Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086042.D
Acq On : 21 Mar 2025 16:05
Operator : JC\MD
Sample : PB167234ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#02

Quant Time: Mar 21 22:59:35 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	147870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116089	57.332	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.660%			
35) Dibromofluoromethane	8.165	113	99290	52.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.000%			
50) Toluene-d8	10.565	98	359290	51.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.847	95	105752	42.793	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.580%			
Target Compounds						Qvalue
16) Acetone	4.436	43	25029	40.460	ug/l	92
20) Methylene Chloride	5.277	84	10506	5.805	ug/l	96
25) 2-Butanone	7.489	43	6100	6.834	ug/l	92
43) Isopropyl Acetate	8.688	43	95096	20.691	ug/l #	86

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

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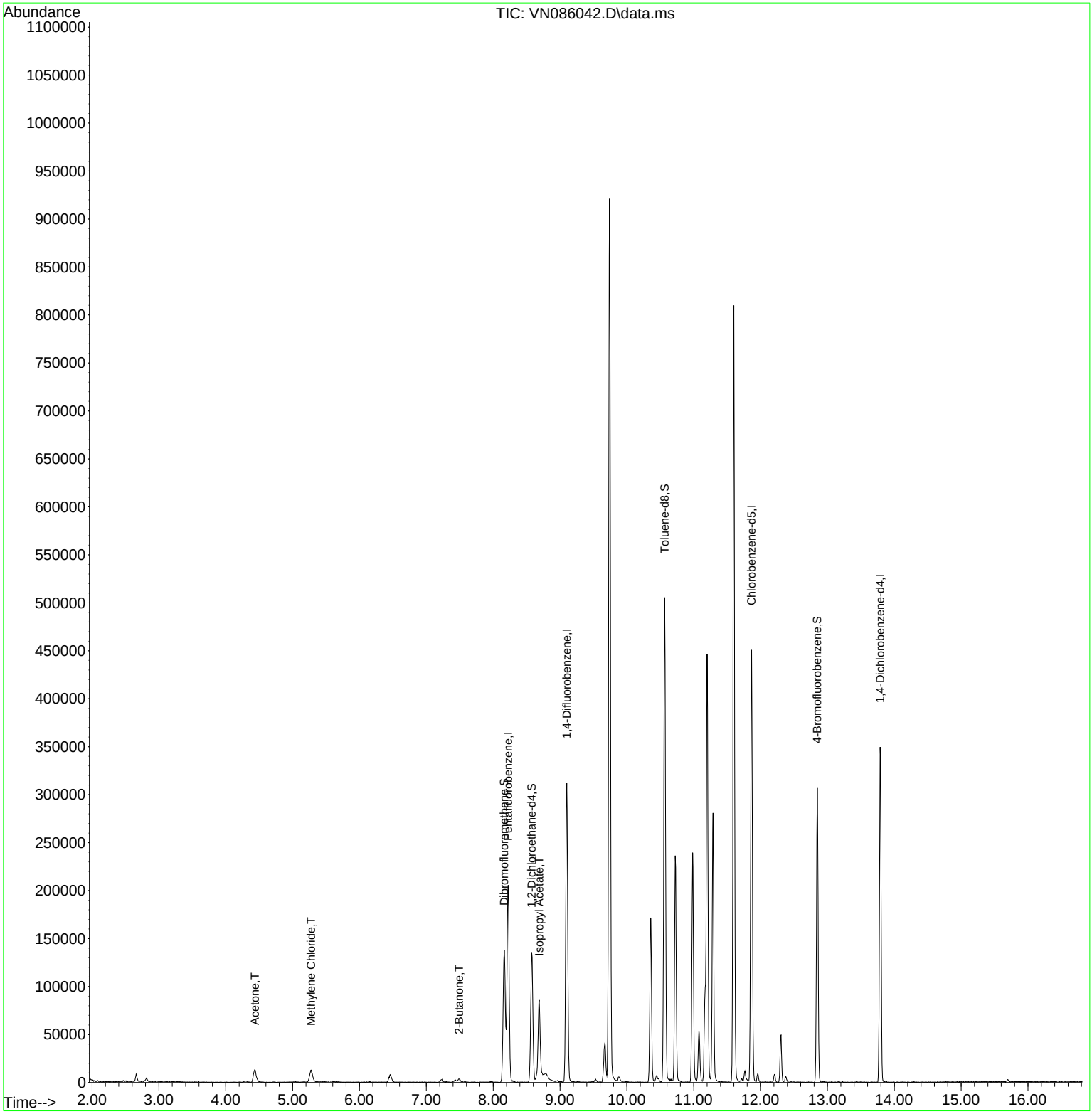
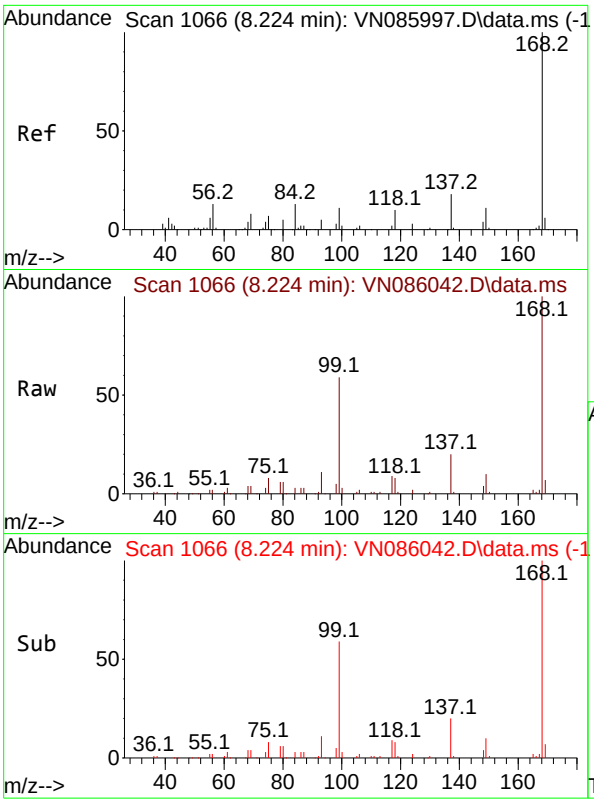


