Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
Data File : VN067138.D
Acq On : 18 May 2021 19:39
Operator : JC/MD
Sample : M2366-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JG-SPOILS-5-11-21-A

Quant Time: May 19 02:52:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.597	168	617667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	851216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	725203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.302	152	299993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	277996	41.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 83.32%			
35) Dibromofluoromethane	7.519	113	185999	33.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 66.56%#			
50) Toluene-d8	10.038	98	993581	46.90	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.80%			
62) 4-Bromofluorobenzene	12.358	95	302109	42.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.14%			
Target Compounds						Qvalue
16) Acetone	3.770	43	125242	60.39	ug/l	99
18) Methyl Acetate	4.274	43	23875	3.87	ug/l	98
20) Methylene Chloride	4.486	84	32353	4.84	ug/l	99
25) 2-Butanone	6.760	43	38681	11.96	ug/l	96
51) 4-Methyl-2-Pentanone	9.936	43	5864	6.24	ug/l	96

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

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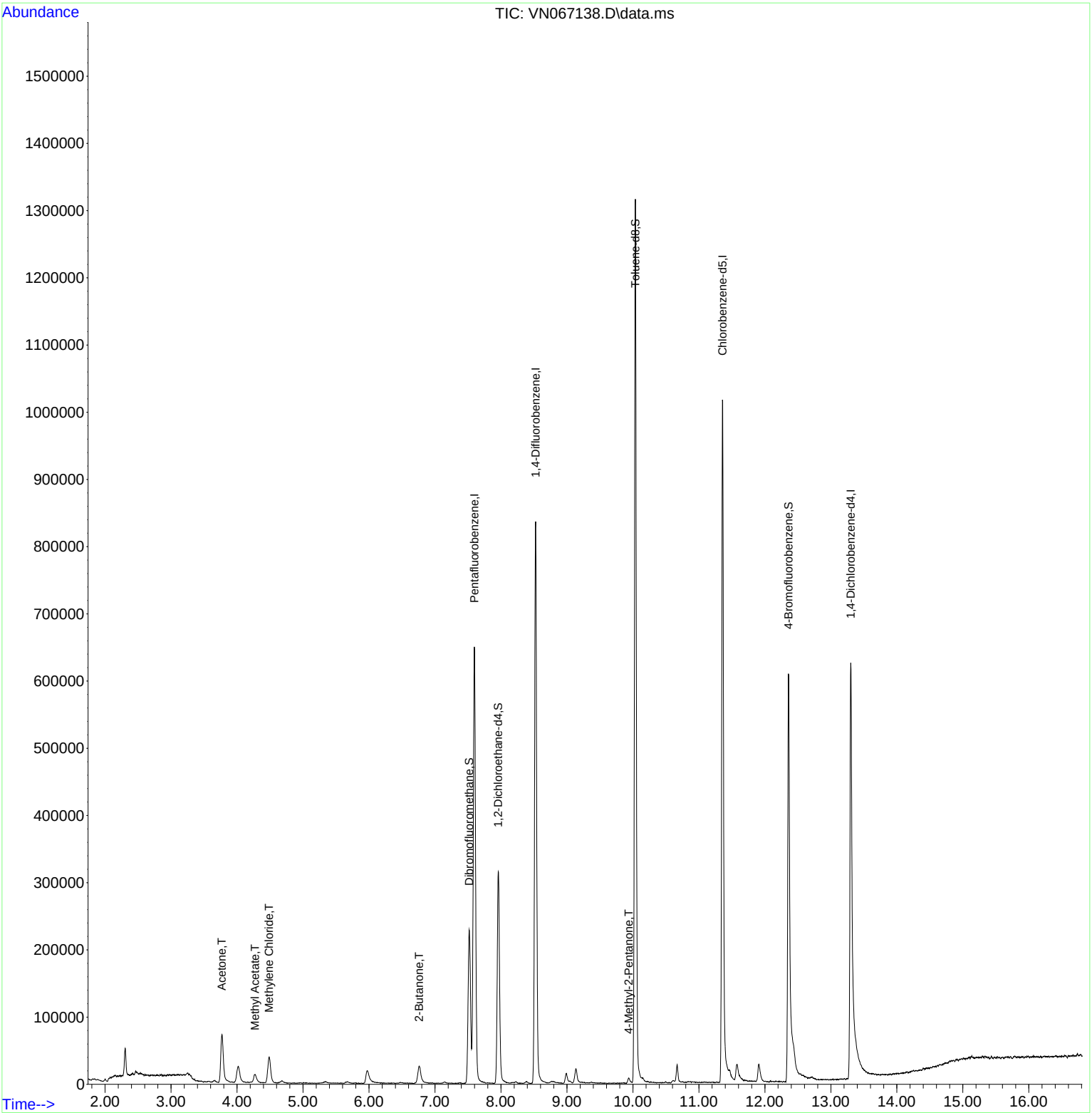
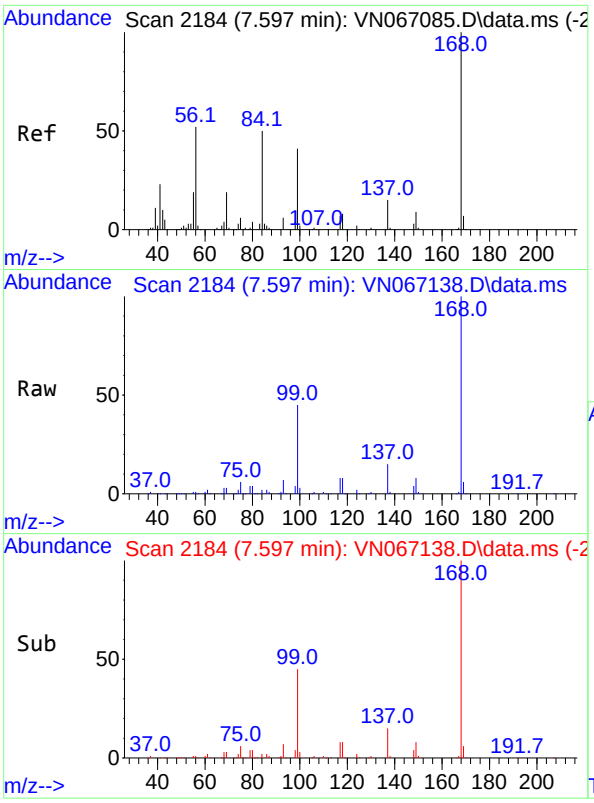
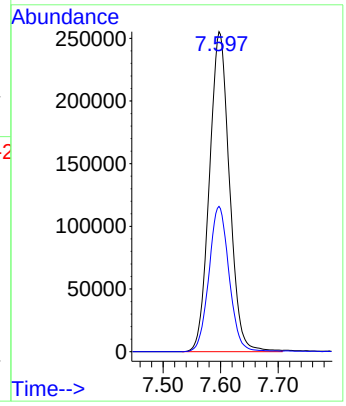




