Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
Data File : VN080213.D
Acq On : 20 Nov 2023 17:23
Operator : JC\MD
Sample : PB157250ZHE#07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#07

Quant Time: Nov 21 01:08:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	141655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	267005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	291735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132662	56.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.440%			
35) Dibromofluoromethane	8.165	113	101568	51.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	10.571	98	365255	51.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.860%			
62) 4-Bromofluorobenzene	12.847	95	143597	53.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.060%			
Target Compounds						Qvalue
16) Acetone	4.430	43	14888	18.951	ug/l	92
18) Methyl Acetate	5.053	43	2766	1.096	ug/l #	59
20) Methylene Chloride	5.283	84	31824	19.344	ug/l #	89
43) Isopropyl Acetate	8.688	43	106986	27.787	ug/l #	82

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

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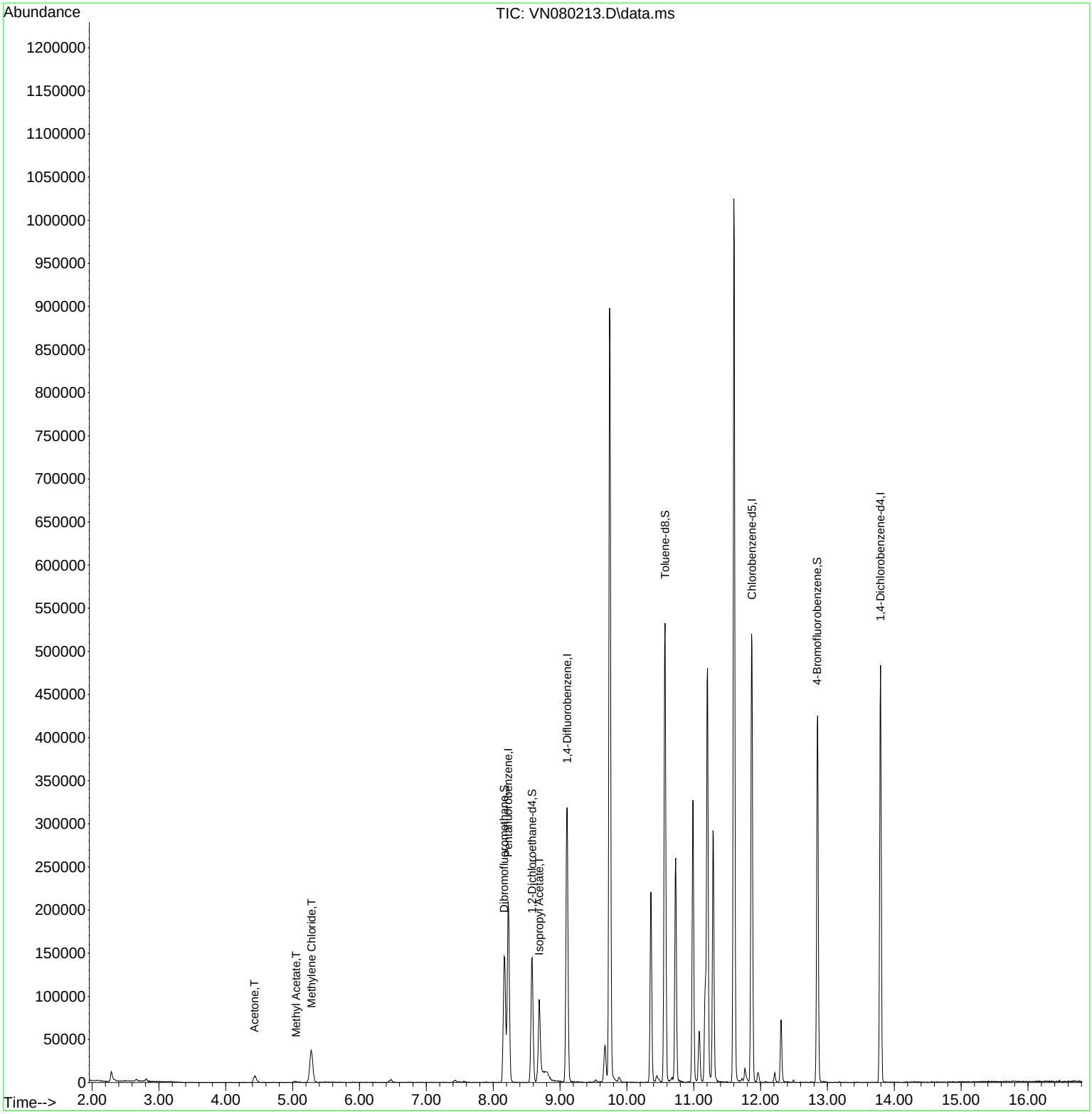
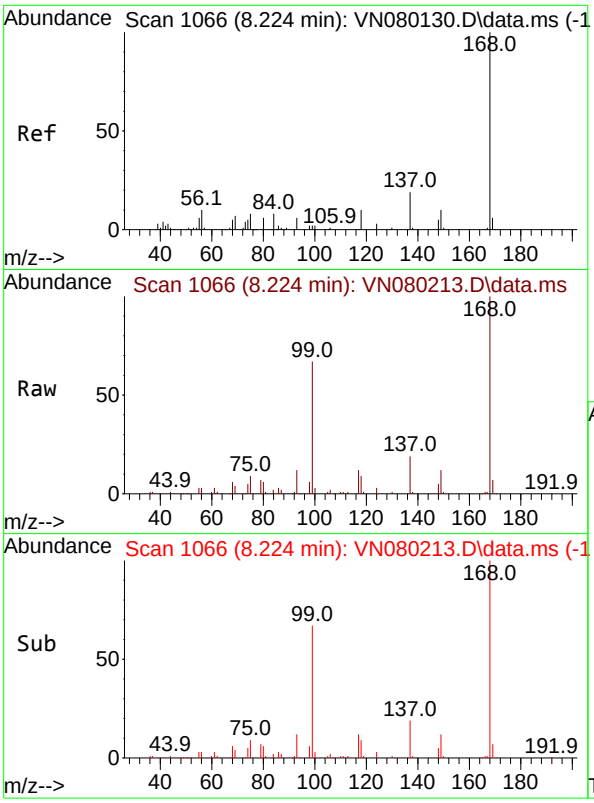