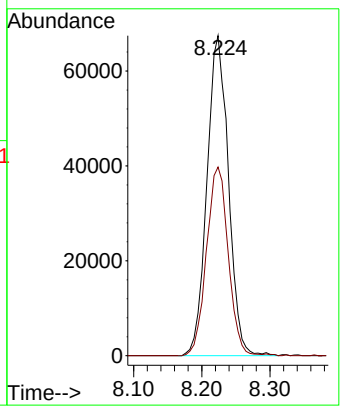


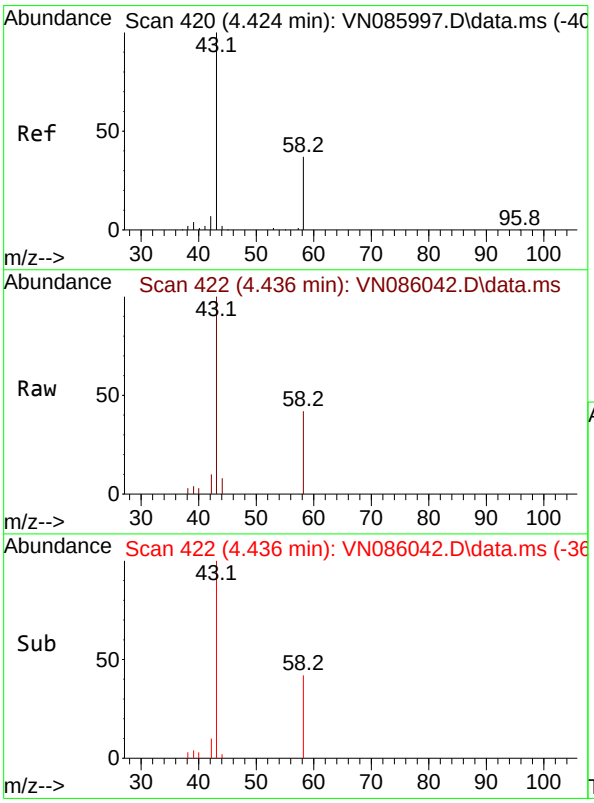
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#02

