Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
Data File : VN079321.D
Acq On : 21 Sep 2023 13:23
Operator : JC\MD
Sample : 04501-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Quant Time: Sep 22 02:30:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	162546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	284859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	77603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130323	59.394	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.780%			
35) Dibromofluoromethane	8.177	113	101361	48.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.540%			
50) Toluene-d8	10.571	98	367536	48.158	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.320%			
62) 4-Bromofluorobenzene	12.853	95	113433	46.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.200%			
Target Compounds						Qvalue
16) Acetone	4.442	43	30816	33.068	ug/l	93
20) Methylene Chloride	5.277	84	15515	6.841	ug/l #	81
25) 2-Butanone	7.494	43	15668	11.588	ug/l	88
43) Isopropyl Acetate	8.694	43	132551	25.422	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	29680	9.806	ug/l #	79

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

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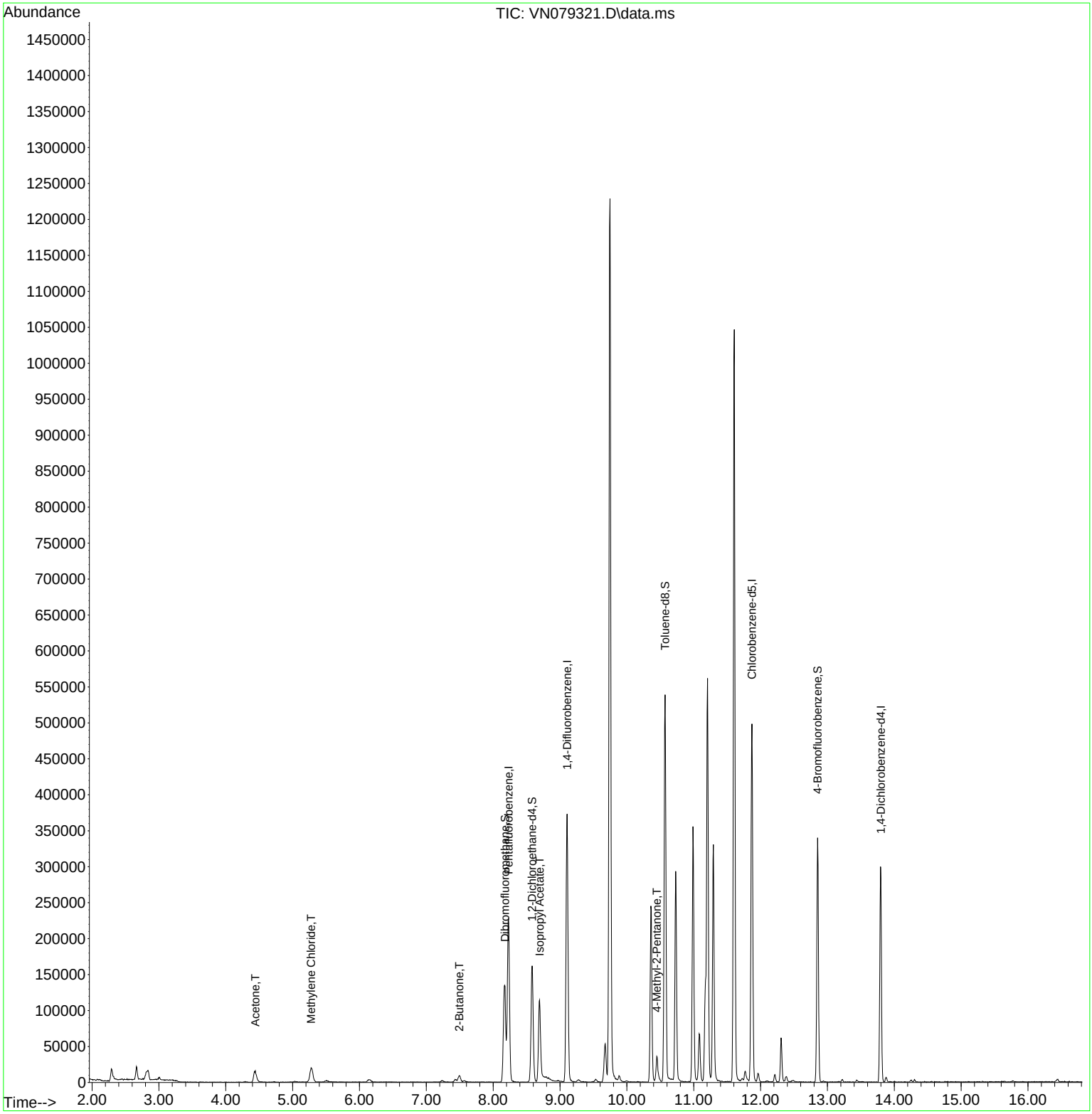
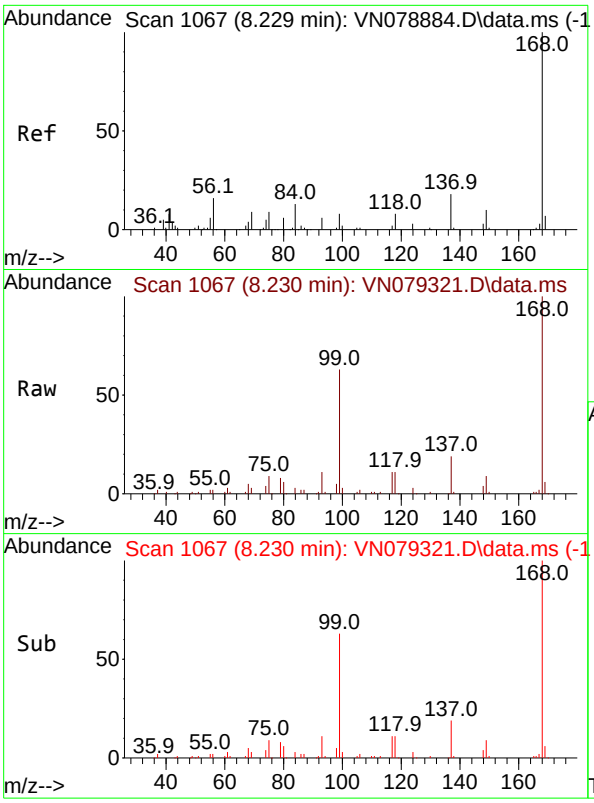