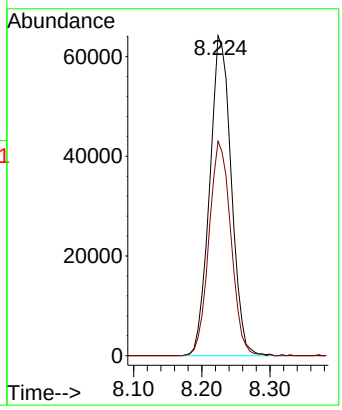


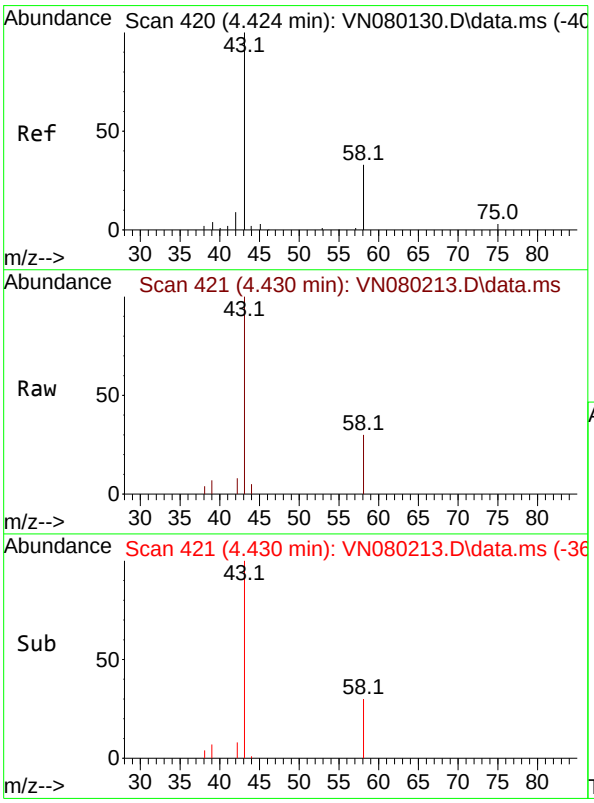
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#07

