Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
Data File : VN067599.D
Acq On : 1 Jul 2021 16:19
Operator : JC/MD
Sample : M2861-03DL 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jul 02 06:47:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 01 12:09:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.659	128	60190	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	354902	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	316816	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	156347	32.145	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.133%			
60) 4-Bromofluorobenzene	13.058	95	168	0.033	ug/l	0.32
Spiked Amount 30.000	Range 63 - 112		Recovery = 0.100%#			
63) Toluene-d8	10.443	98	453837	31.306	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.367%			
Target Compounds						Qvalue
5) Bromomethane	2.877	94	1983	0.348	ug/l	84
12) Methyl Acetate	4.865	43	1126	0.300	ug/l #	90
13) Acrolein	3.703	56	181	0.342	ug/l	97
15) Acetone	4.293	58	36733	89.957	ug/l	85
18) Methylene Chloride	5.111	84	1248	0.329	ug/l #	56
25) Chloroform	7.823	83	11538	1.537	ug/l	94
41) Bromodichloromethane	9.765	83	2980	0.485	ug/l #	89
45) 1,4-Dioxane	9.083	88	80	1.045	ug/l #	1
50) 1,1,2-Trichloroethane	10.448	97	15384	3.435	ug/l #	1
56) Bromoform	12.731	173	814	0.242	ug/l #	28
59) 2-Hexanone	11.095	43	1314	0.342	ug/l #	83
77) t-1,4-Dichloro-2-butene	12.733	75	75841	45.481	ug/l #	6
91) Naphthalene	15.517	128	4367	0.400	ug/l #	80