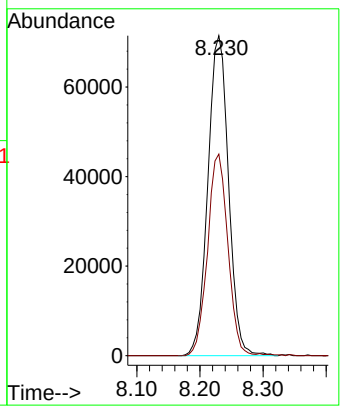


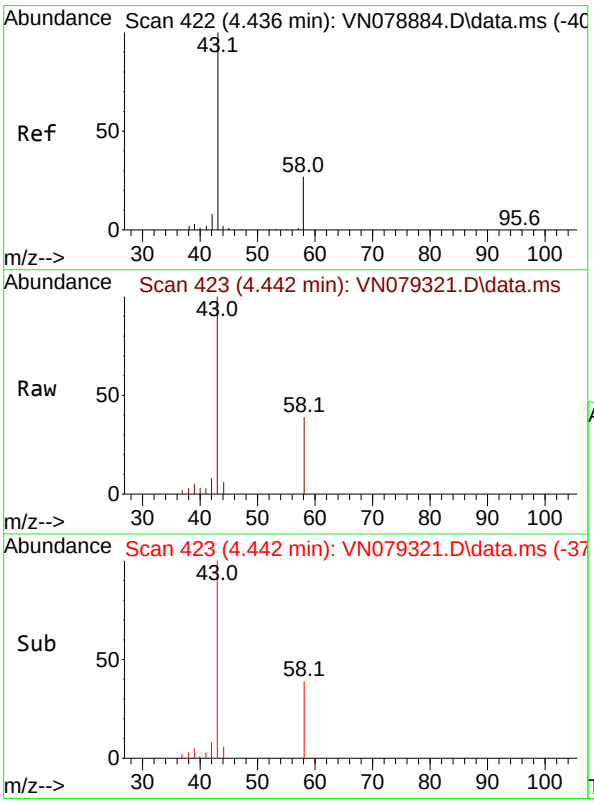
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 162546