Tgt Ion:168 Resp: 141655

Ion	Ratio	Lower	Upper
168	100		
99	67.0	53.0	79.6

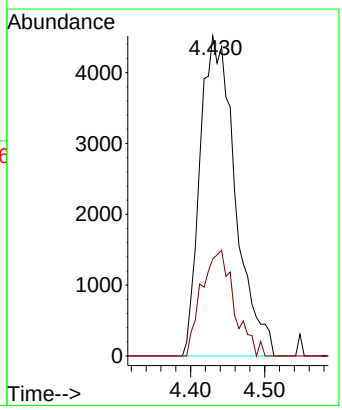


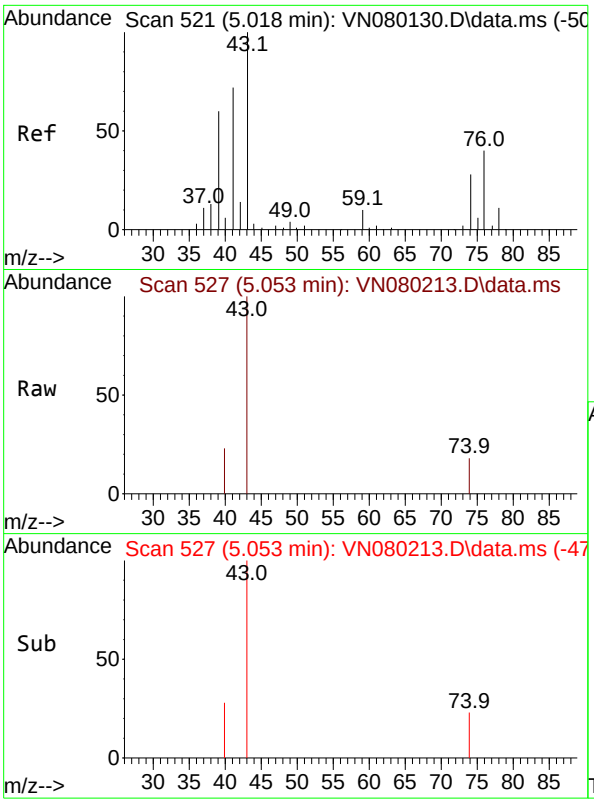


#16
Acetone
Concen: 18.951 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Tgt Ion: 43 Resp: 14888