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

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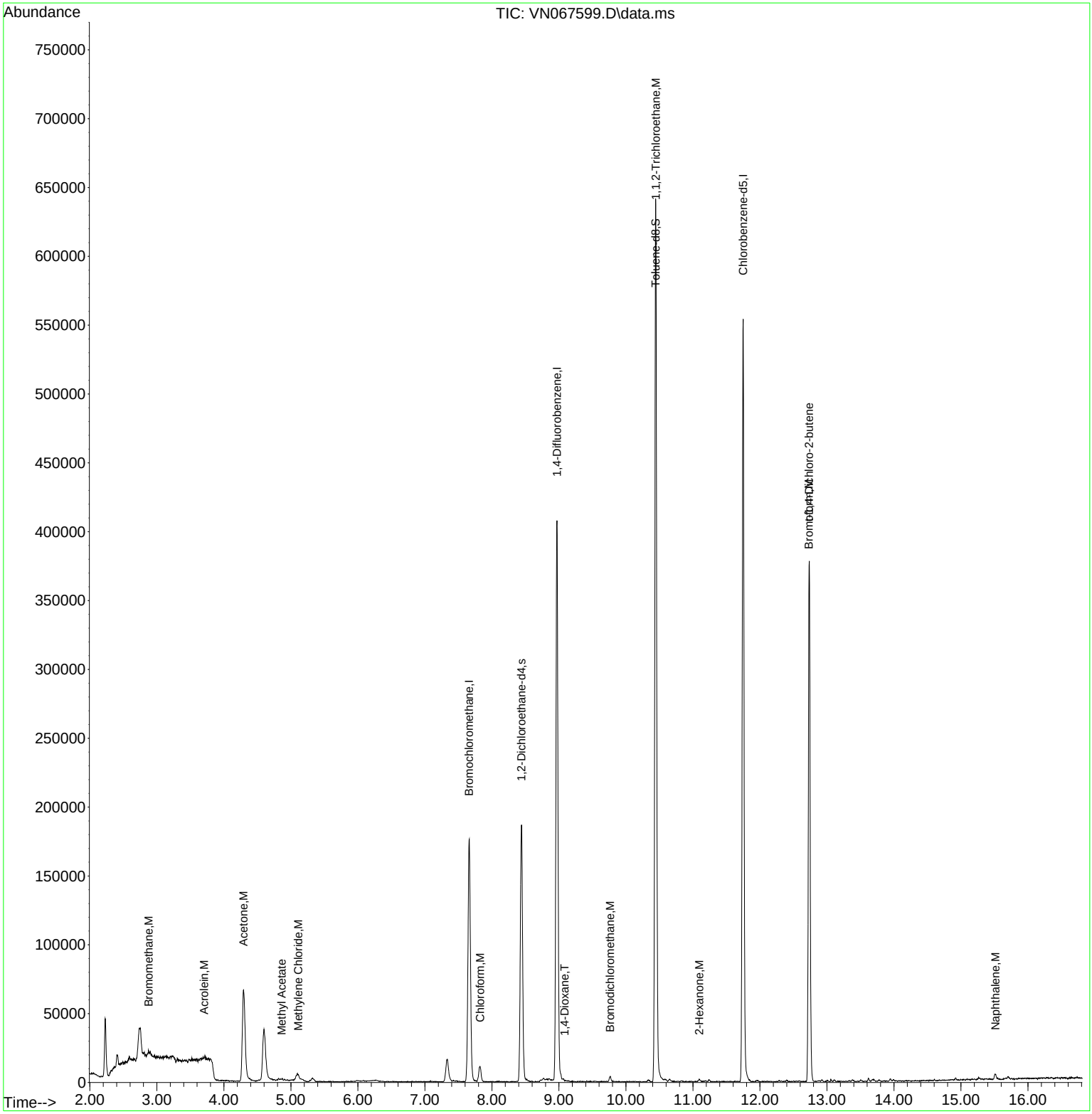
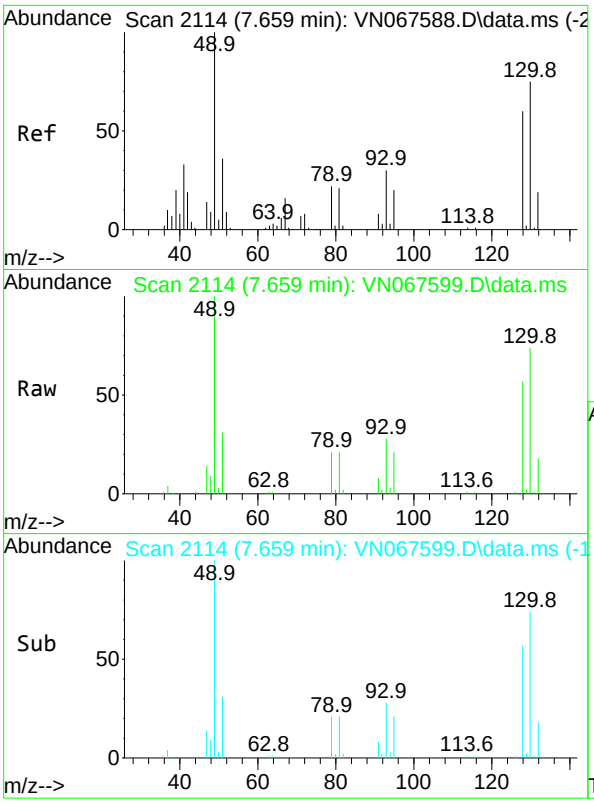
Sample : M2861-03DL 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 02 06:47:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 01 12:09:22 2021
Response via : Initial Calibration

