Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
Data File : VN079103.D
Acq On : 29 Aug 2023 18:56
Operator : JC\MD
Sample : PB155153ZHE#12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#12

Quant Time: Aug 29 23:32:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	137585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	82668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118022	55.126	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.260%			
35) Dibromofluoromethane	8.177	113	94694	51.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.120%			
50) Toluene-d8	10.571	98	365214	53.035	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.853	95	103805	46.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.240%			
Target Compounds						Qvalue
16) Acetone	4.447	43	25194	28.520	ug/l	89
20) Methylene Chloride	5.283	84	16060	8.531	ug/l #	87
25) 2-Butanone	7.500	43	7460	5.267	ug/l #	61
43) Isopropyl Acetate	8.694	43	210218	38.103	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	27763	8.485	ug/l #	71

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

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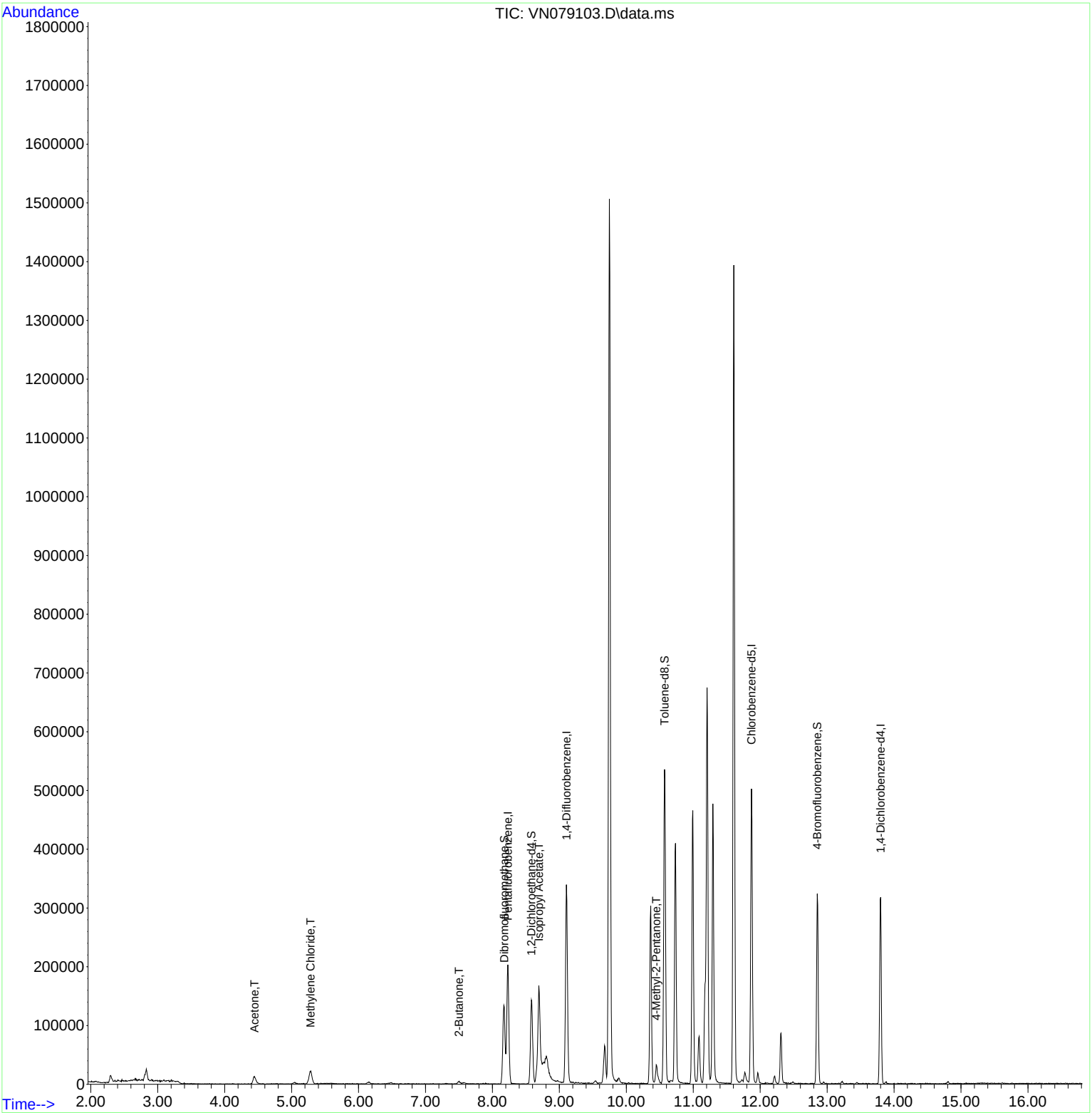
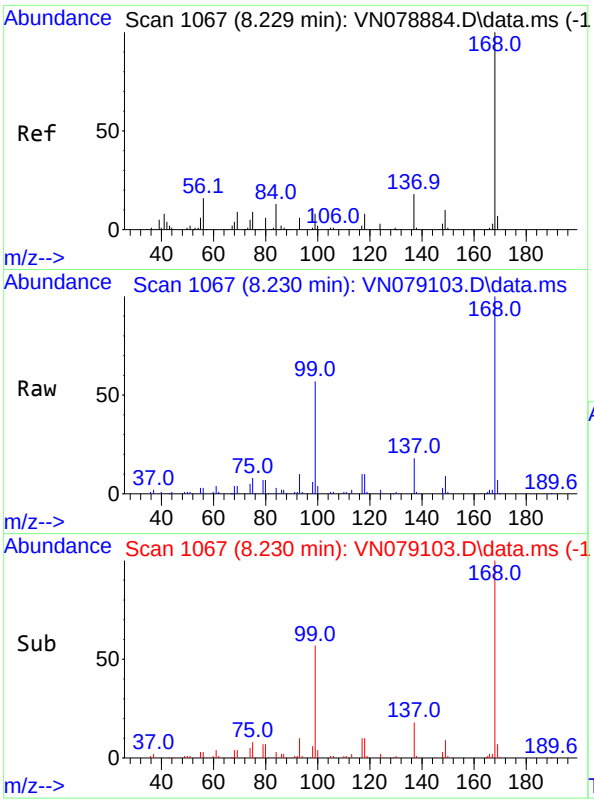