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion:168 Resp: 617667

Ion	Ratio	Lower	Upper
168	100		
99	45.4	38.5	57.7



Instrument :
MSVOA_N
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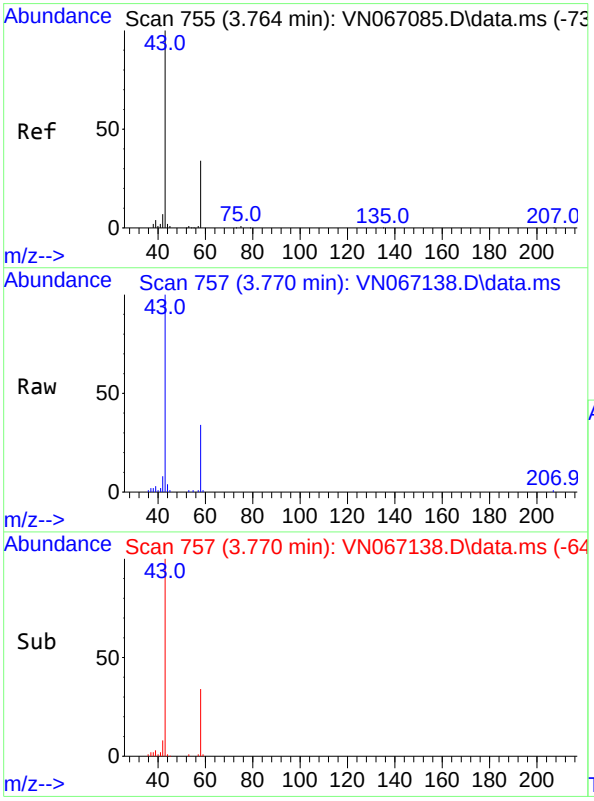
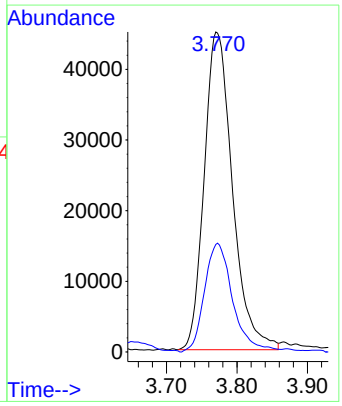
JG-SPOILS-5-11-21-A