Ion	Ratio	Lower	Upper
43	100		
58	30.4	28.0	42.0



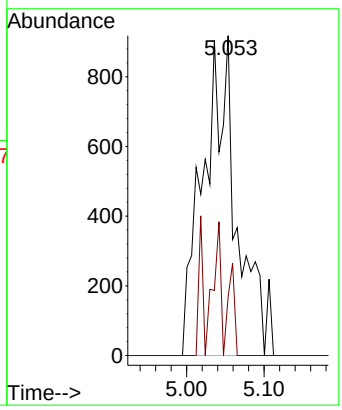


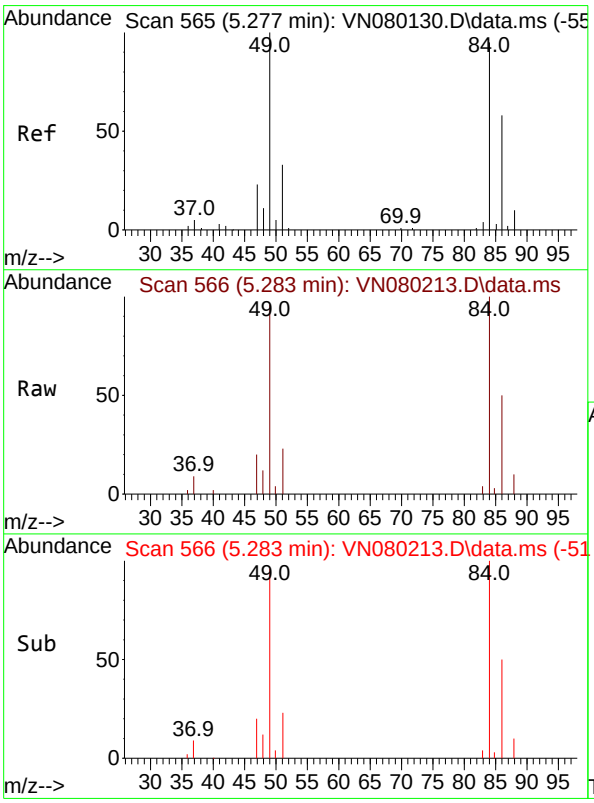
#18
Methyl Acetate
Concen: 1.096 ug/l
RT: 5.053 min Scan# 5
Delta R.T. 0.035 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#07

Tgt Ion: 43 Resp: 2766

Ion	Ratio	Lower	Upper
43	100		
74	9.7	26.2	39.4#

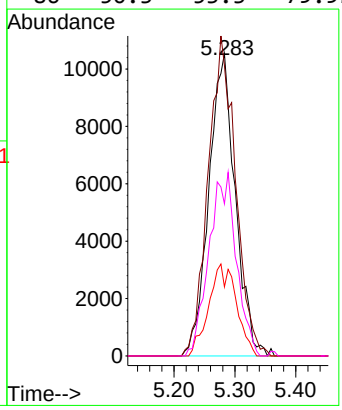


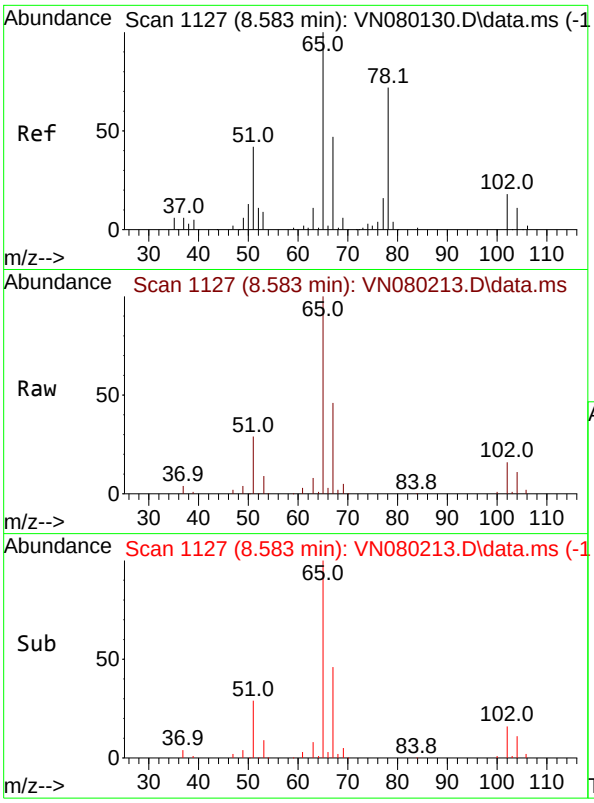


#20
Methylene Chloride
Concen: 19.344 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Tgt Ion: 84 Resp: 31824

Ion	Ratio	Lower	Upper
84	100		
49	96.0	79.7	119.5
51	22.9	25.2	37.8#
86	50.3	53.3	79.9#



