Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
Data File : VN086013.D
Acq On : 19 Mar 2025 16:50
Operator : JC\MD
Sample : PB167194ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#03

Quant Time: Mar 20 02:48:33 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	136926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104159	55.552	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.100%			
35) Dibromofluoromethane	8.165	113	88699	52.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	10.565	98	320214	52.260	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.520%			
62) 4-Bromofluorobenzene	12.847	95	101256	46.337	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.680%			
Target Compounds						Qvalue
16) Acetone	4.424	43	17253	30.119	ug/l	93
20) Methylene Chloride	5.271	84	3691	2.203	ug/l #	83
25) 2-Butanone	7.482	43	13298	16.089	ug/l	92
43) Isopropyl Acetate	8.688	43	78820	19.394	ug/l #	86

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

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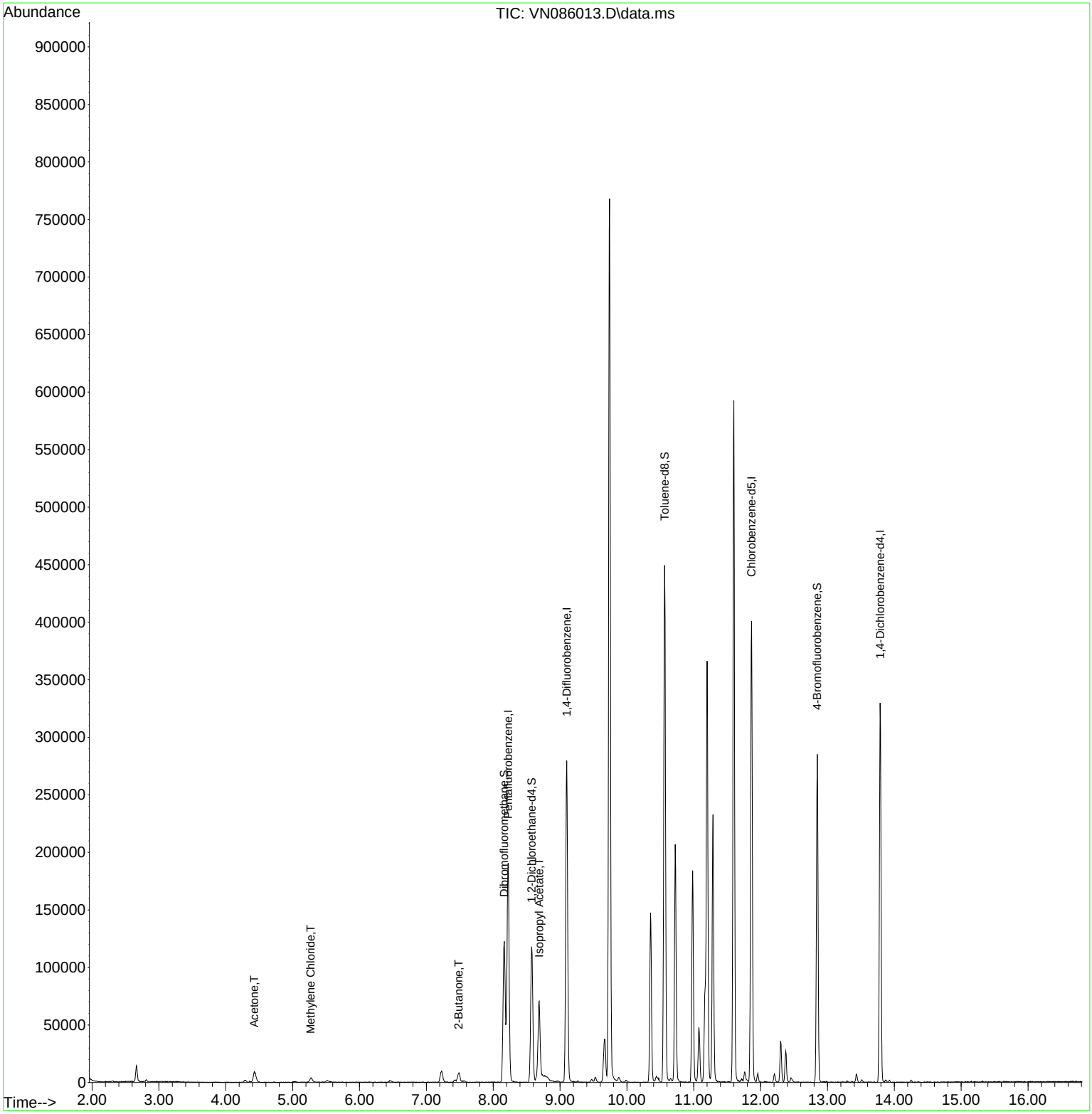
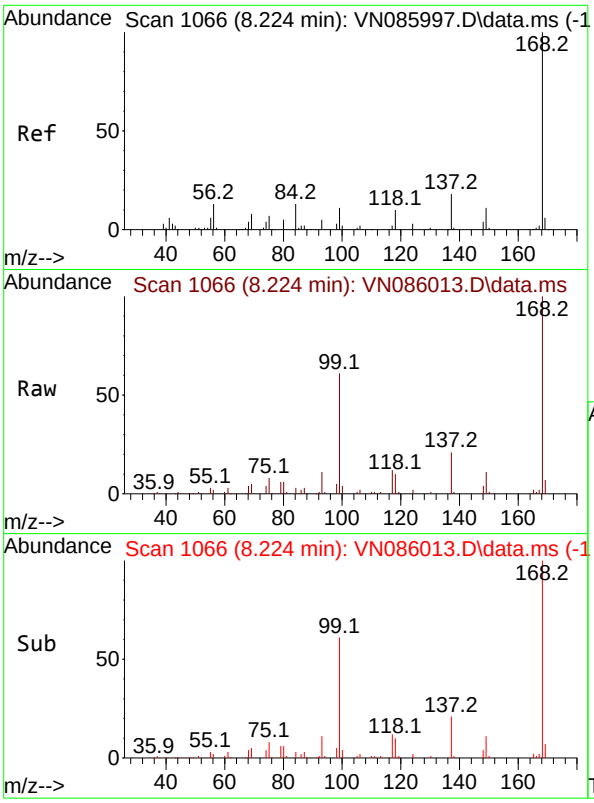