Tgt Ion:168 Resp: 147870

Ion	Ratio	Lower	Upper
168	100		
99	59.0	49.4	74.2

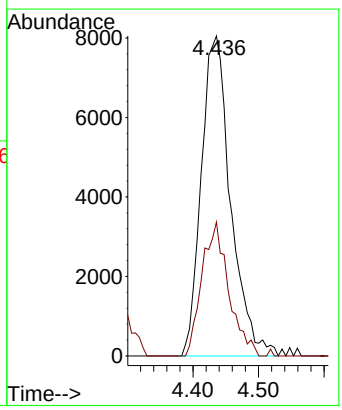


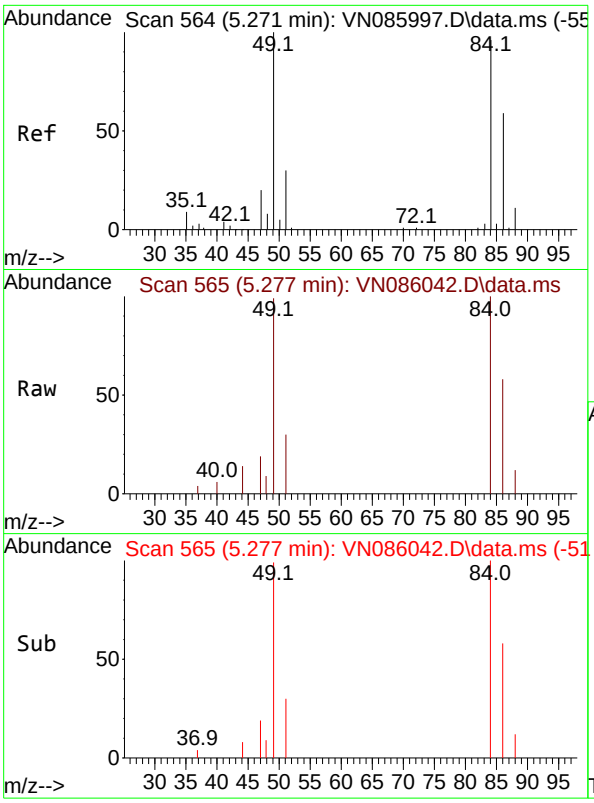


#16
Acetone
Concen: 40.460 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Tgt Ion: 43 Resp: 25029