Ion	Ratio	Lower	Upper
168	100		
99	63.0	53.0	79.6

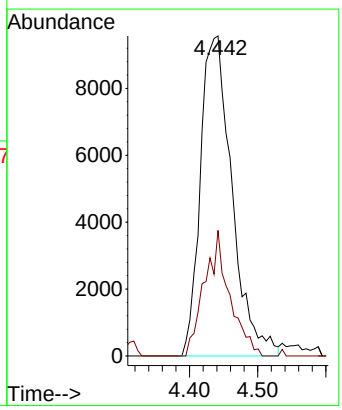


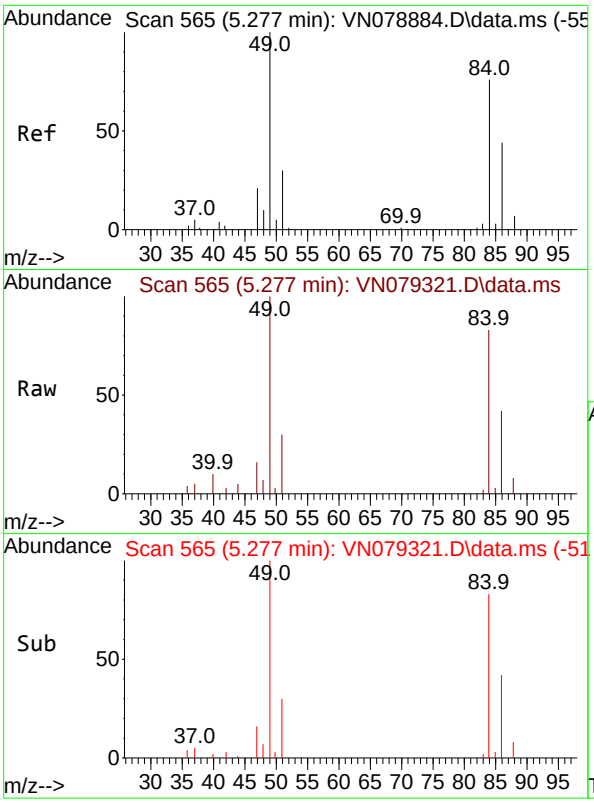


#16
Acetone
Concen: 33.068 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Tgt Ion: 43 Resp: 30816

Ion	Ratio	Lower	Upper
43	100		
58	39.3	28.0	42.0



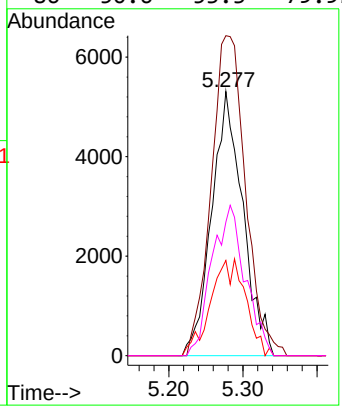


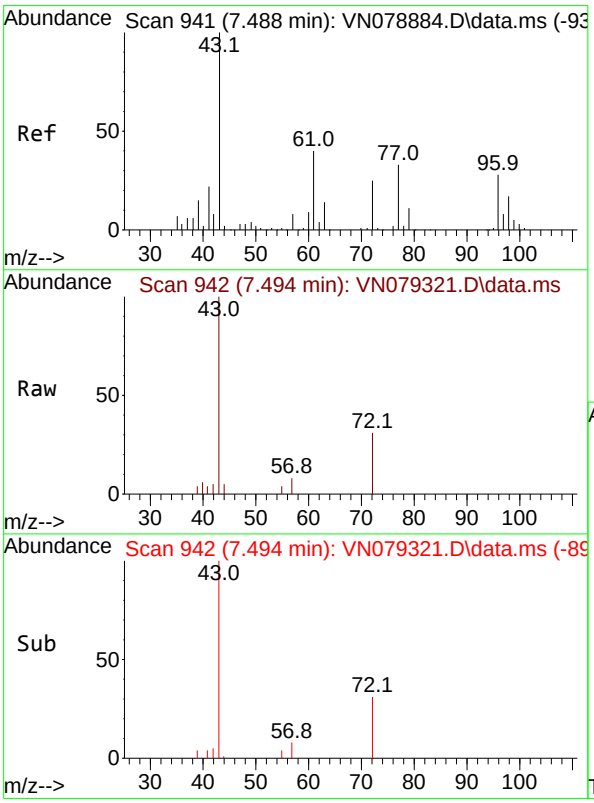
#20
Methylene Chloride
Concen: 6.841 ug/l
RT: 5.277 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 84 Resp: 15515

