp: 96399

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.8
192	19.4	15.9	23.9

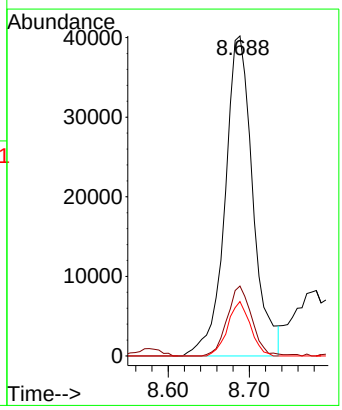


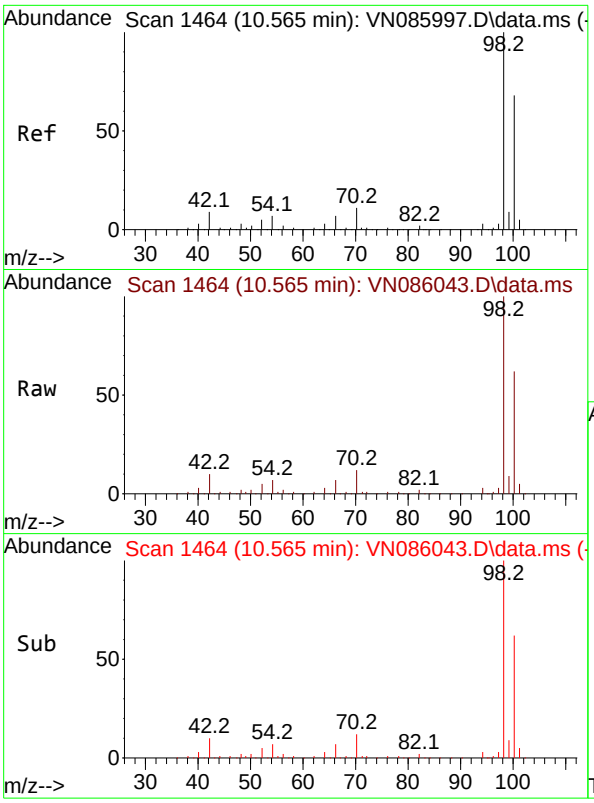


#43
Isopropyl Acetate
Concen: 20.902 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Tgt Ion: 43 Resp: 95815

Ion	Ratio	Lower	Upper
43	100		
61	19.4	25.0	37.6#
87	13.9	13.0	19.4



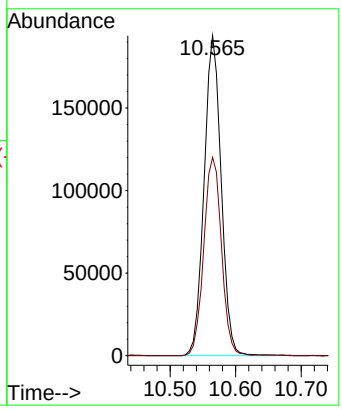


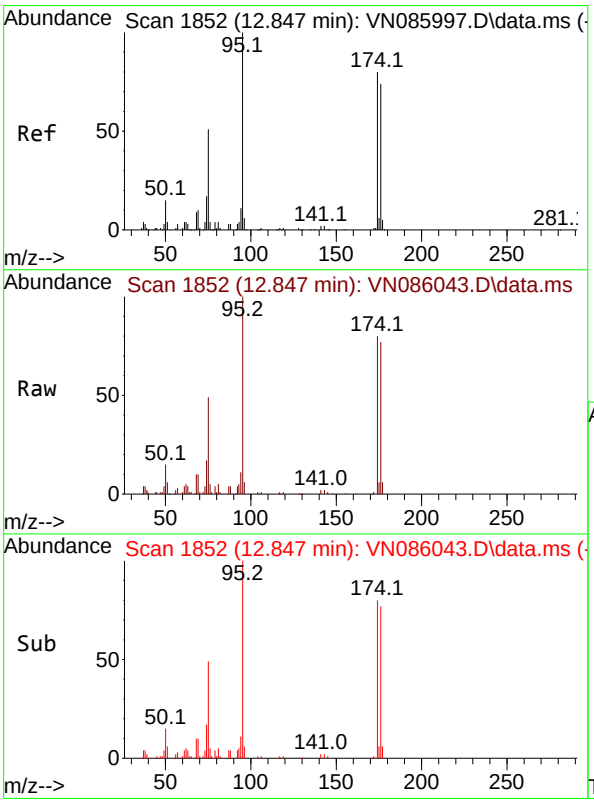
#50
Toluene-d8
Concen: 50.900 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#03