Ion	Ratio	Lower	Upper
43	100		
58	41.8	29.4	44.2



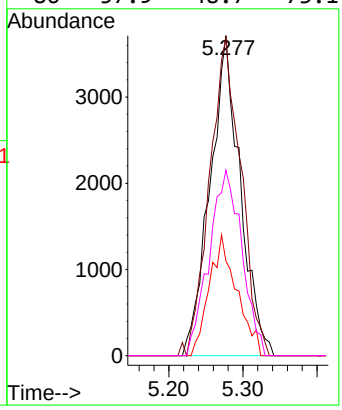


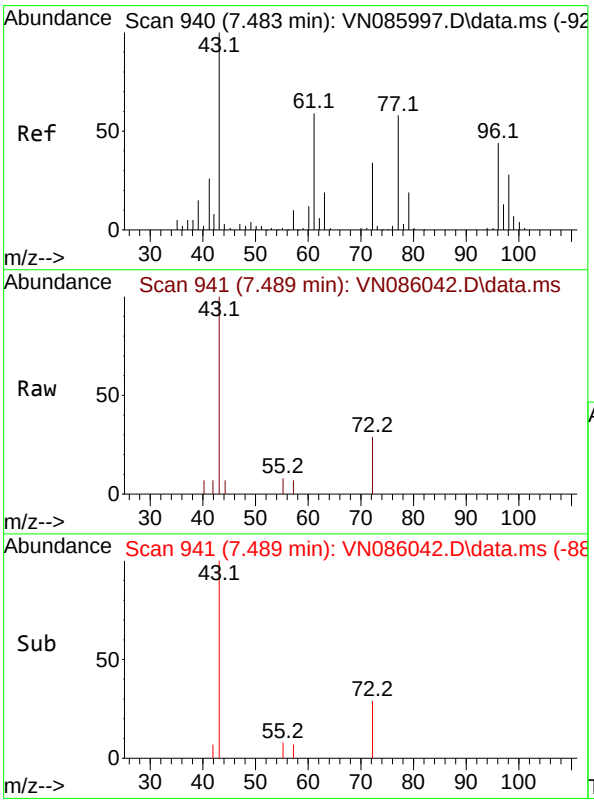
#20
Methylene Chloride
Concen: 5.805 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#02

Tgt Ion: 84 Resp: 10506

Ion	Ratio	Lower	Upper
84	100		
49	99.3	83.3	124.9
51	29.6	24.8	37.2
86	57.9	48.7	73.1

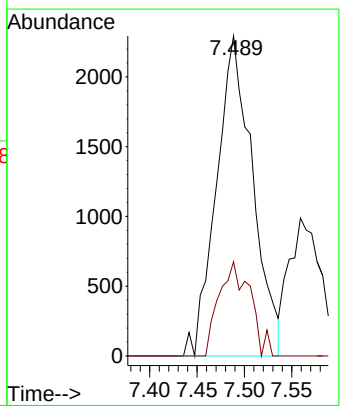


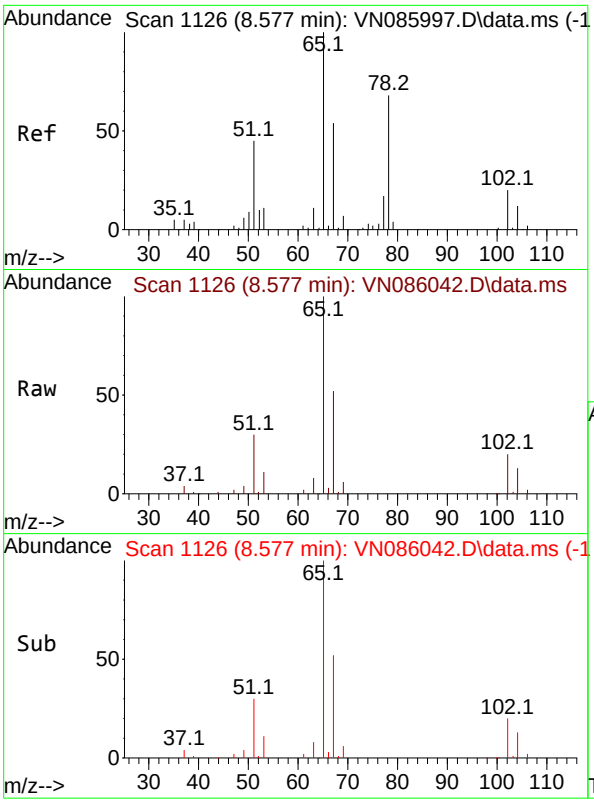


#25
2-Butanone
Concen: 6.834 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Tgt Ion: 43 Resp: 6100