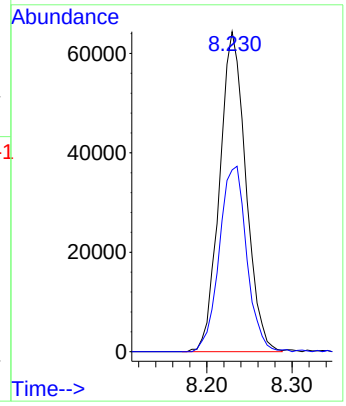


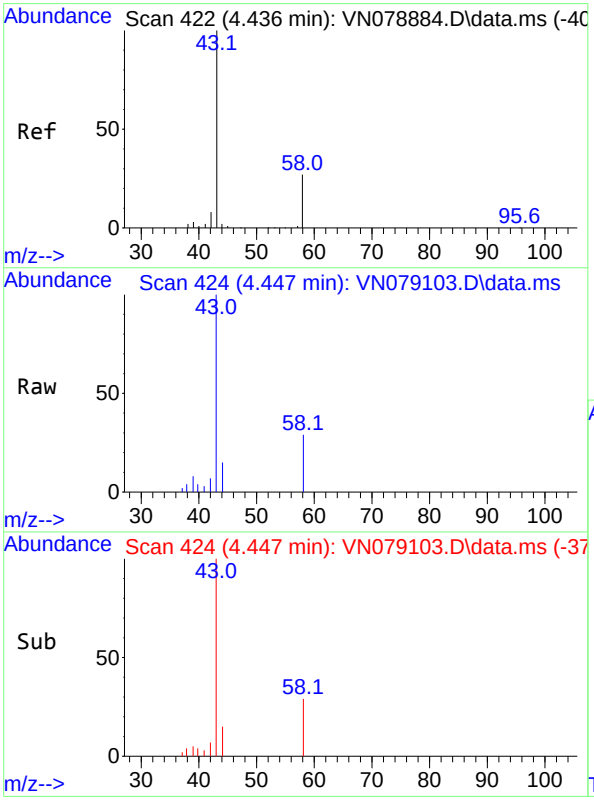
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#12