Ion	Ratio	Lower	Upper
84	100		
49	121.2	79.7	119.5#
51	36.0	25.2	37.8
86	50.6	53.3	79.9#

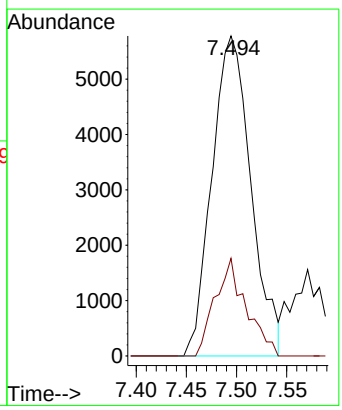


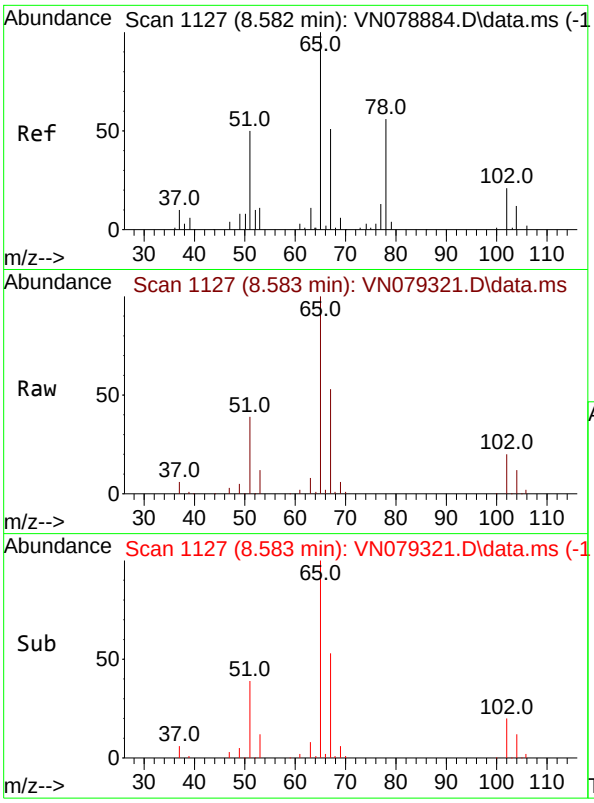


#25
2-Butanone
Concen: 11.588 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Tgt Ion: 43 Resp: 15668