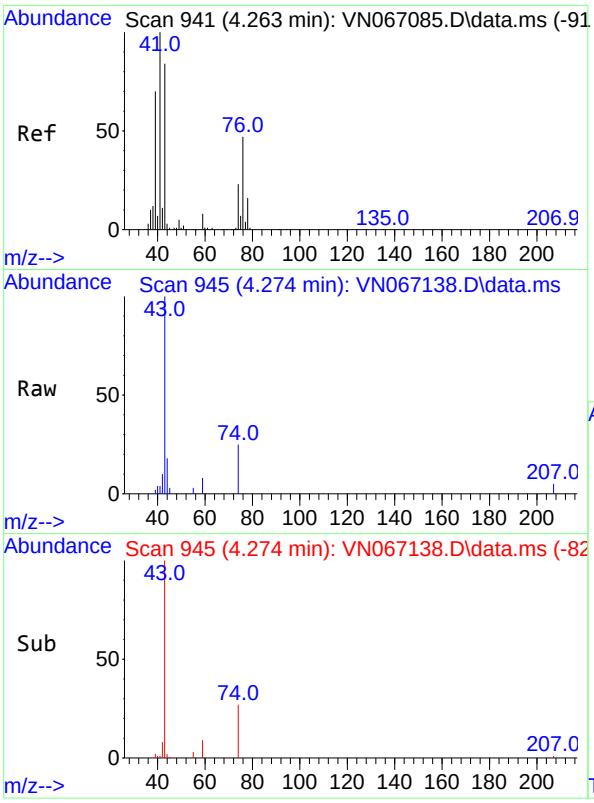
#16
Acetone
Concen: 60.39 ug/l
RT: 3.770 min Scan# 757
Delta R.T. 0.006 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion: 43 Resp: 125242

Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.2	40.8



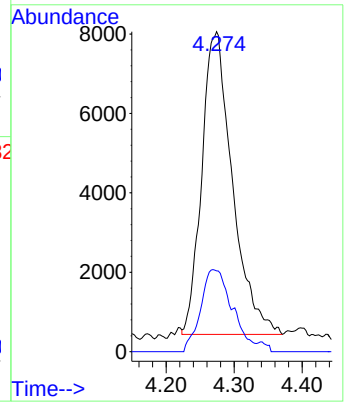
Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-A

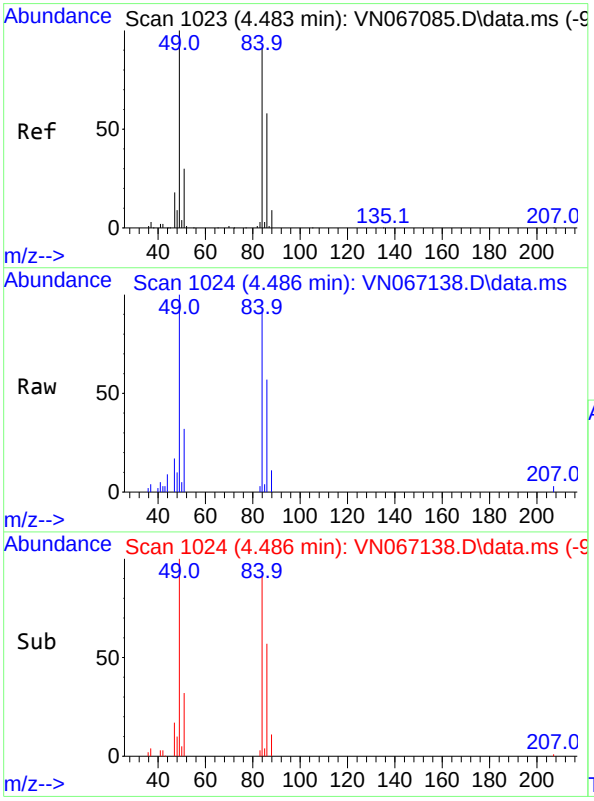


#18
Methyl Acetate
Concen: 3.87 ug/l
RT: 4.274 min Scan# 945
Delta R.T. 0.011 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion: 43 Resp: 23875