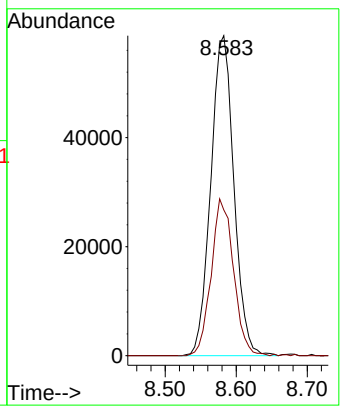


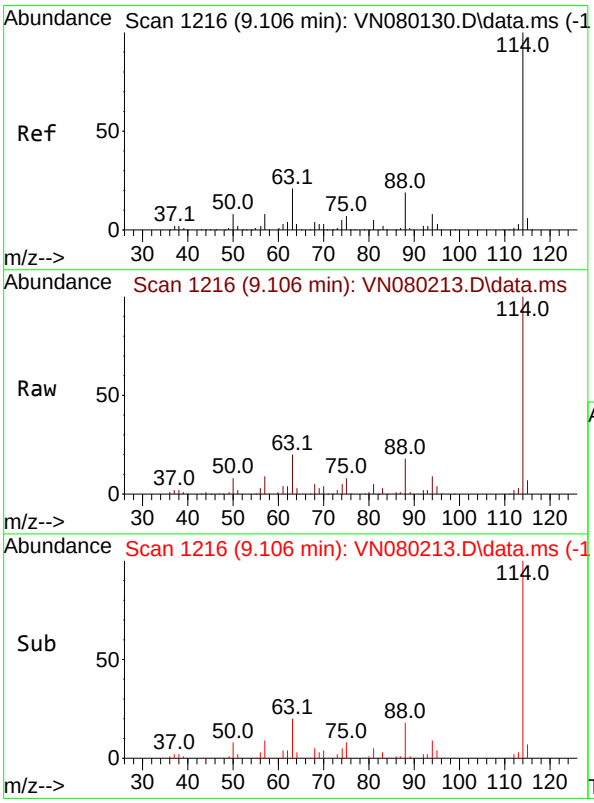
#33
1,2-Dichloroethane-d4
Concen: 56.719 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#07