Tgt Ion: 98 Resp: 351782

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7

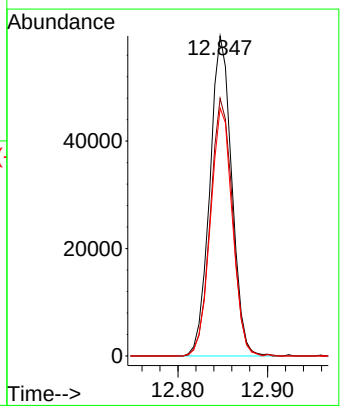


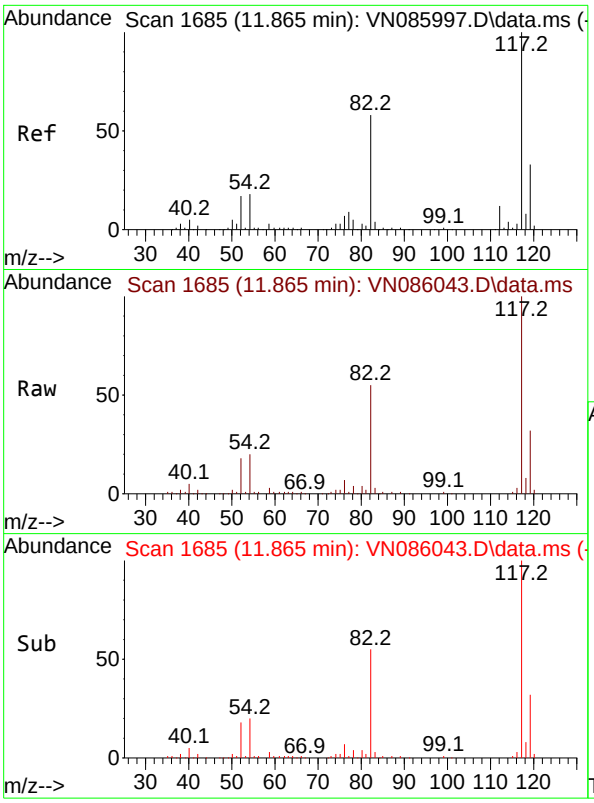


#62
4-Bromofluorobenzene
Concen: 41.006 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Tgt Ion: 95 Resp: 101069

Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	156.8
176	77.6	0.0	152.2



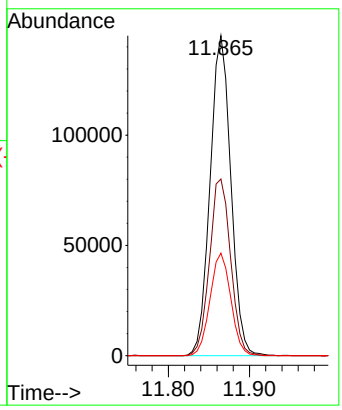


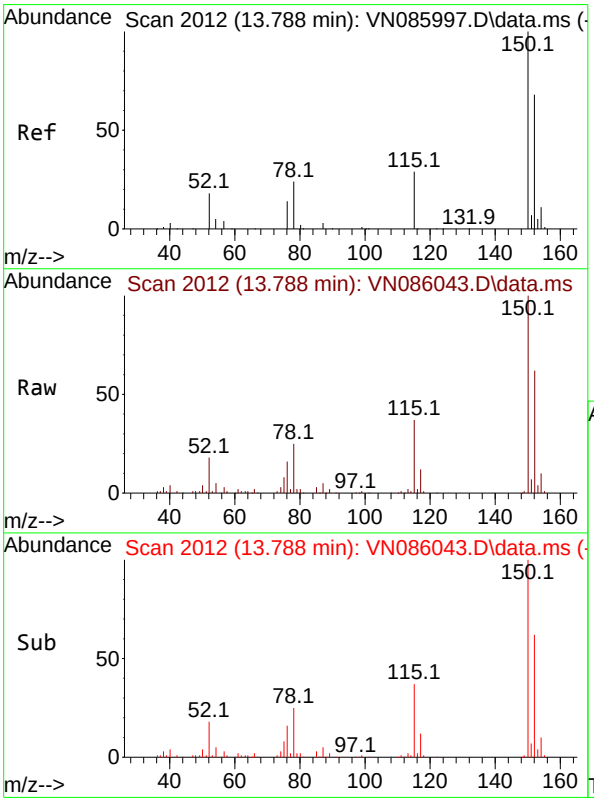
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#03

Tgt Ion:117 Resp: 257981

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# 2012
Delta R.T. -0.000 min
Lab File: VN086043.D
Acq: 21 Mar 2025 16:29

Tgt Ion:152 Resp: 92045

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.1	93.2
150	155.1	0.0	359.6