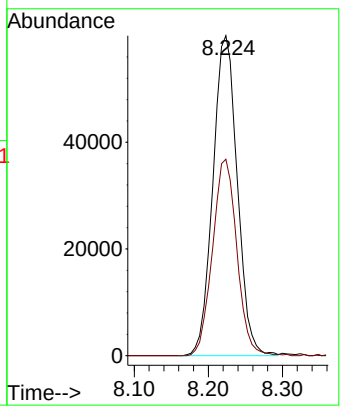


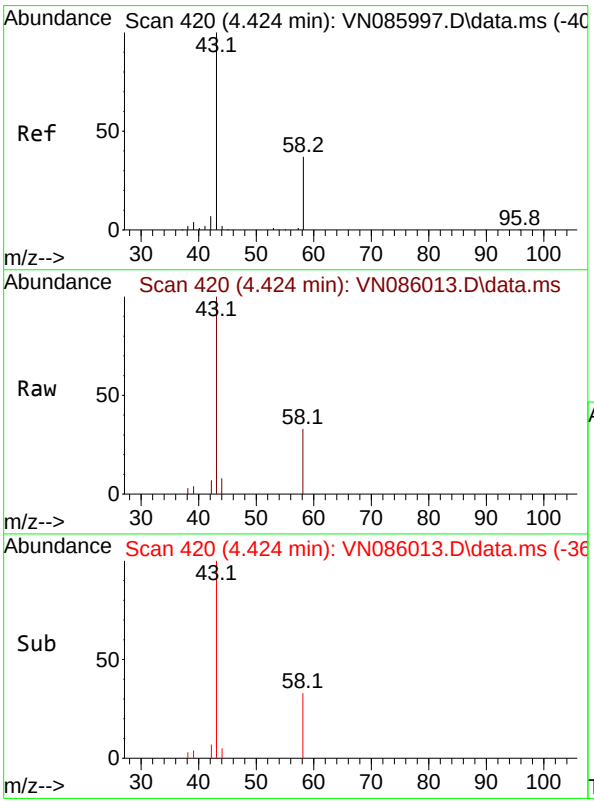
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#03