Ion	Ratio	Lower	Upper
43	100		
74	27.9	21.4	32.2

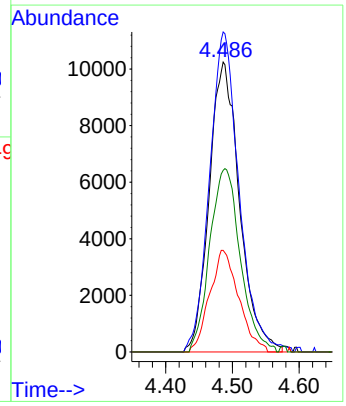




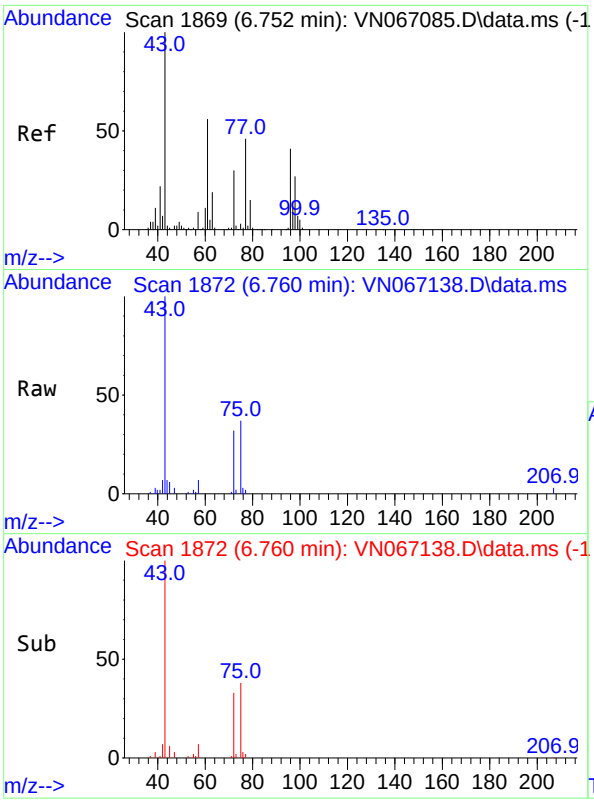
#20
Methylene Chloride
Concen: 4.84 ug/l
RT: 4.486 min Scan# 1024
Delta R.T. 0.003 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion: 84 Resp: 32353

Ion	Ratio	Lower	Upper
84	100		
49	110.4	88.3	132.5
51	35.0	26.7	40.1
86	62.6	51.1	76.7



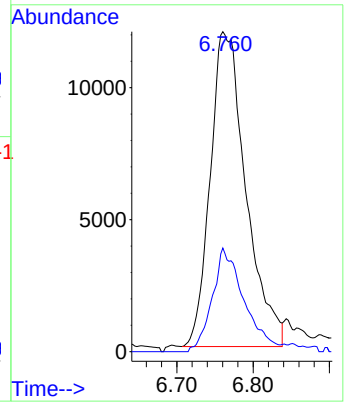
Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-A