Tgt Ion:168 Resp: 137585

Ion	Ratio	Lower	Upper
168	100		
99	56.8	53.0	79.6

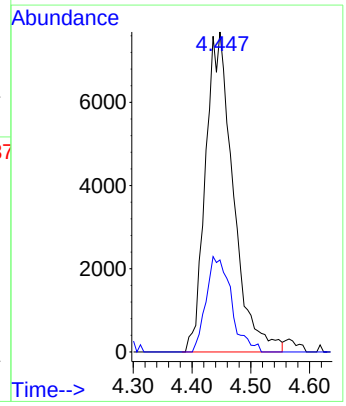


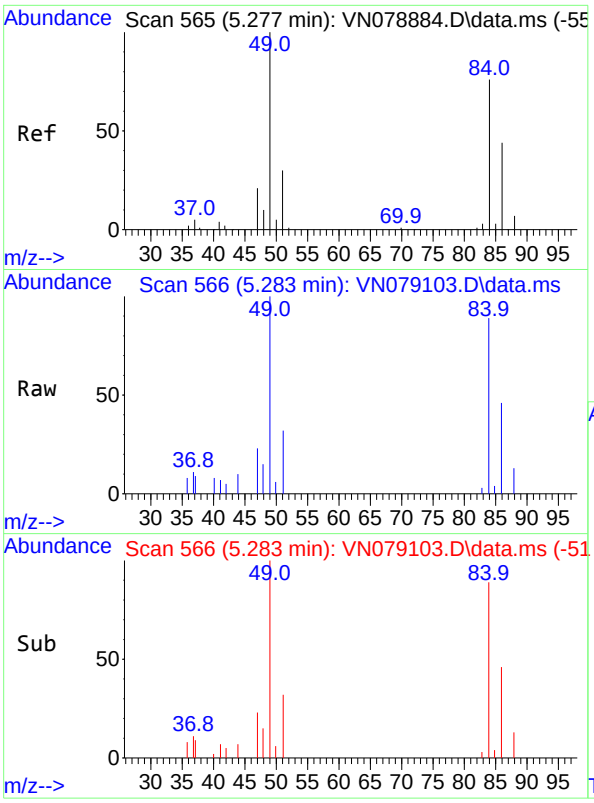


#16
Acetone
Concen: 28.520 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 43 Resp: 25194

Ion	Ratio	Lower	Upper
43	100		
58	28.8	28.0	42.0



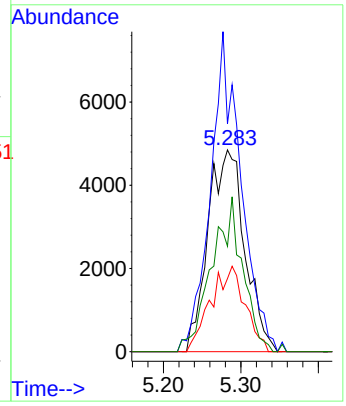


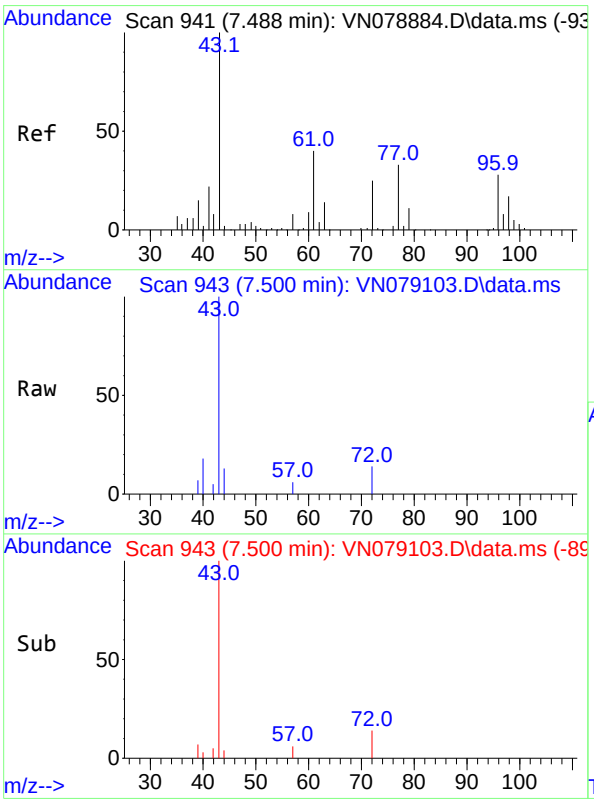
#20
Methylene Chloride
Concen: 8.531 ug/l
RT: 5.283 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#12