Tgt Ion:168 Resp: 136926

Ion	Ratio	Lower	Upper
168	100		
99	61.4	49.4	74.2

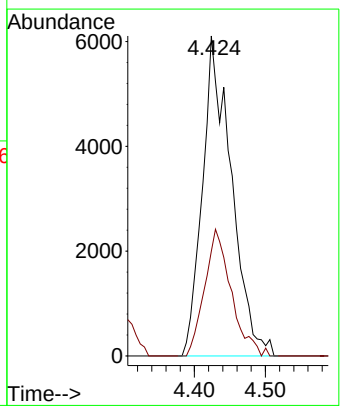


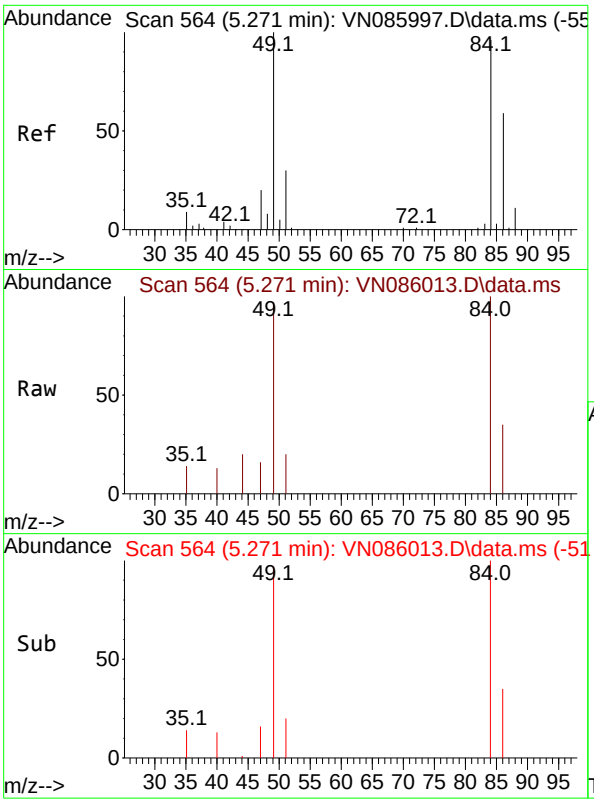


#16
Acetone
Concen: 30.119 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Tgt Ion: 43 Resp: 17253