Ion	Ratio	Lower	Upper
43	100		
72	30.5	30.2	45.2



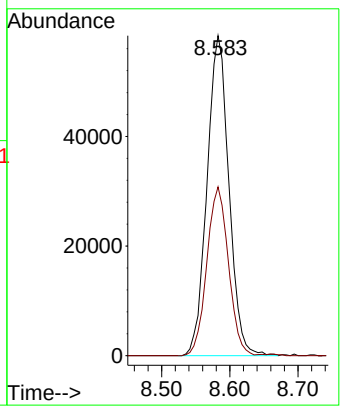


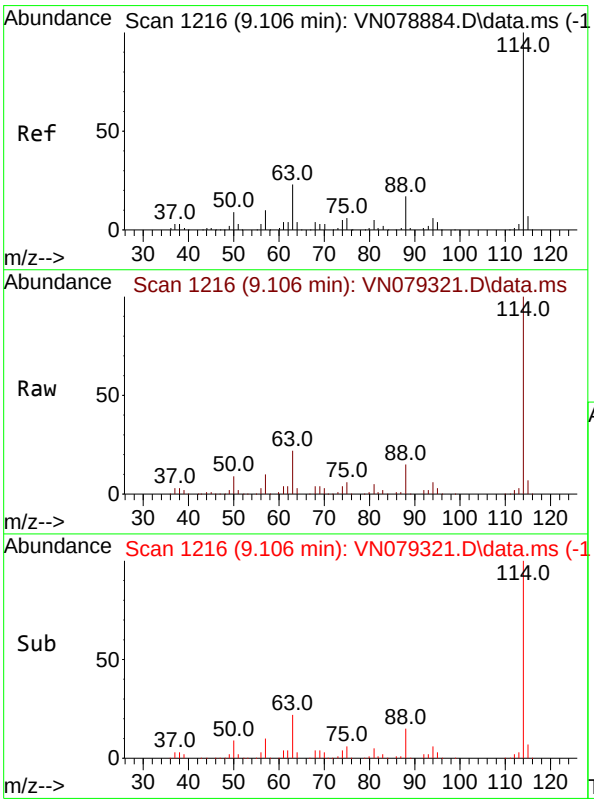
#33
1,2-Dichloroethane-d4
Concen: 59.394 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 65 Resp: 130323