Tgt Ion: 84 Resp: 16060

Ion	Ratio	Lower	Upper
84	100		
49	108.1	79.7	119.5
51	36.2	25.2	37.8
86	48.7	53.3	79.9#

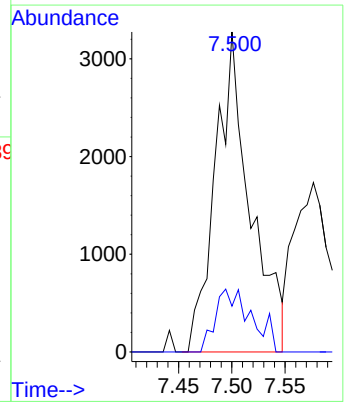


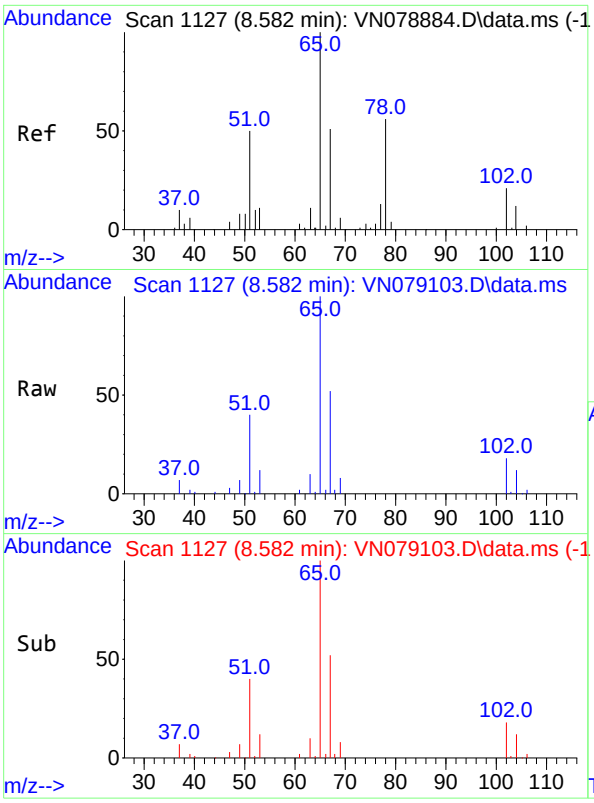


#25
2-Butanone
Concen: 5.267 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 43 Resp: 7460