Ion	Ratio	Lower	Upper
43	100		
72	29.5	27.4	41.0



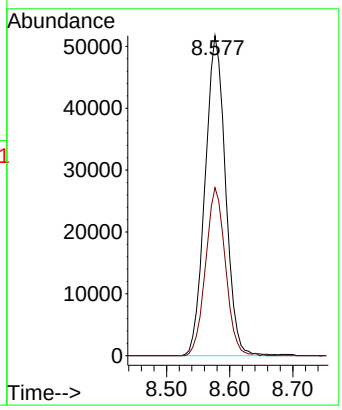


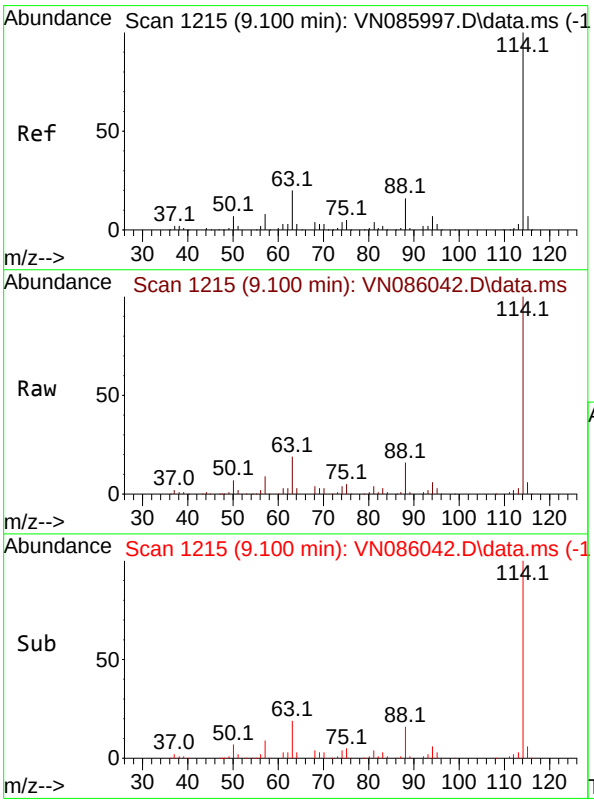
#33
1,2-Dichloroethane-d4
Concen: 57.332 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#02