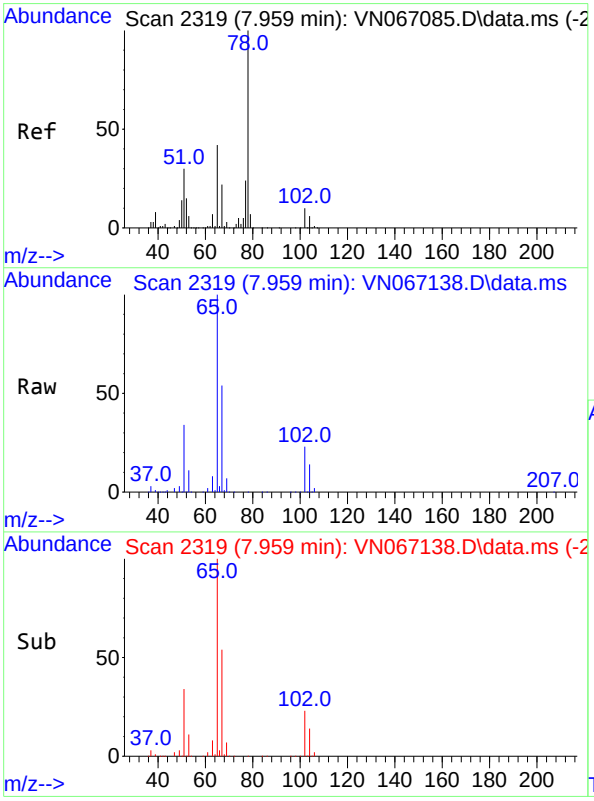


#25
2-Butanone
Concen: 11.96 ug/l
RT: 6.760 min Scan# 1872
Delta R.T. 0.008 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion: 43 Resp: 38681

Ion	Ratio	Lower	Upper
43	100		
72	32.9	24.4	36.6

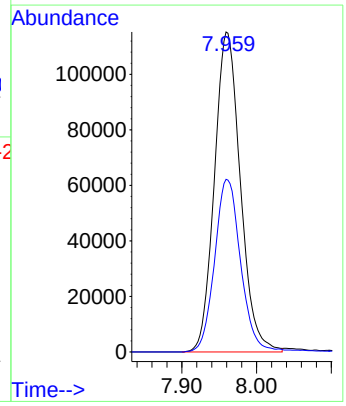




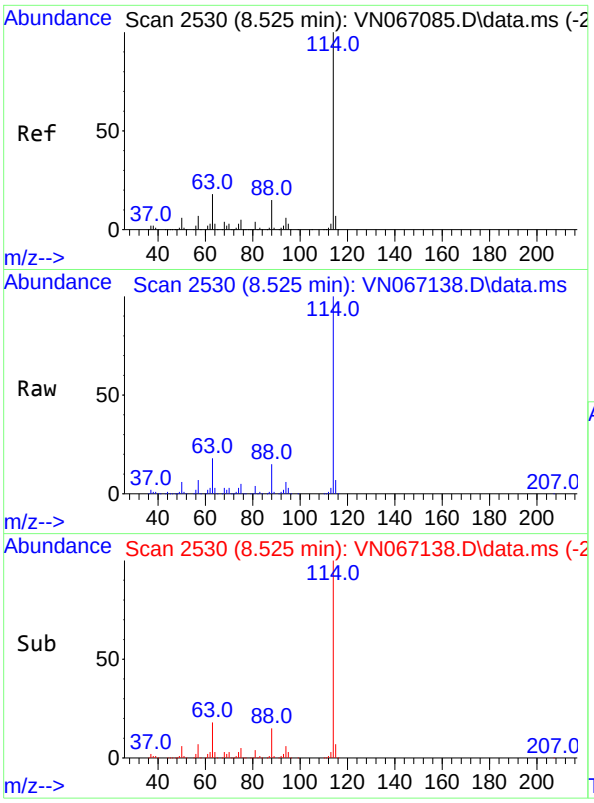
#33
1,2-Dichloroethane-d4
Concen: 41.66 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion: 65 Resp: 277996

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.4



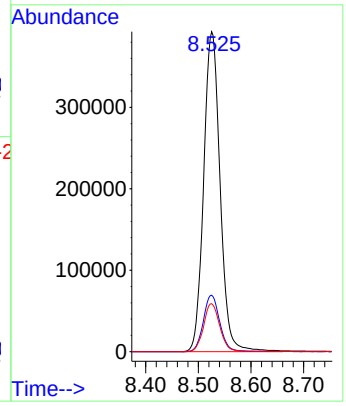
Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-A