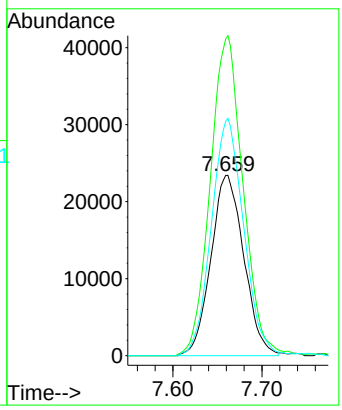




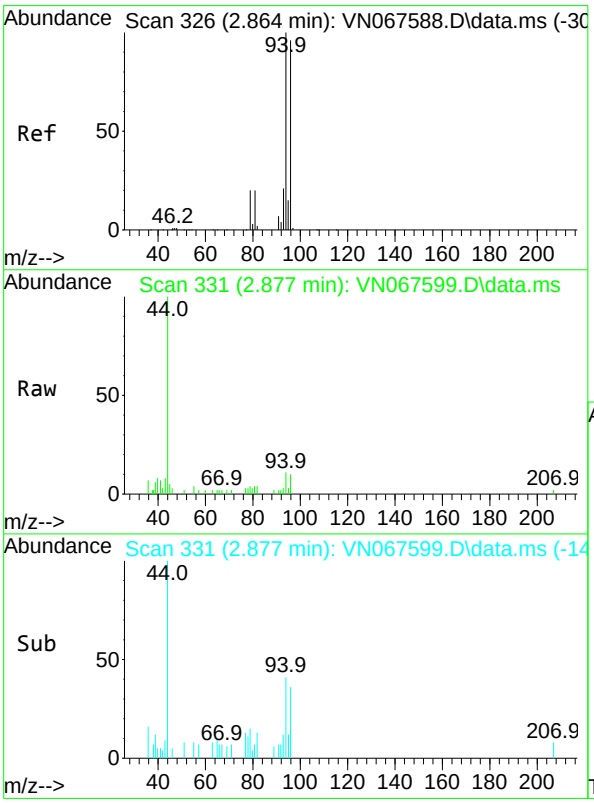
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion:128 Resp: 60190

Ion	Ratio	Lower	Upper
128	100		
49	175.7	0.0	517.5
130	129.3	0.0	325.8



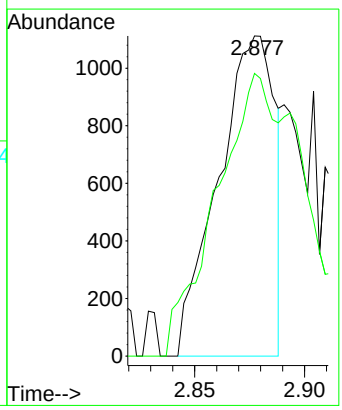
Instrument :
MSVOA_N
ClientSampleId :

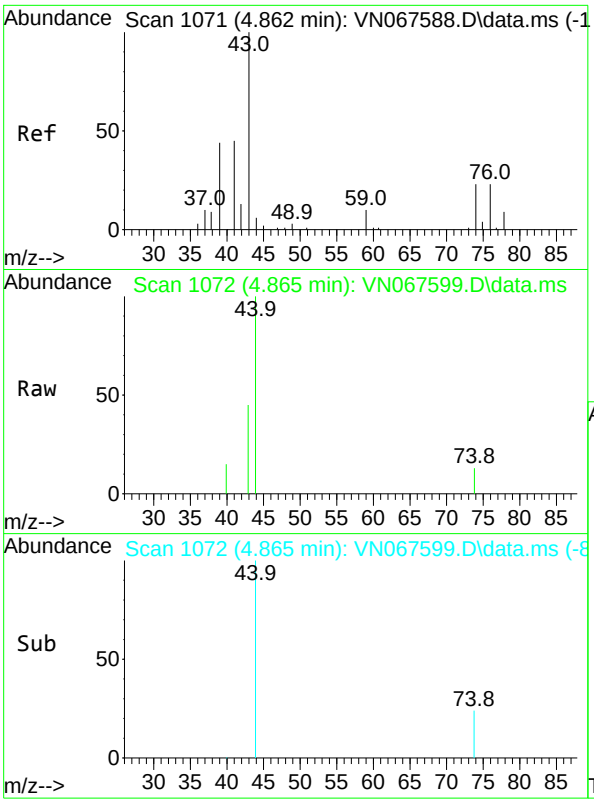


#5
Bromomethane
Concen: 0.348 ug/l
RT: 2.877 min Scan# 331
Delta R.T. 0.013 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 94 Resp: 1983