Ion	Ratio	Lower	Upper
43	100		
58	32.7	29.4	44.2



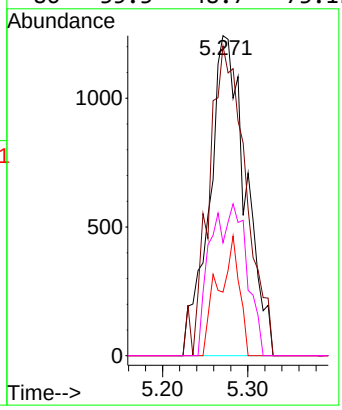


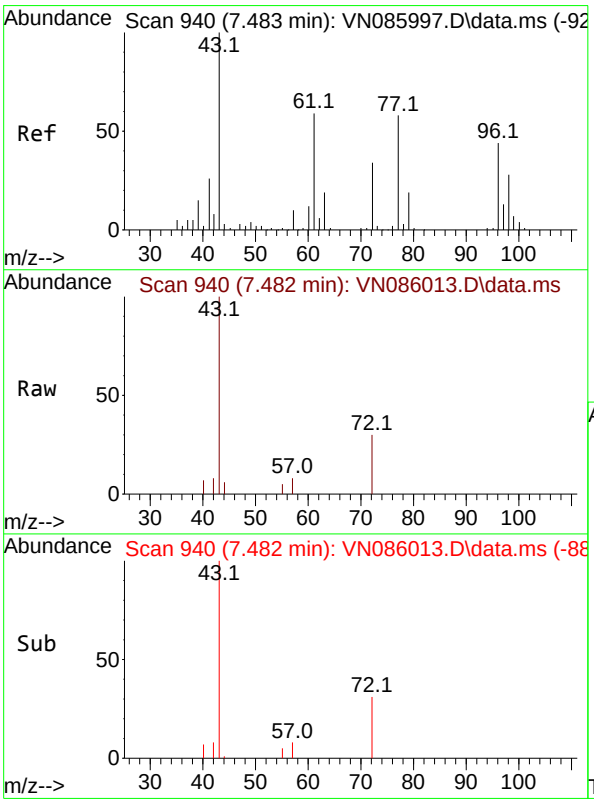
#20
Methylene Chloride
Concen: 2.203 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#03

Tgt Ion: 84 Resp: 3691

Ion	Ratio	Lower	Upper
84	100		
49	96.8	83.3	124.9
51	19.9	24.8	37.2#
86	35.3	48.7	73.1#

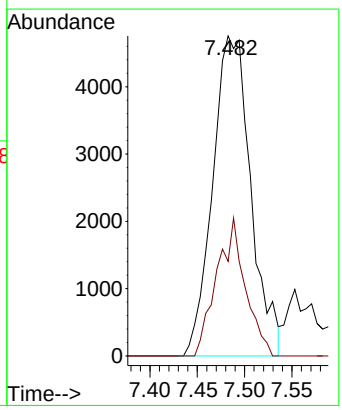


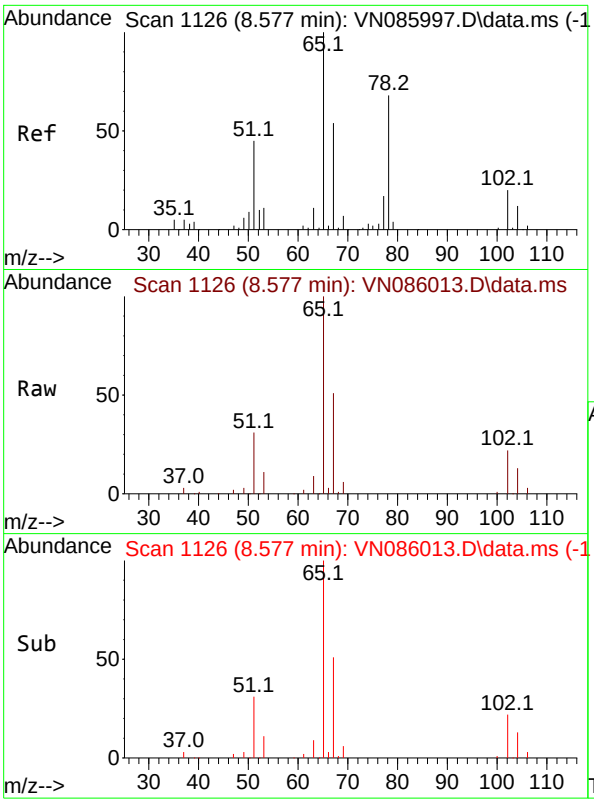


#25
2-Butanone
Concen: 16.089 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Tgt Ion: 43 Resp: 13298