Tgt Ion: 65 Resp: 132662

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	106.6

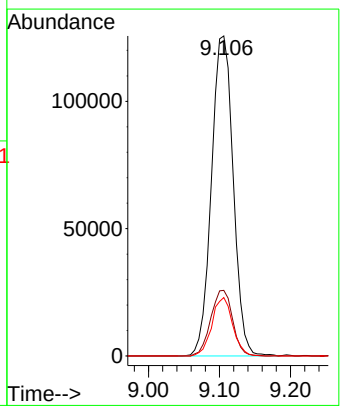


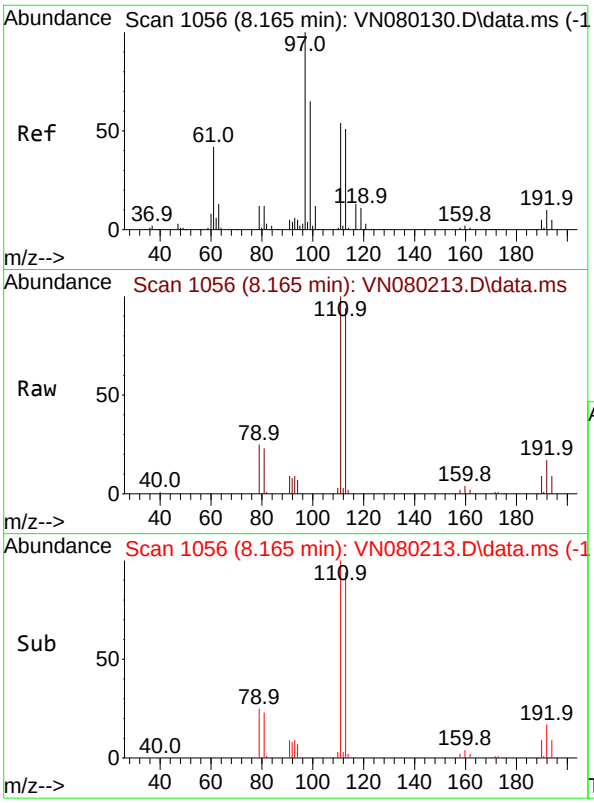


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Tgt Ion:114 Resp: 267005

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	36.4
88	18.3	0.0	30.6



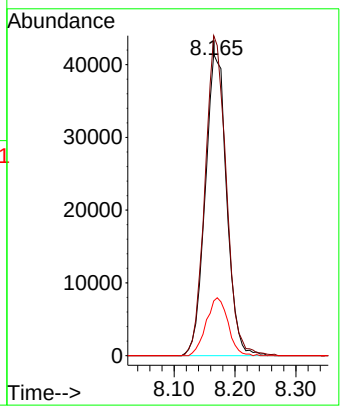


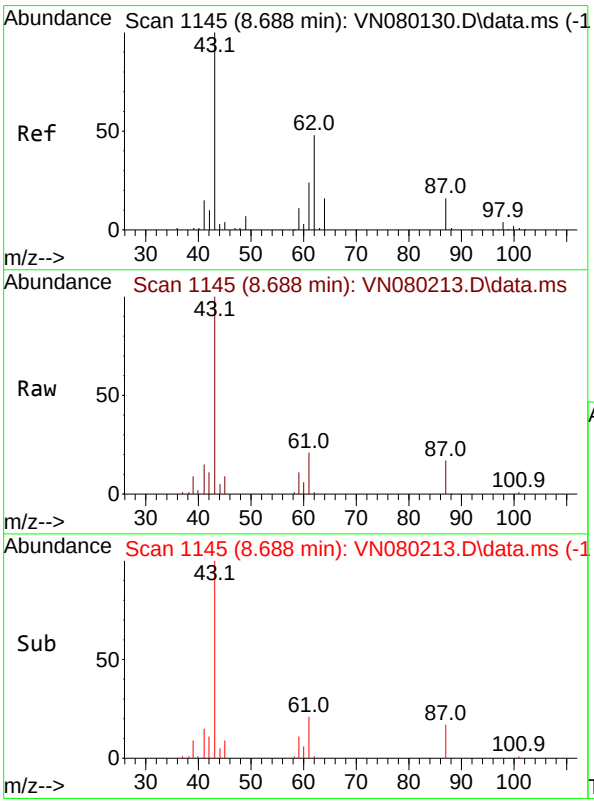
#35
Dibromofluoromethane
Concen: 51.554 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#07