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.6

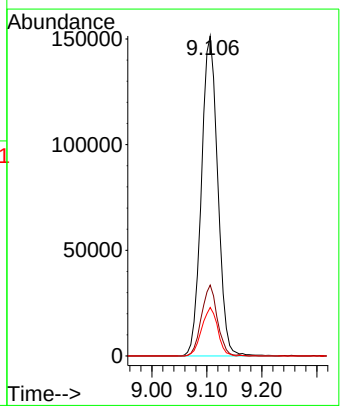


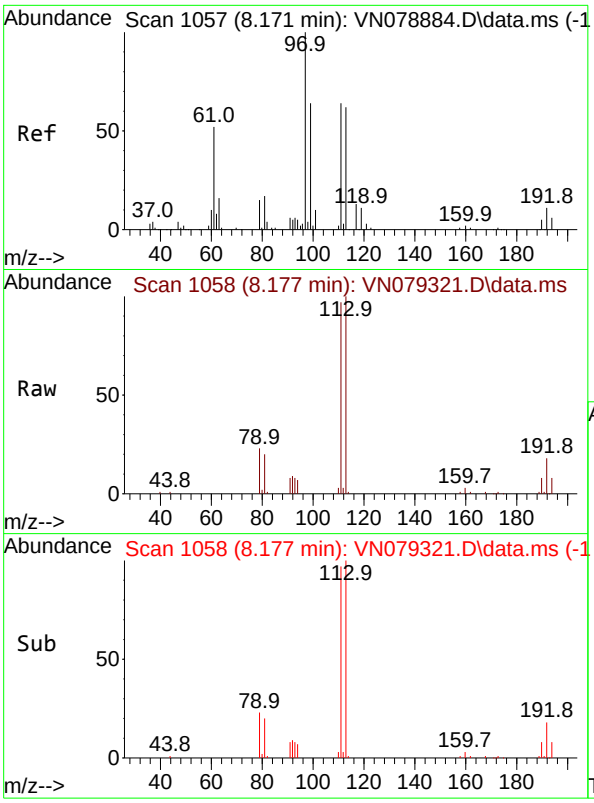


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Tgt Ion:114 Resp: 312469

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	36.4
88	15.1	0.0	30.6



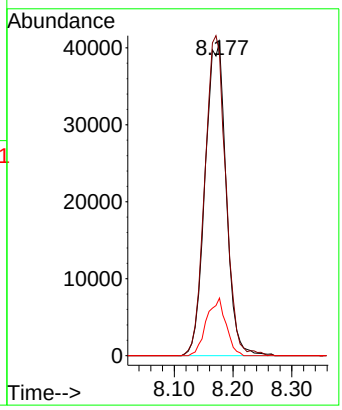


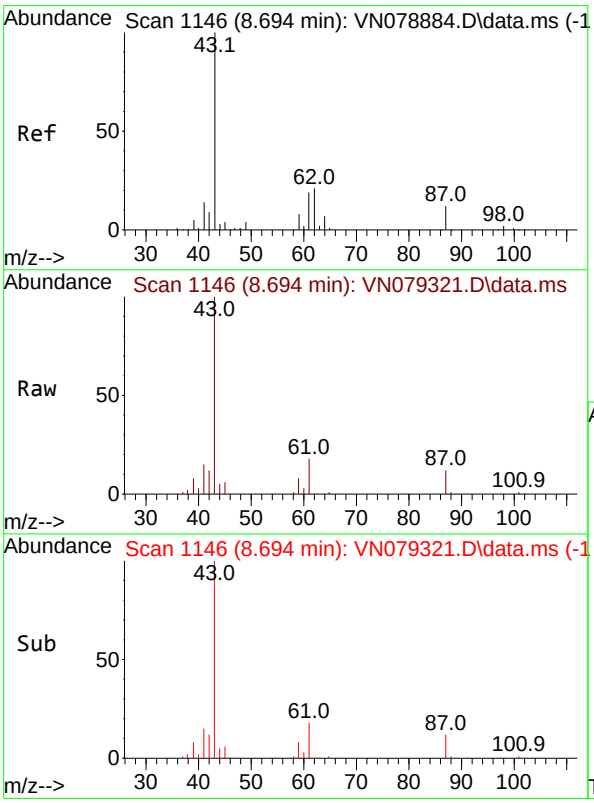
#35
Dibromofluoromethane
Concen: 48.767 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:113 Resp: 101361

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	17.0	12.7	19.1

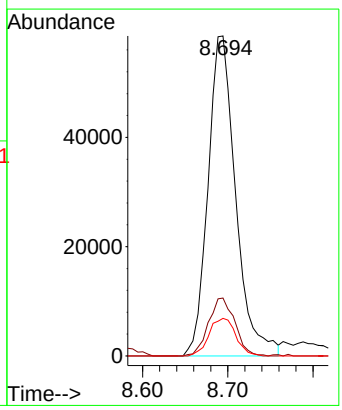


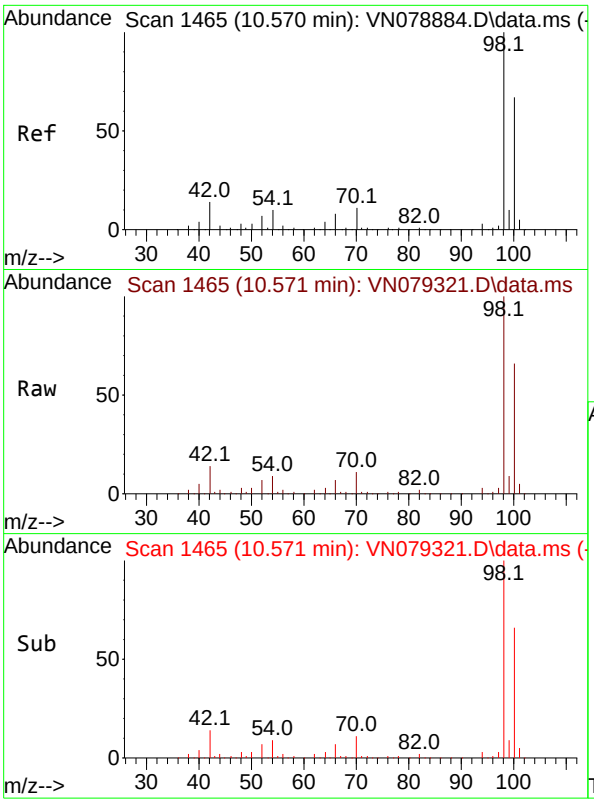


#43
Isopropyl Acetate
Concen: 25.422 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Tgt Ion: 43 Resp: 132551