Ion	Ratio	Lower	Upper
94	100		
96	71.6	69.4	104.2

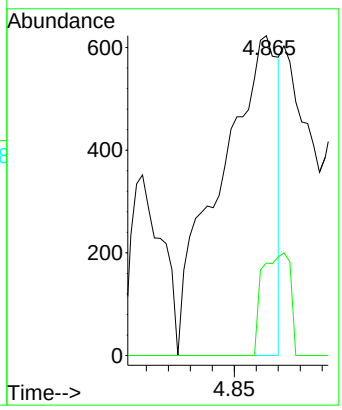




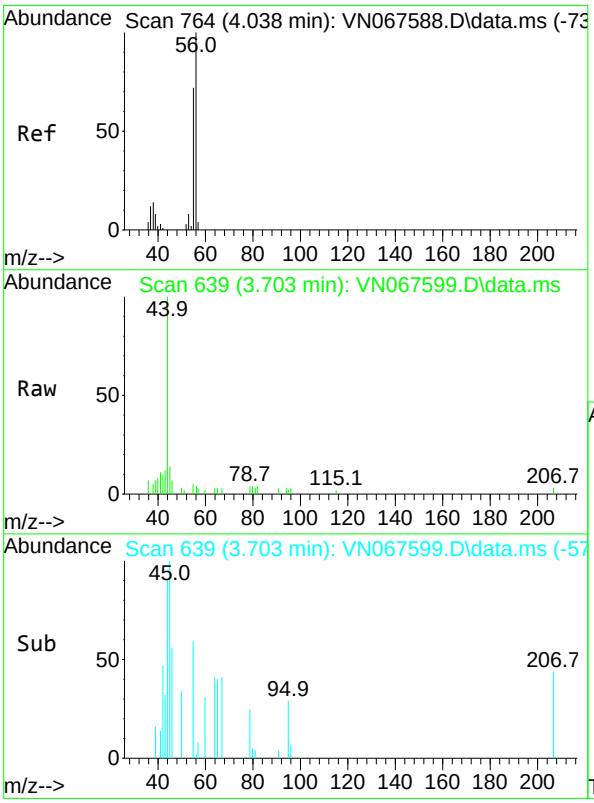
#12
Methyl Acetate
Concen: 0.300 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.003 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 43 Resp: 1126

Ion	Ratio	Lower	Upper
43	100		
74	25.3	16.6	25.0#



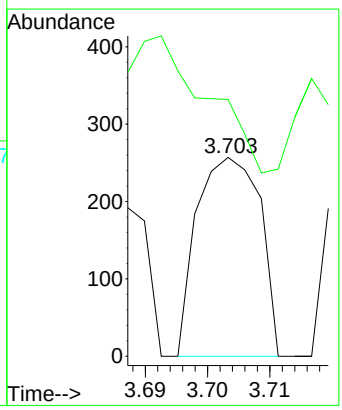
Instrument :
MSVOA_N
ClientSampleId :



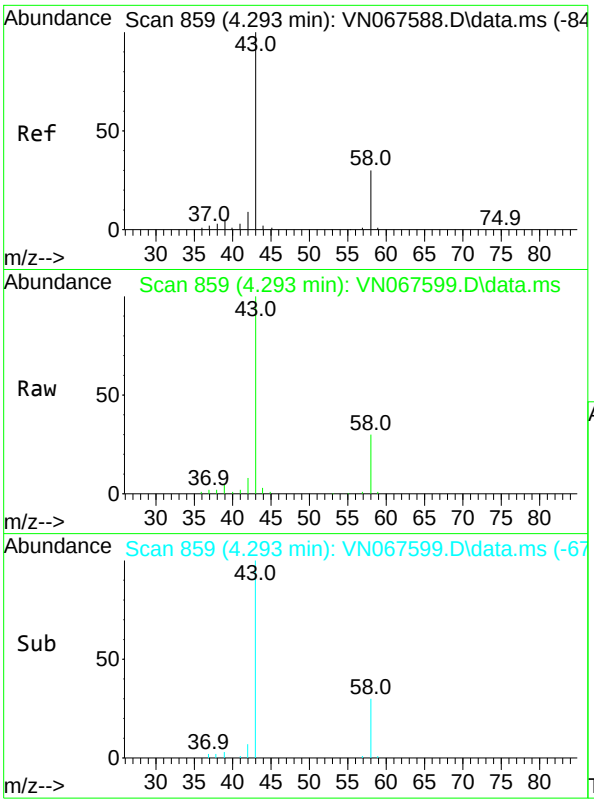
#13
Acrolein
Concen: 0.342 ug/l
RT: 3.703 min Scan# 639
Delta R.T. -0.335 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 56 Resp: 181