Ion	Ratio	Lower	Upper
43	100		
72	14.3	30.2	45.2#



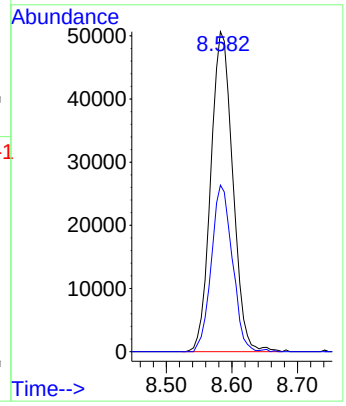


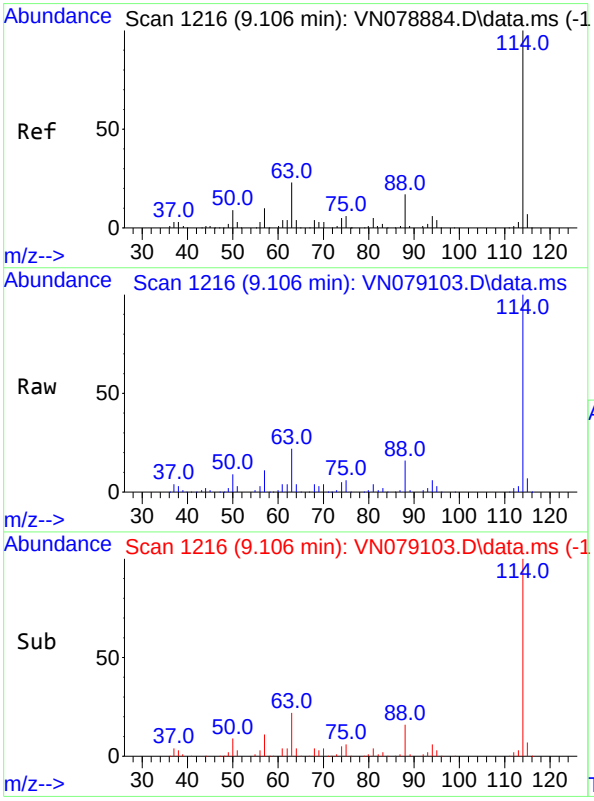
#33
1,2-Dichloroethane-d4
Concen: 55.126 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#12