Ion	Ratio	Lower	Upper
43	100		
61	17.2	24.7	37.1#
87	11.3	14.6	21.8#



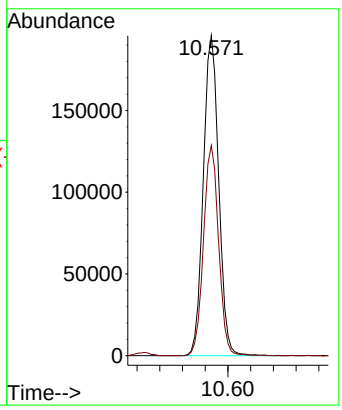


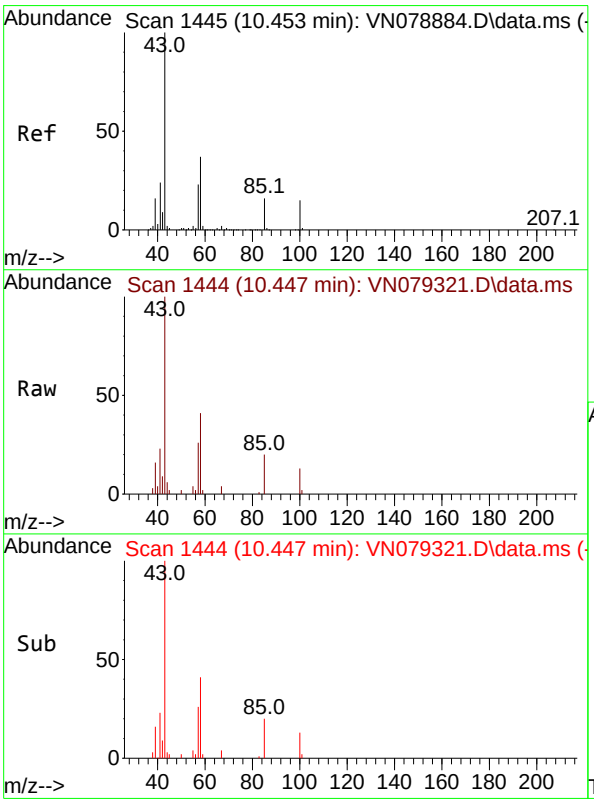
#50
Toluene-d8
Concen: 48.158 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 98 Resp: 367536

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0

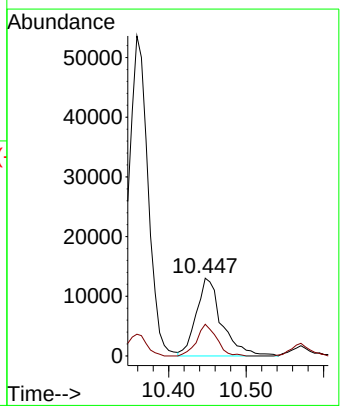


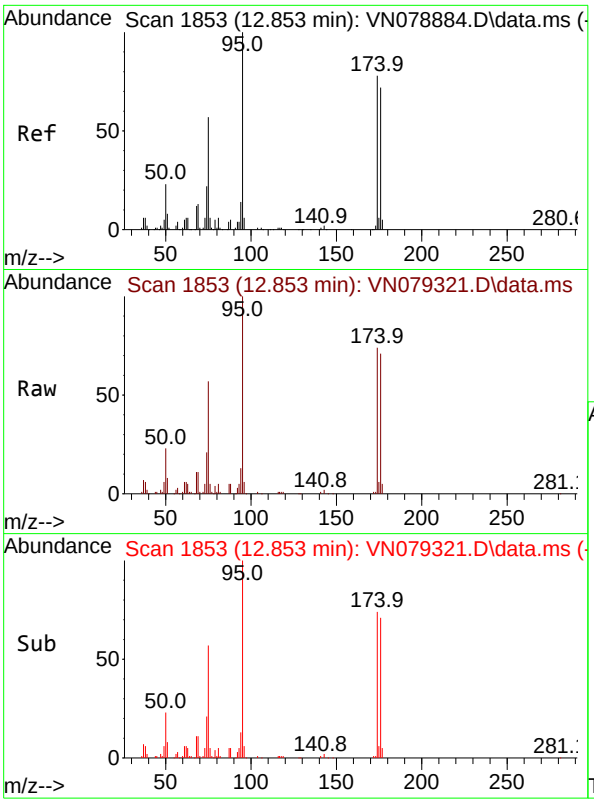


#51
4-Methyl-2-Pentanone
Concen: 9.806 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Tgt Ion: 43 Resp: 29680