Ion	Ratio	Lower	Upper
43	100		
72	29.6	27.4	41.0



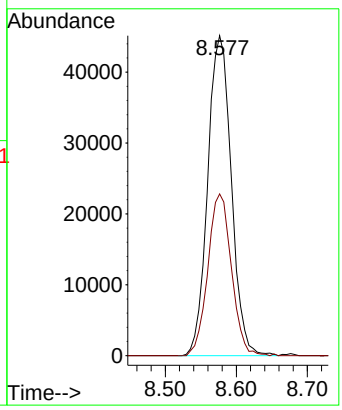


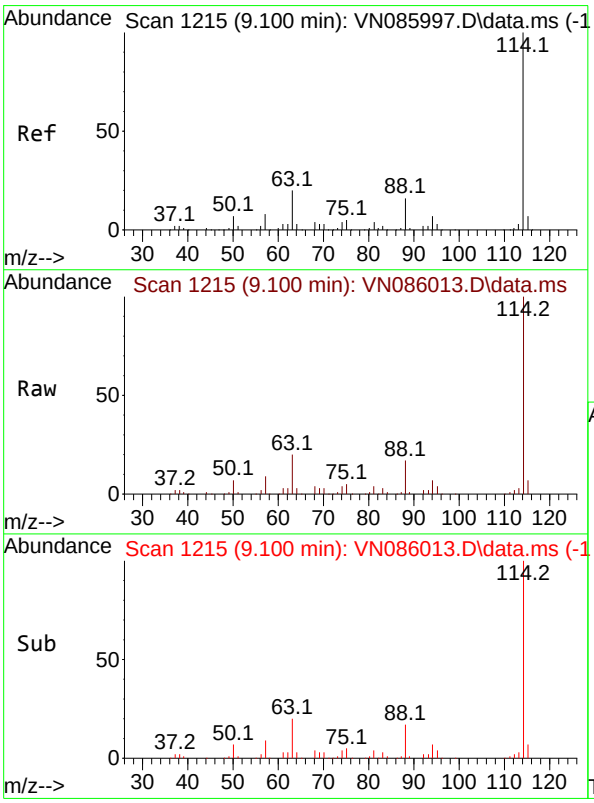
#33
1,2-Dichloroethane-d4
Concen: 55.552 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#03