Tgt Ion: 65 Resp: 118022

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	106.6

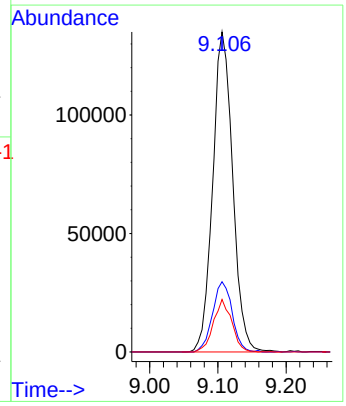


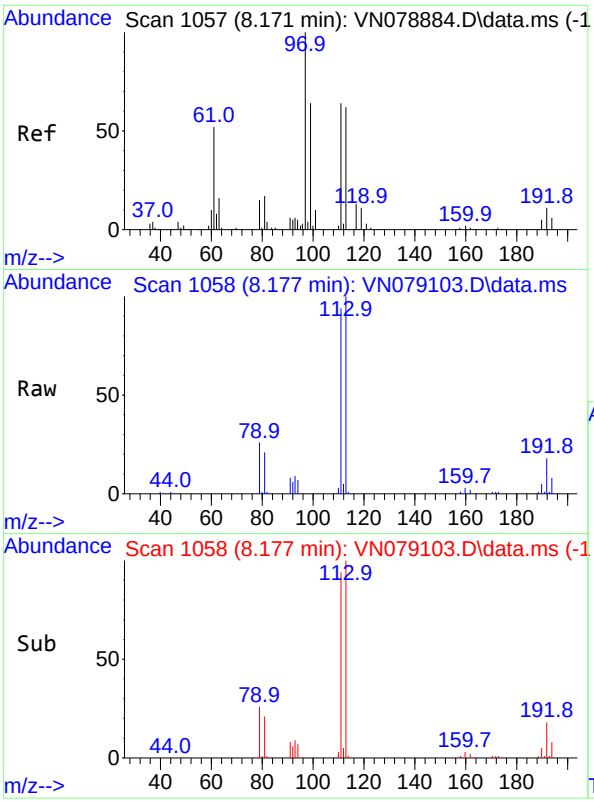


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion:114 Resp: 275513

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	36.4
88	16.4	0.0	30.6



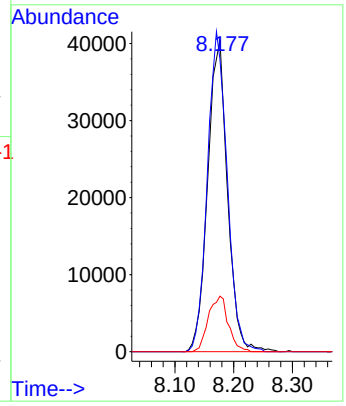


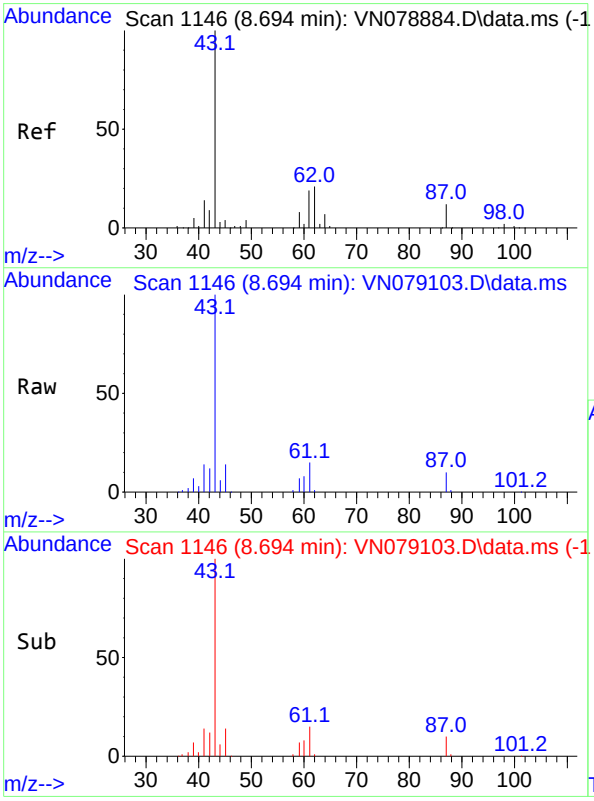
#35
Dibromofluoromethane
Concen: 51.059 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#12

Tgt Ion:113 Resp: 94694

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	17.9	12.7	19.1

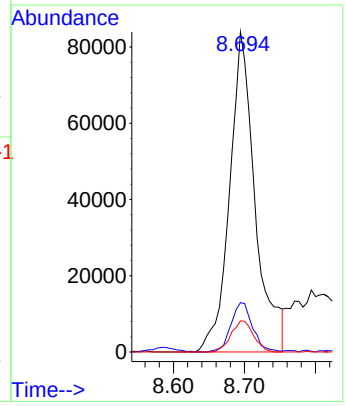


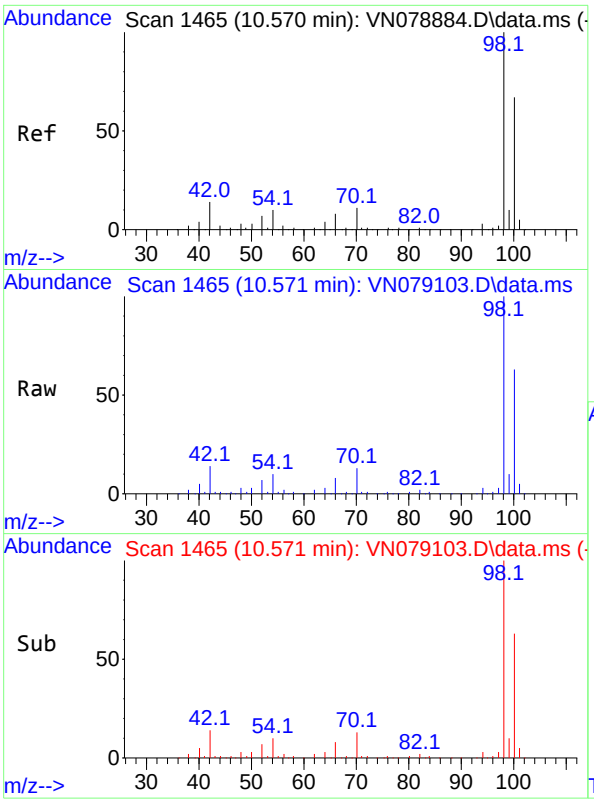


#43
Isopropyl Acetate
Concen: 38.103 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 43 Resp: 210218