Ion	Ratio	Lower	Upper
43	100		
58	31.8	36.6	54.8#



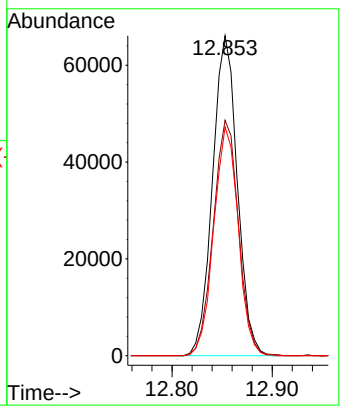


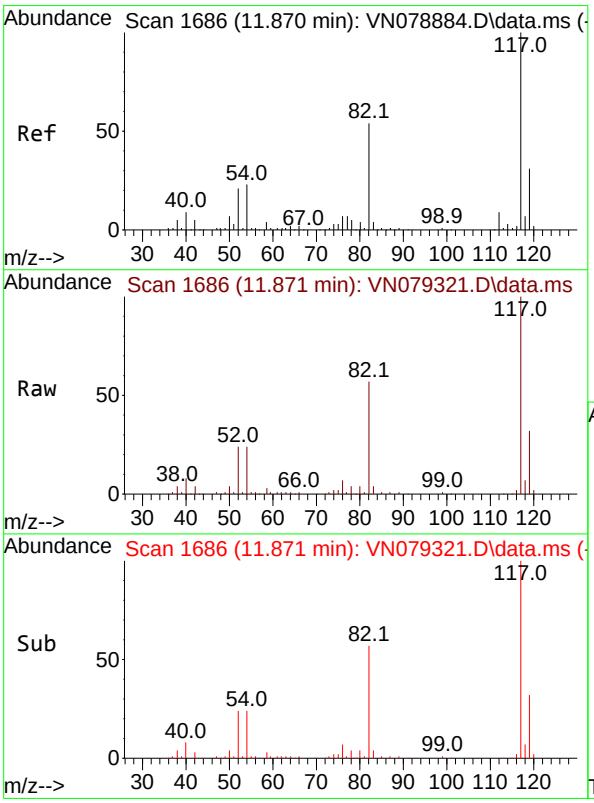
#62
4-Bromofluorobenzene
Concen: 46.596 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 95 Resp: 113433

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	143.8
176	70.5	0.0	135.8

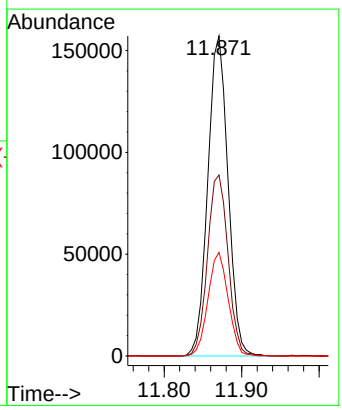


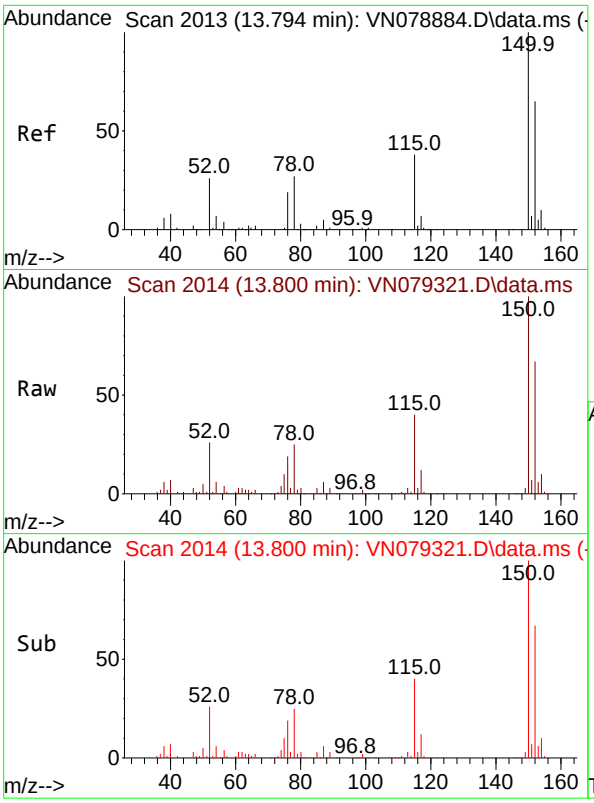


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079321.D
Acq: 21 Sep 2023 13:23

Tgt Ion:117 Resp: 284859

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.0	66.0
119	32.4	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: VN079321.D
Acq: 21 Sep 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 77603

Ion	Ratio	Lower	Upper
152	100		
115	62.1	32.3	96.8
150	158.3	0.0	355.8