Tgt Ion: 65 Resp: 104159

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.2

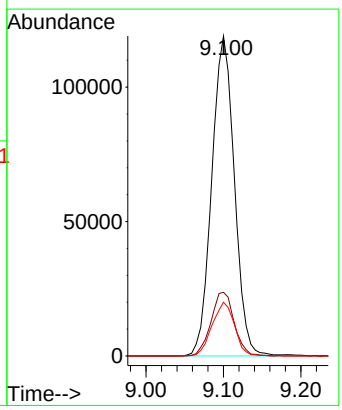


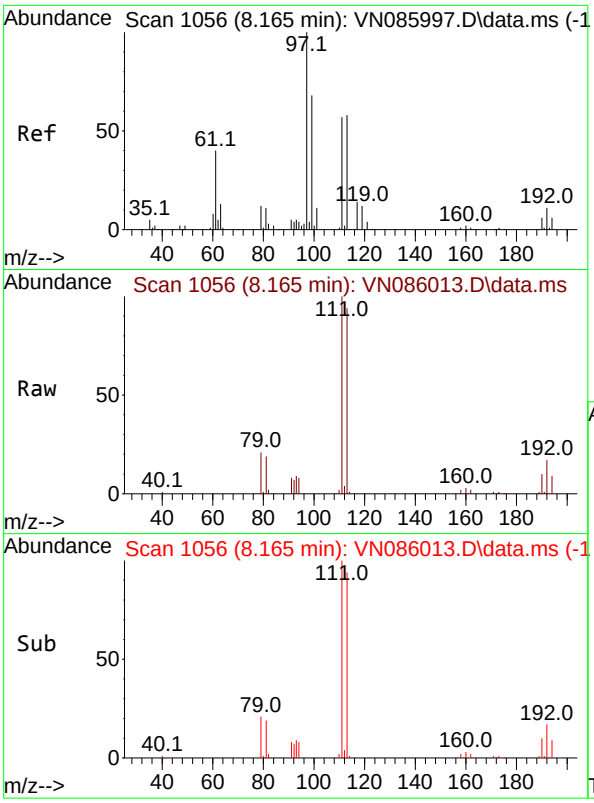


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Tgt Ion:114 Resp: 241881

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	16.8	0.0	32.6



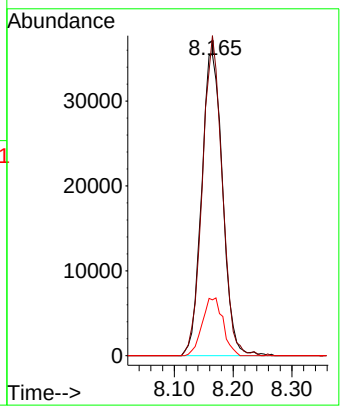


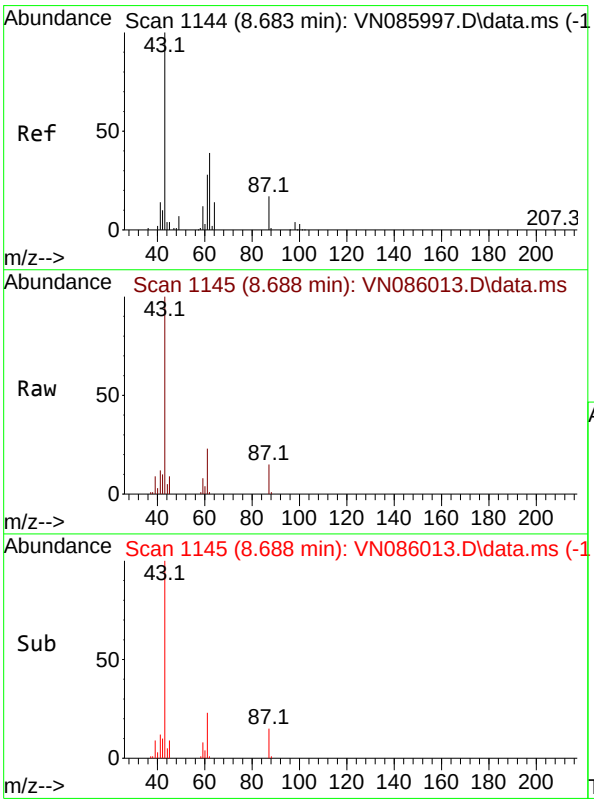
#35
Dibromofluoromethane
Concen: 52.537 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#03