Tgt Ion: 65 Resp: 116089

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.2

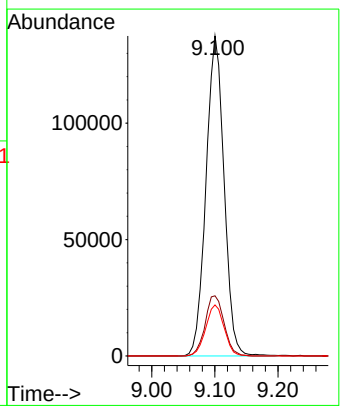


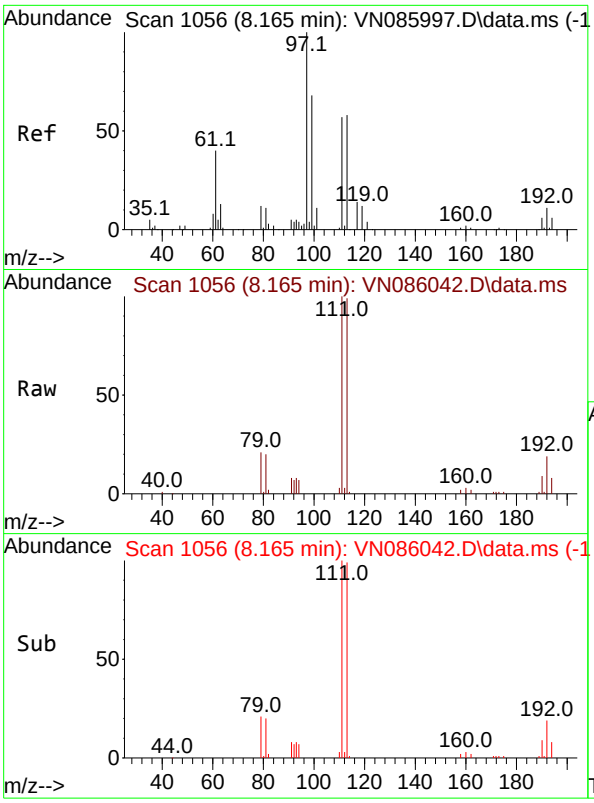


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Tgt Ion:114 Resp: 273541

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.6
88	15.9	0.0	32.6



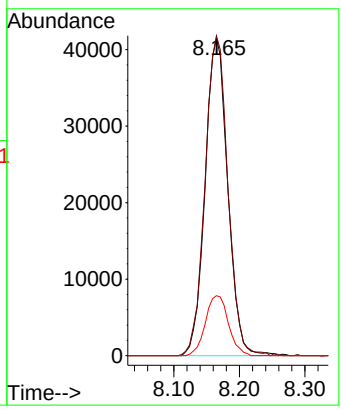


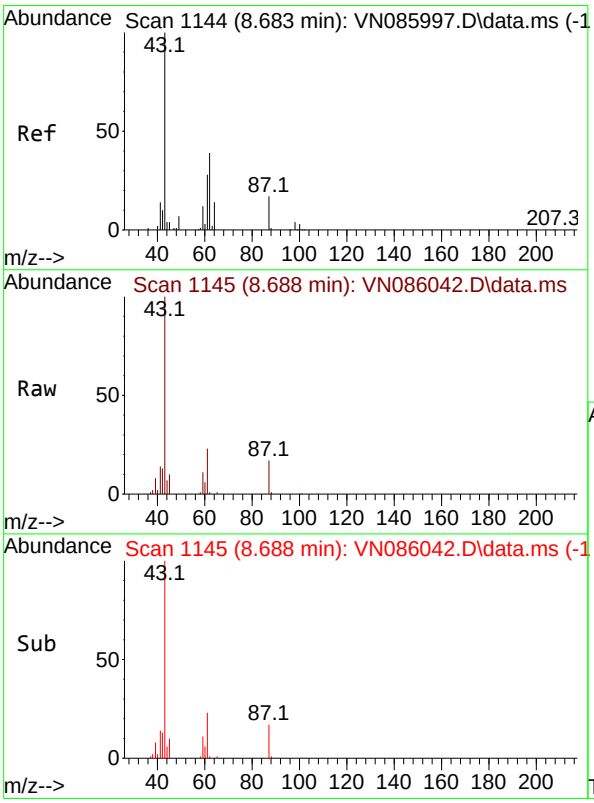
#35
Dibromofluoromethane
Concen: 52.004 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#02