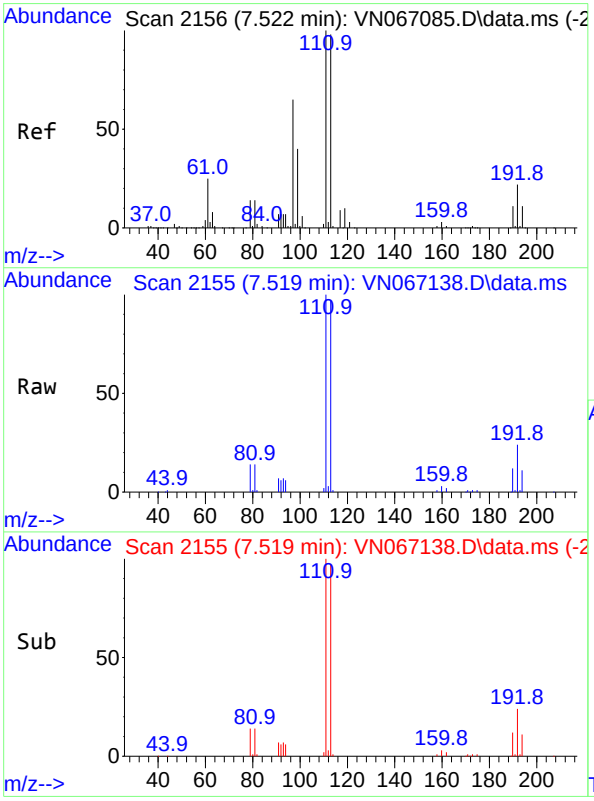


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion:114 Resp: 851216

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.8
88	15.0	0.0	30.4

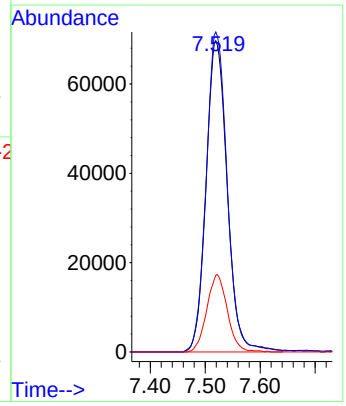




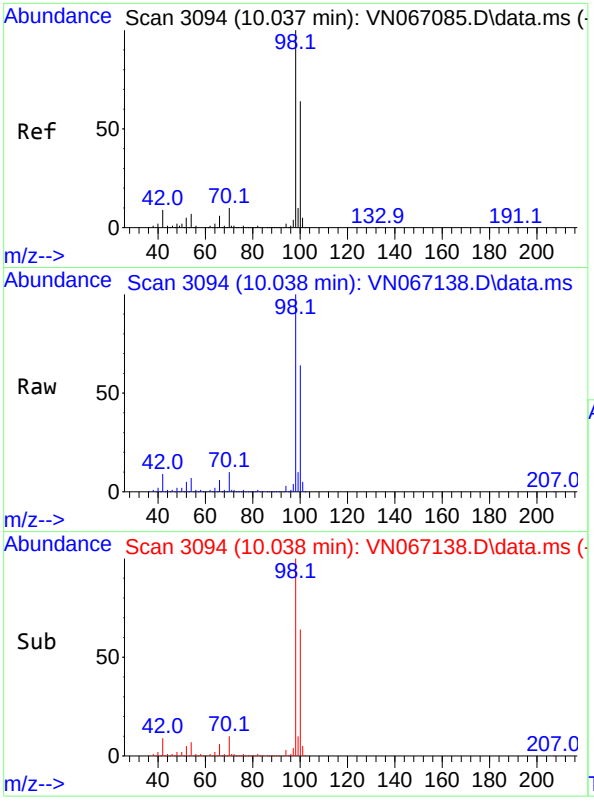
#35
Dibromofluoromethane
Concen: 33.28 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion:113 Resp: 185999

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	24.0	18.2	27.4



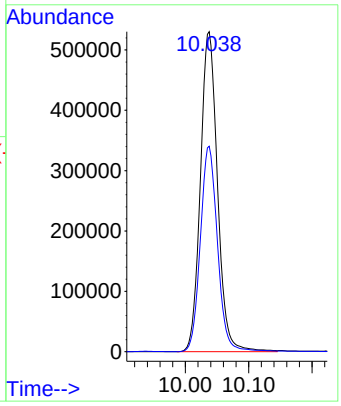
Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-A