Ion	Ratio	Lower	Upper
43	100		
61	13.1	24.7	37.1#
87	8.5	14.6	21.8#



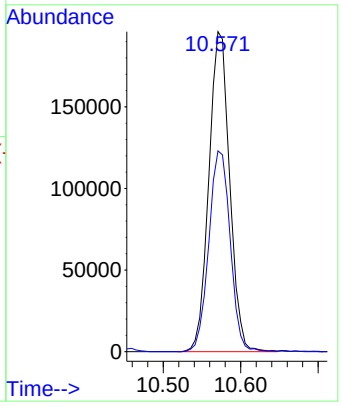


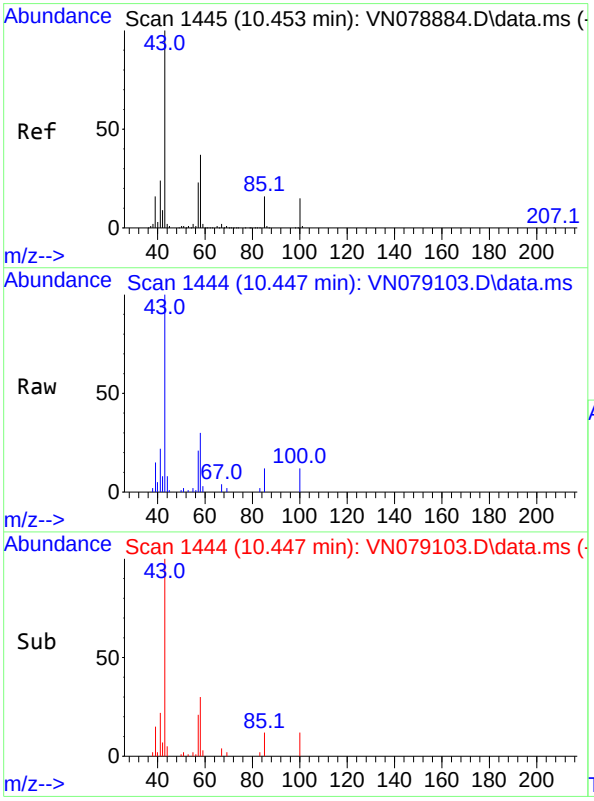
#50
Toluene-d8
Concen: 53.035 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#12

Tgt Ion: 98 Resp: 365214

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0

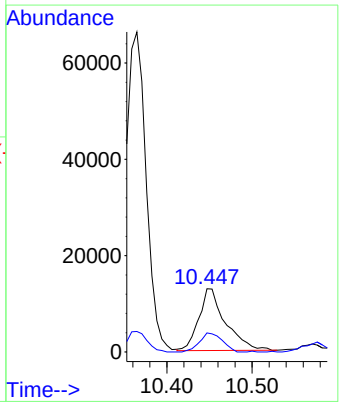


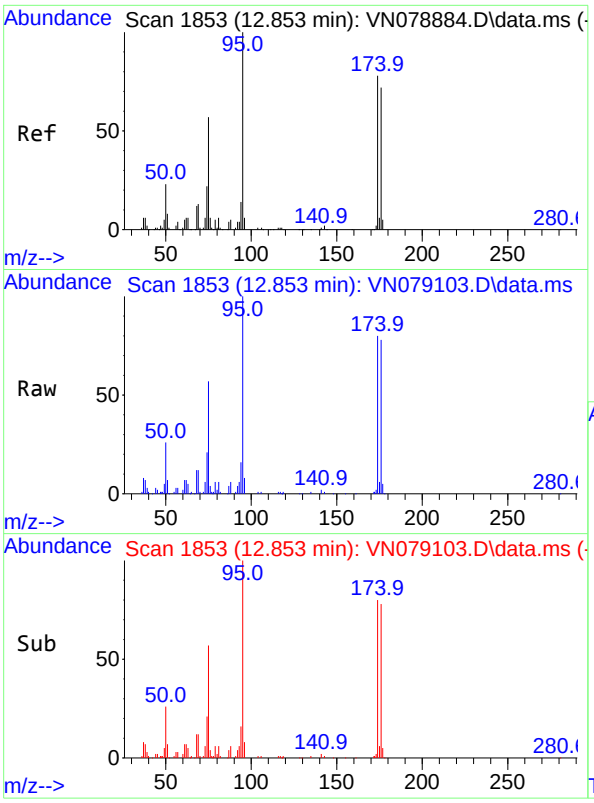


#51
4-Methyl-2-Pentanone
Concen: 8.485 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 43 Resp: 27763