Tgt Ion:113 Resp: 99290

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	19.3	15.9	23.9

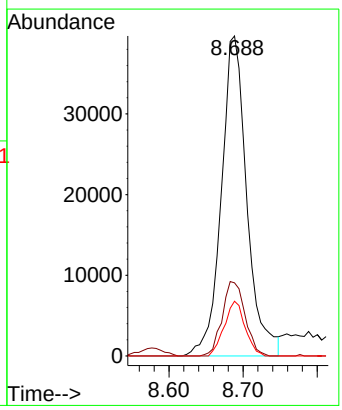


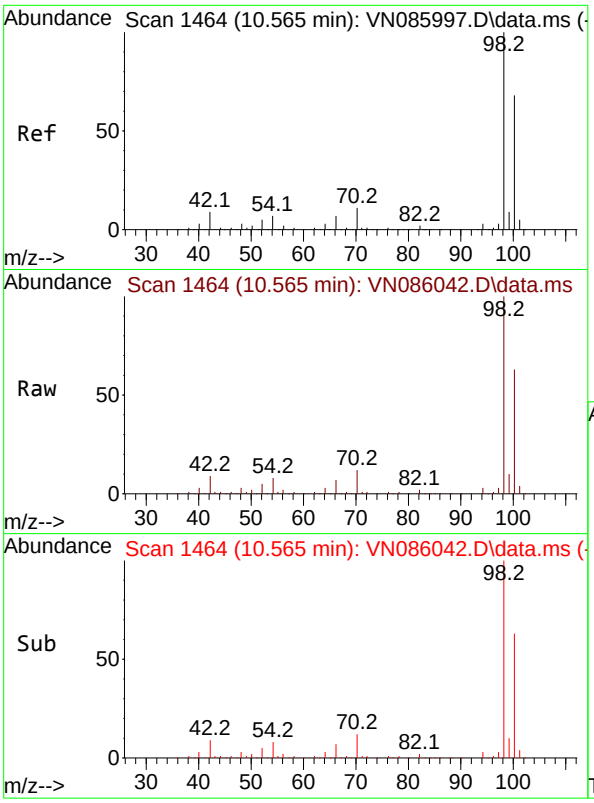


#43
Isopropyl Acetate
Concen: 20.691 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Tgt Ion: 43 Resp: 95096

Ion	Ratio	Lower	Upper
43	100		
61	20.8	25.0	37.6#
87	13.9	13.0	19.4



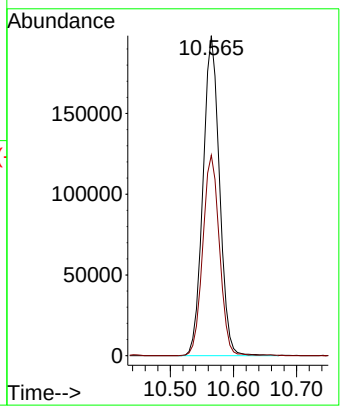


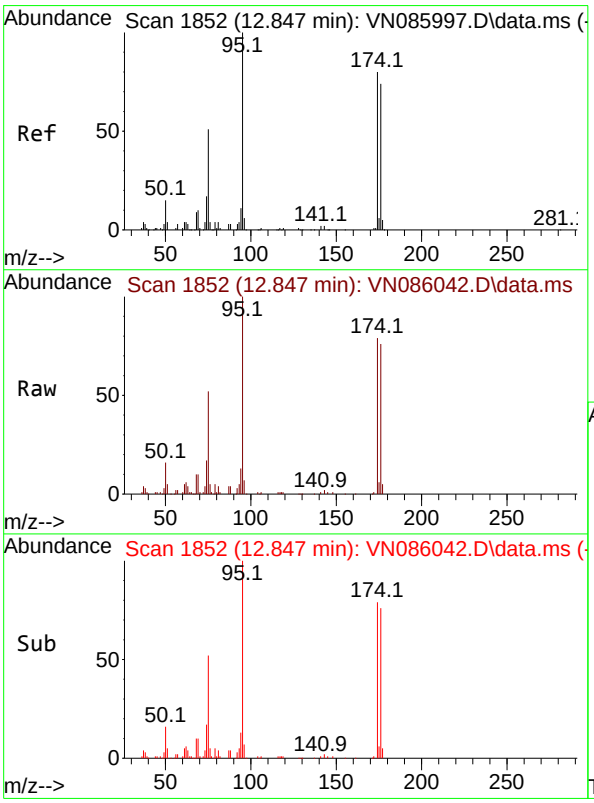
#50
Toluene-d8
Concen: 51.850 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#02