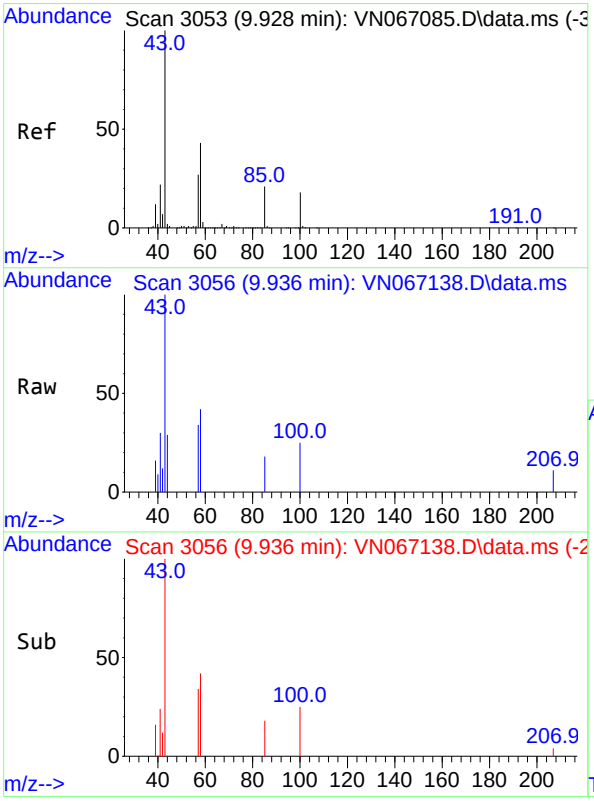


#50
Toluene-d8
Concen: 46.90 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.001 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion: 98 Resp: 993581

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.8

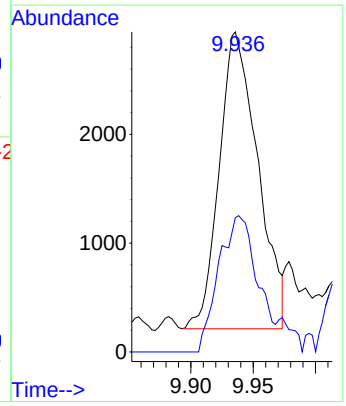


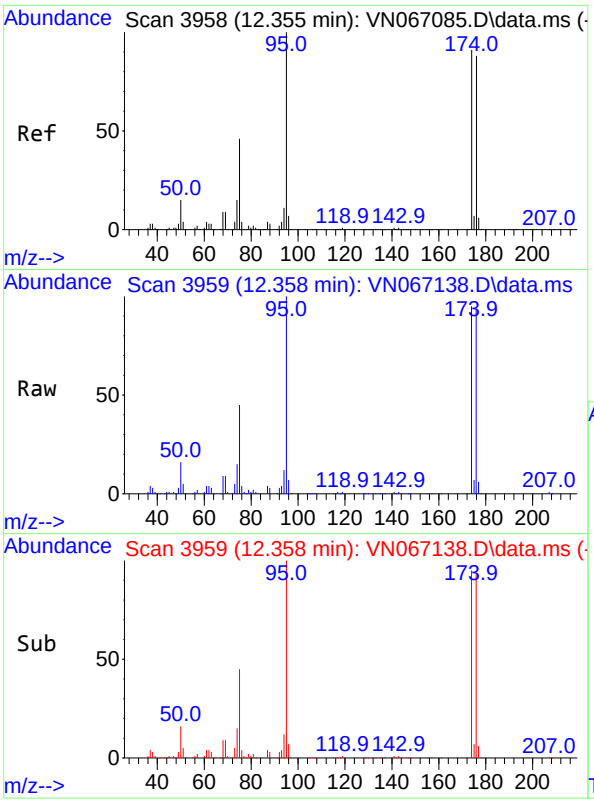


#51
4-Methyl-2-Pentanone
Concen: 6.24 ug/l
RT: 9.936 min Scan# 3056
Delta R.T. 0.008 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion: 43 Resp: 5864

Ion	Ratio	Lower	Upper
43	100		
58	45.9	34.5	51.7

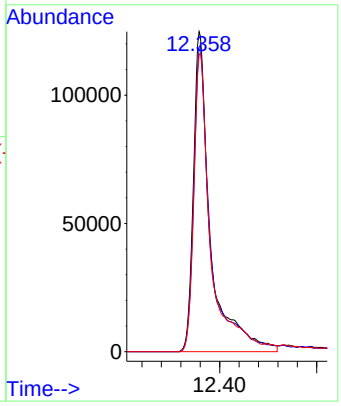




#62
4-Bromofluorobenzene
Concen: 42.57 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion: 95 Resp: 302109