Tgt Ion:113 Resp: 88699

Ion	Ratio	Lower	Upper
113	100		
111	99.5	81.8	122.8
192	18.8	15.9	23.9

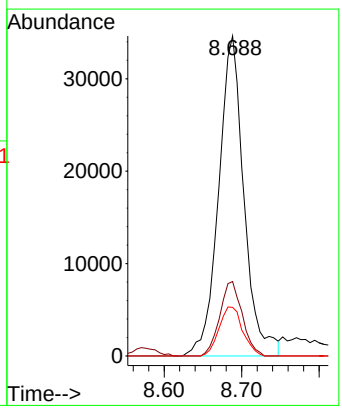


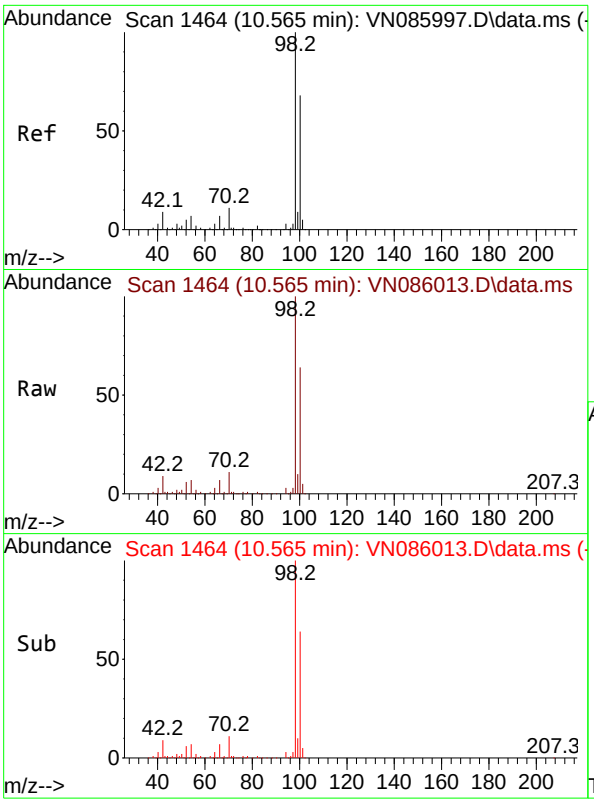


#43
Isopropyl Acetate
Concen: 19.394 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Tgt Ion: 43 Resp: 78820

Ion	Ratio	Lower	Upper
43	100		
61	20.6	25.0	37.6#
87	14.2	13.0	19.4



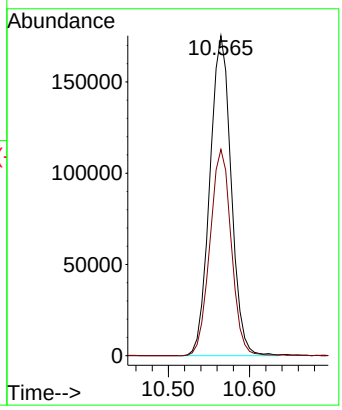


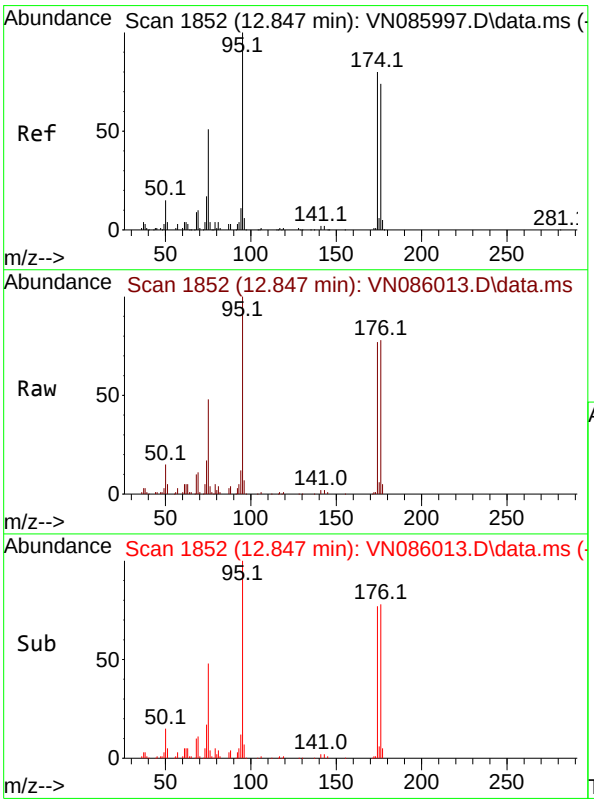
#50
Toluene-d8
Concen: 52.260 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#03