Ion	Ratio	Lower	Upper
56	100		
55	69.1	57.5	86.3



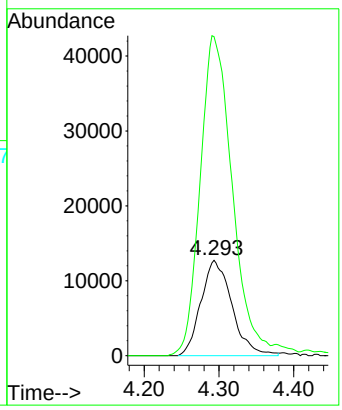
Instrument :
MSVOA_N
ClientSampleId :

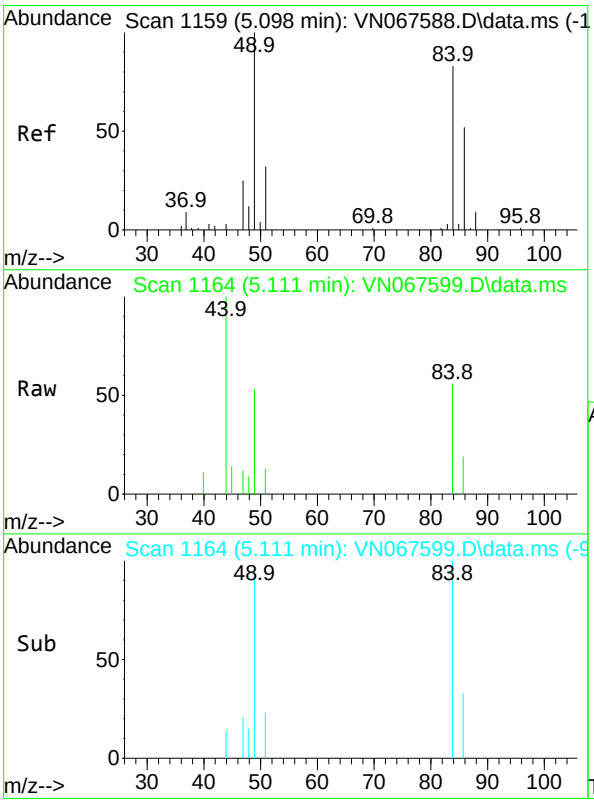


#15
Acetone
Concen: 89.957 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 58 Resp: 36733