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	182.8
176	91.2	0.0	176.6



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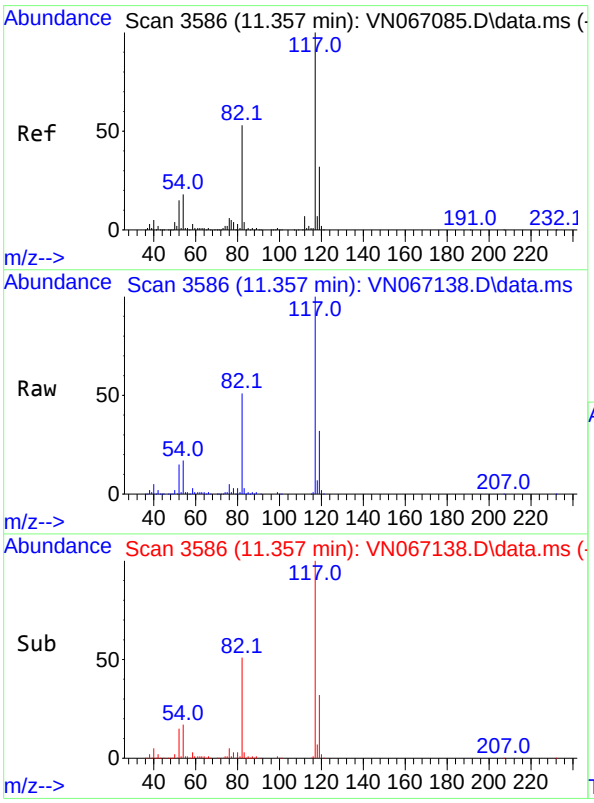
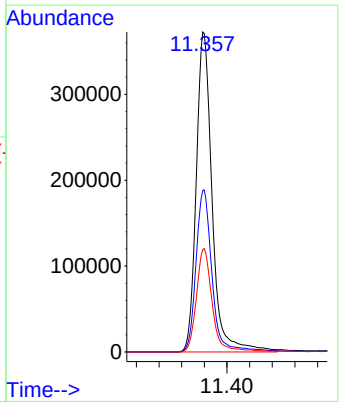
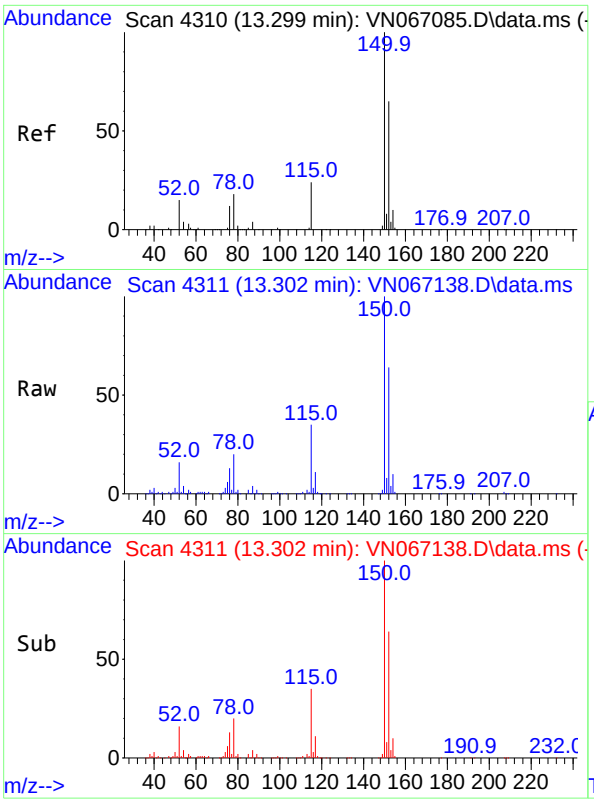


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. 0.000 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion:117 Resp: 725203

Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.2	63.2
119	32.0	25.8	38.6

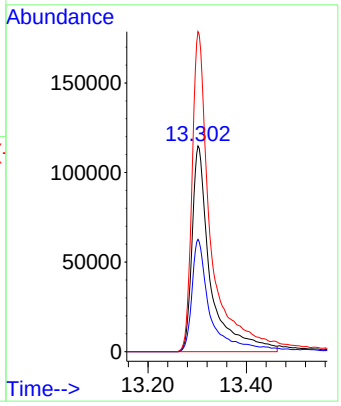




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.302 min Scan# 4311
Delta R.T. 0.003 min
Lab File: VN067138.D
Acq: 18 May 2021 19:39

Tgt Ion:152 Resp: 299993

Ion	Ratio	Lower	Upper
152	100		
115	52.6	27.0	80.8
150	155.4	0.0	350.2



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