Tgt Ion: 98 Resp: 359290

Ion	Ratio	Lower	Upper
98	100		
100	63.3	53.1	79.7

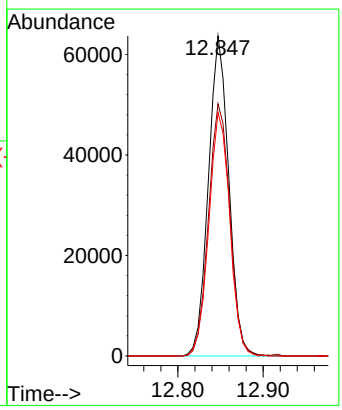


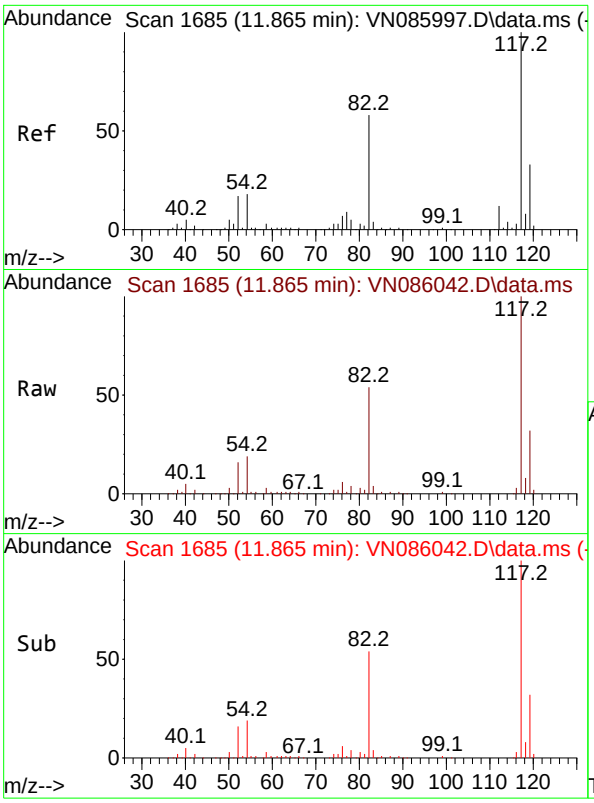


#62
4-Bromofluorobenzene
Concen: 42.793 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Tgt Ion: 95 Resp: 105752

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	156.8
176	78.1	0.0	152.2



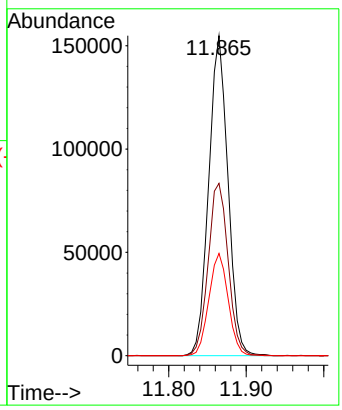


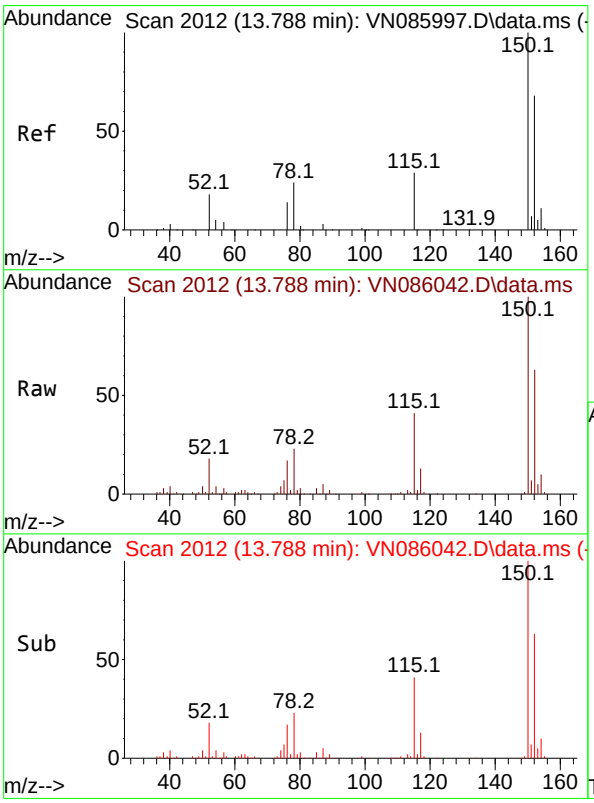
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086042.D
Acq: 21 Mar 2025 16:05

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#02

Tgt Ion:117 Resp: 266254

Ion	Ratio	Lower	Upper
117	100		
82	53.9	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: VN086042.D
Acq: 21 Mar 2025 16:05

Tgt Ion:152 Resp: 99439

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.1	93.2
150	158.0	0.0	359.6