Tgt Ion:113 Resp: 101568

Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	123.8
192	19.5	12.7	19.1#

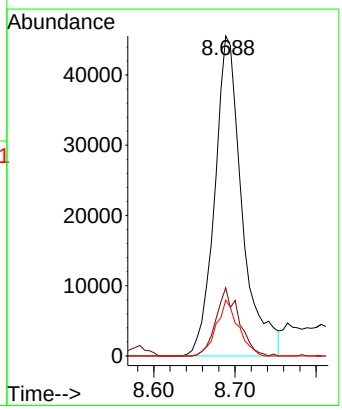


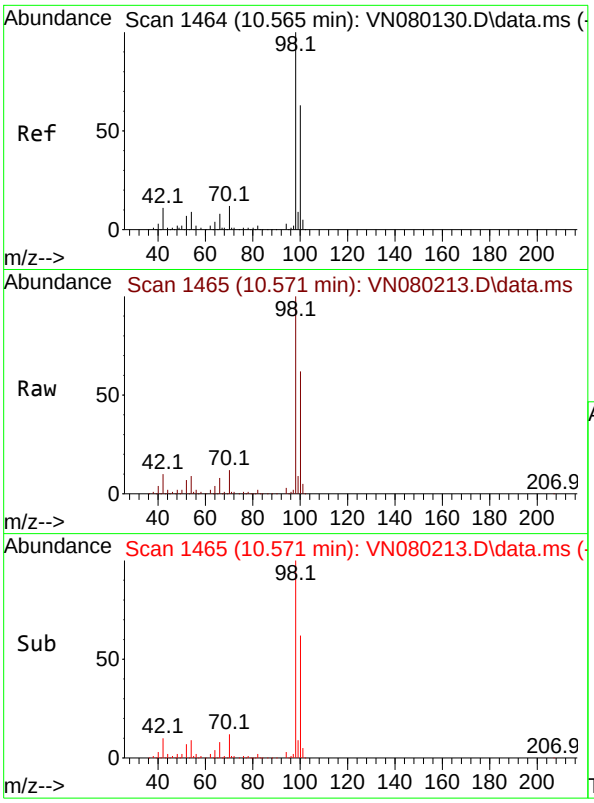


#43
Isopropyl Acetate
Concen: 27.787 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Tgt Ion: 43 Resp: 106986

Ion	Ratio	Lower	Upper
43	100		
61	17.9	24.7	37.1#
87	14.1	14.6	21.8#



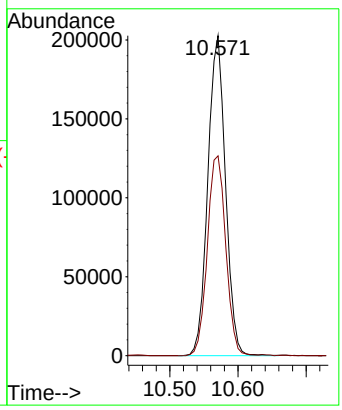


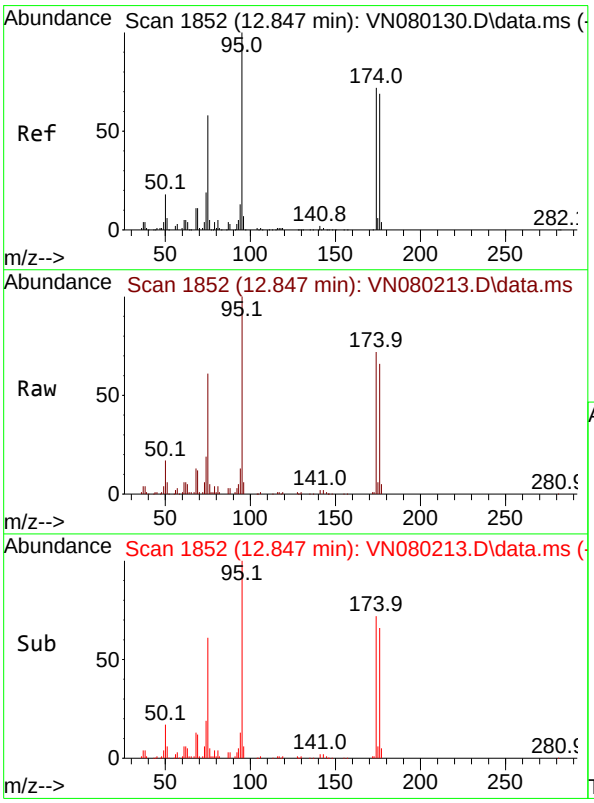
#50
Toluene-d8
Concen: 51.430 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#07