Tgt Ion: 98 Resp: 320214

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.1	79.7

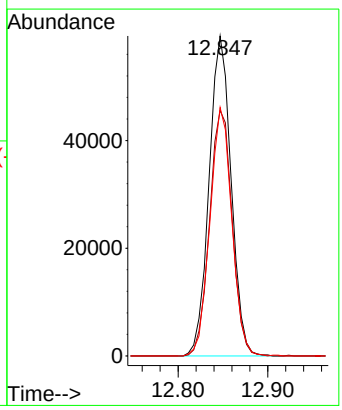


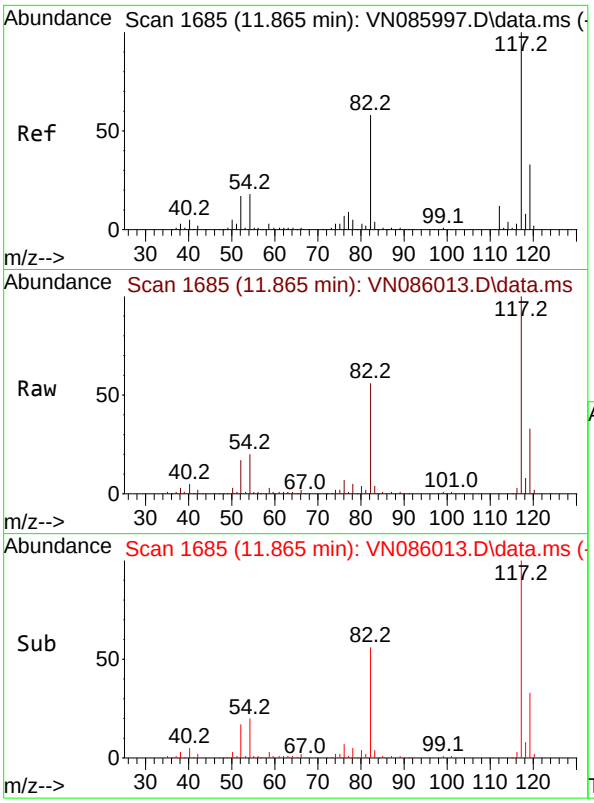


#62
4-Bromofluorobenzene
Concen: 46.337 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Tgt Ion: 95 Resp: 101256

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	156.8
176	77.1	0.0	152.2



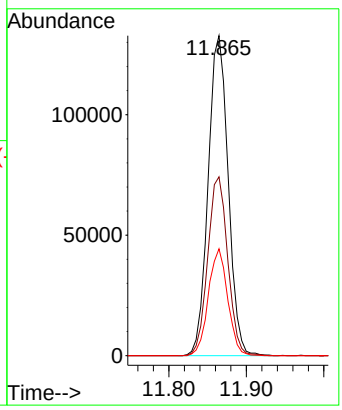


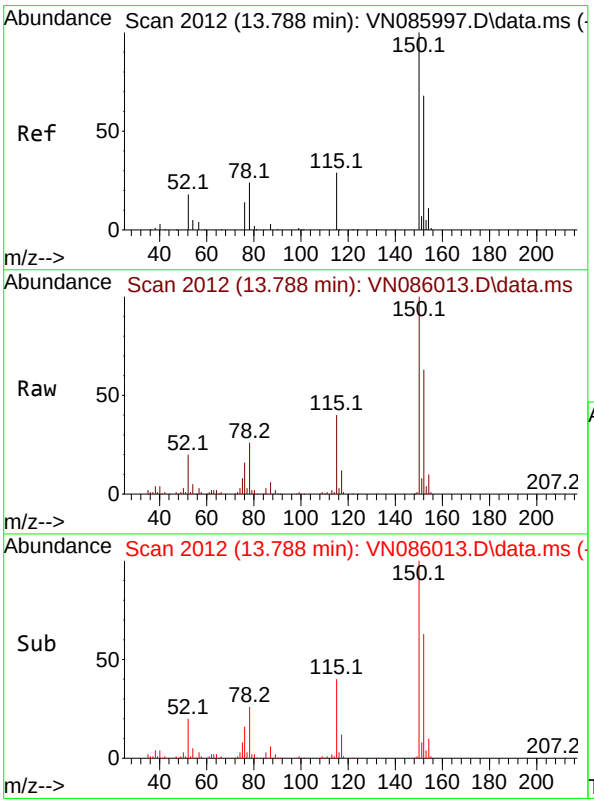
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086013.D
Acq: 19 Mar 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#03

Tgt Ion:117 Resp: 238409

Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.7	70.1
119	33.4	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: VN086013.D
Acq: 19 Mar 2025 16:50

Tgt Ion:152 Resp: 92993

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.1	93.2
150	157.8	0.0	359.6