Ion	Ratio	Lower	Upper
43	100		
58	26.3	36.6	54.8#



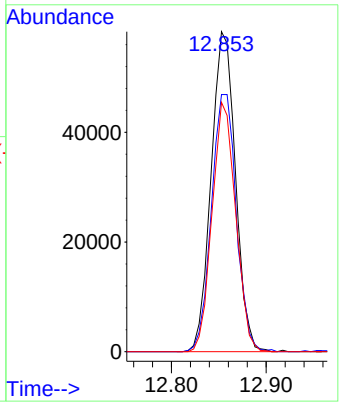


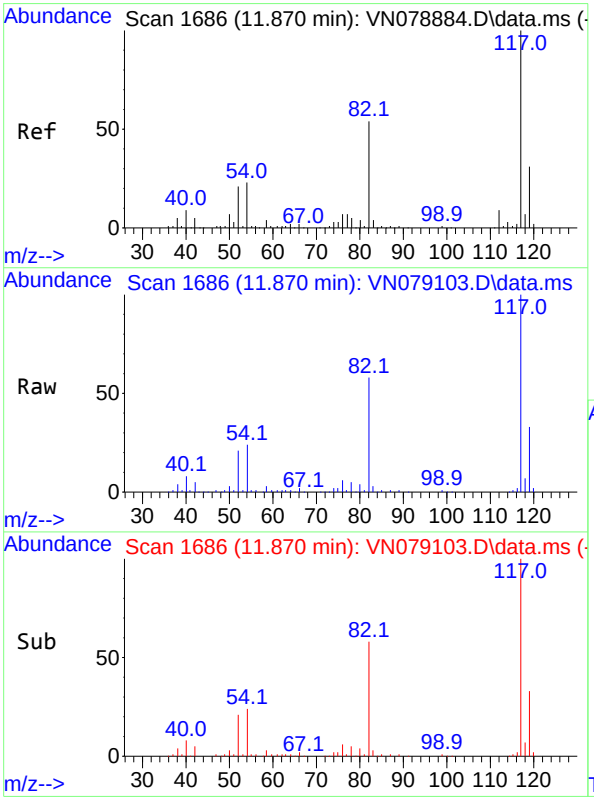
#62
4-Bromofluorobenzene
Concen: 46.118 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#12

Tgt Ion: 95 Resp: 103805

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	143.8
176	75.9	0.0	135.8

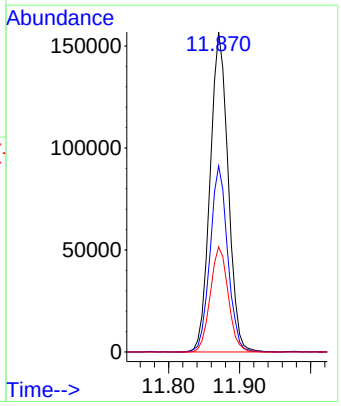


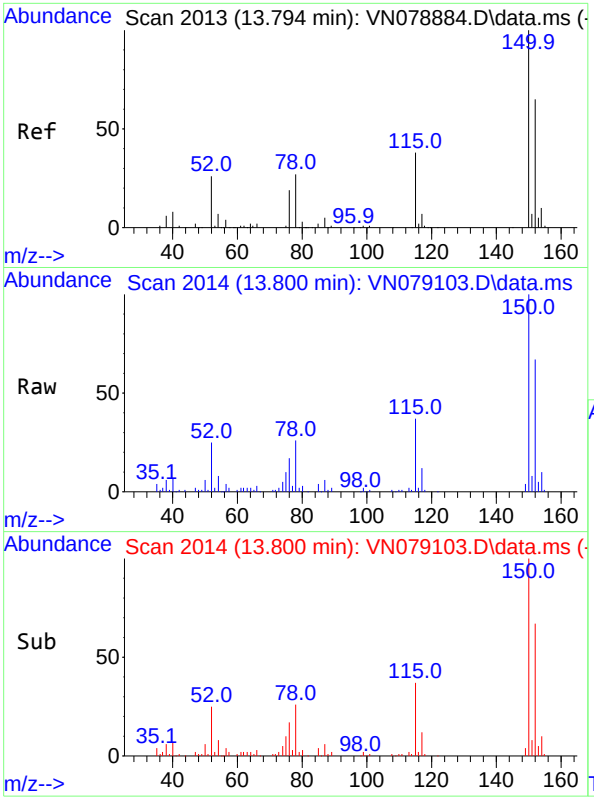


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion:117 Resp: 275989

Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.0	66.0
119	32.8	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#12

Tgt Ion:152 Resp: 82668

Ion	Ratio	Lower	Upper
152	100		
115	60.3	32.3	96.8
150	156.5	0.0	355.8