Tgt Ion: 98 Resp: 365255

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0

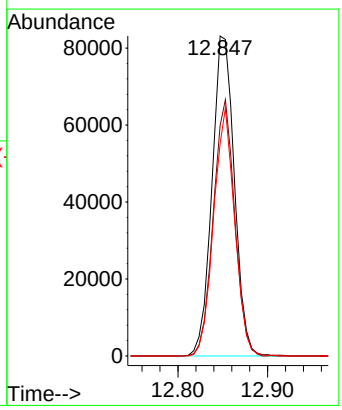


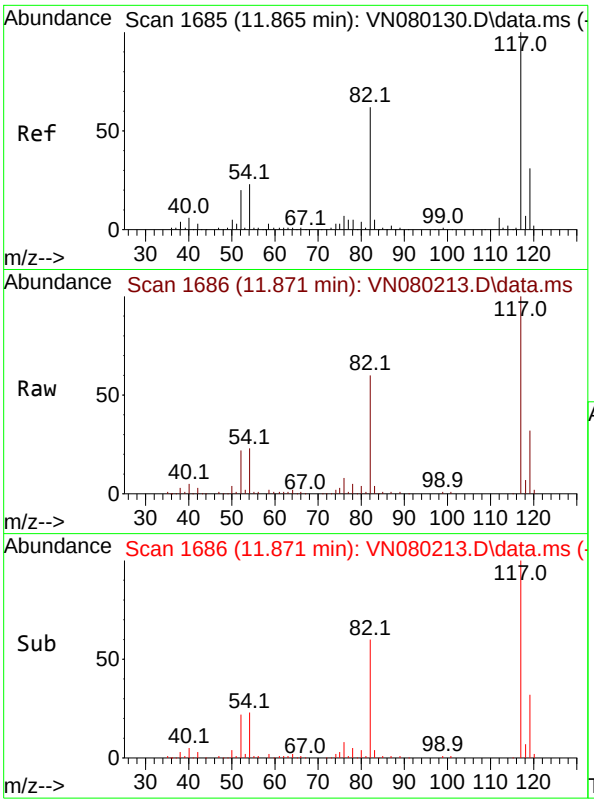


#62
4-Bromofluorobenzene
Concen: 53.530 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Tgt Ion: 95 Resp: 143597

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	143.8
176	72.9	0.0	135.8



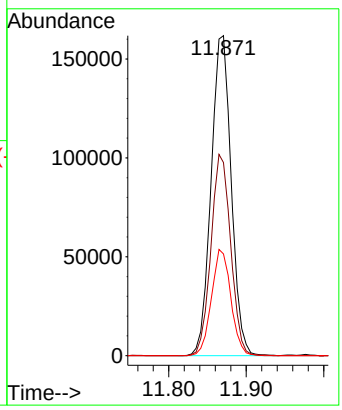


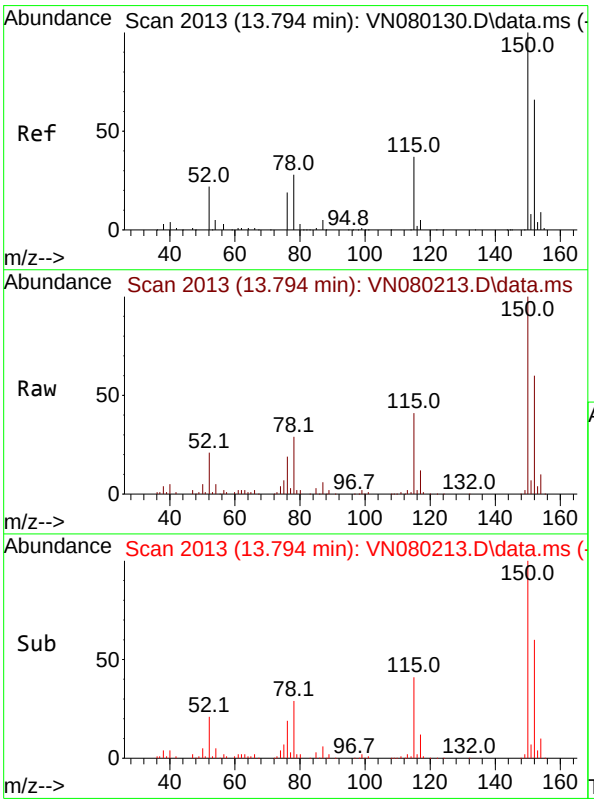
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :
PB157250ZHE#07

Tgt Ion:117 Resp: 291735

Ion	Ratio	Lower	Upper
117	100		
82	60.3	44.0	66.0
119	31.8	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080213.D
Acq: 20 Nov 2023 17:23

Tgt Ion:152 Resp: 124777

Ion	Ratio	Lower	Upper
152	100		
115	66.4	32.3	96.8
150	160.3	0.0	355.8