Ion	Ratio	Lower	Upper
58	100		
43	328.5	289.6	434.4

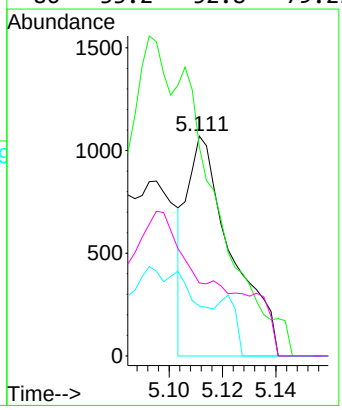


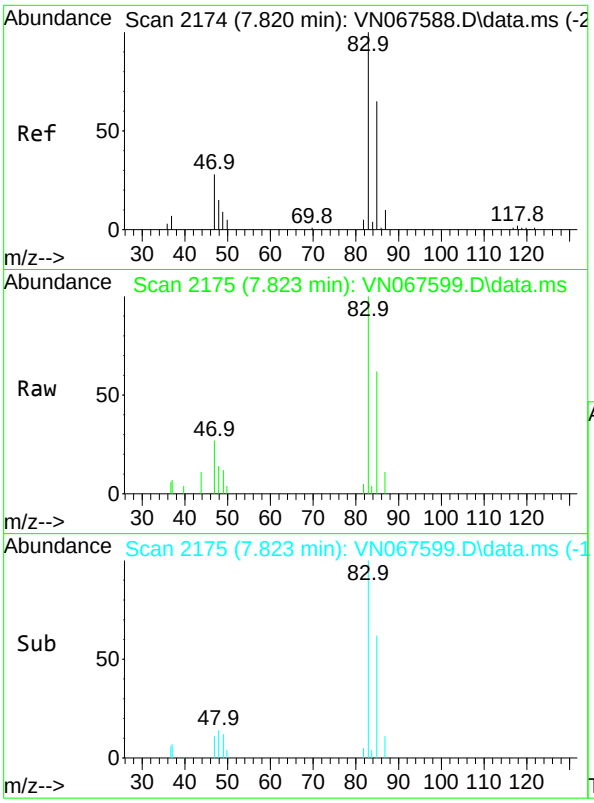


#18
Methylene Chloride
Concen: 0.329 ug/l
RT: 5.111 min Scan# 1164
Delta R.T. 0.013 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 84 Resp: 1248

Ion	Ratio	Lower	Upper
84	100		
49	78.2	110.9	166.3#
51	22.7	31.2	46.8#
86	33.2	52.8	79.2#

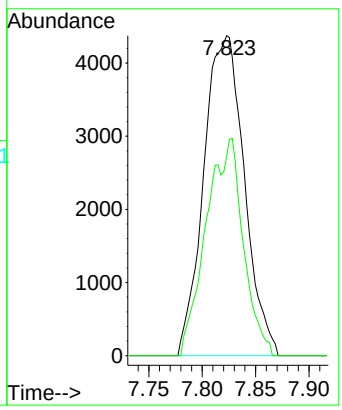




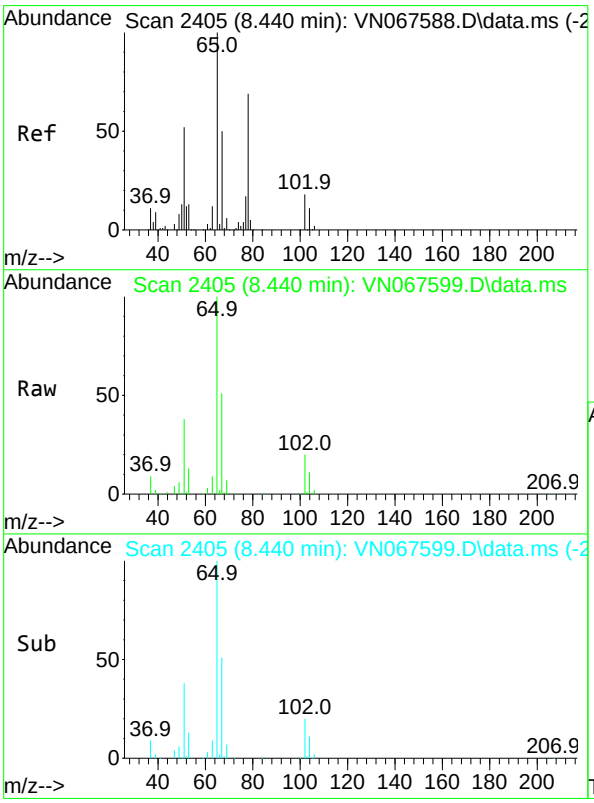
#25
Chloroform
Concen: 1.537 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 83 Resp: 11538

Ion	Ratio	Lower	Upper
83	100		
85	59.9	51.5	77.3



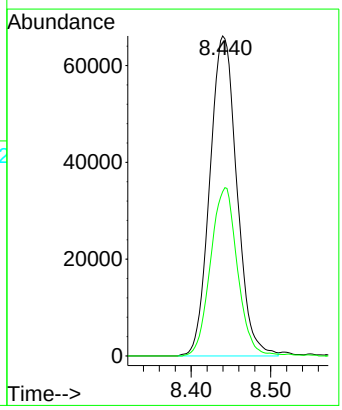
Instrument :
MSVOA_N
ClientSampleId :

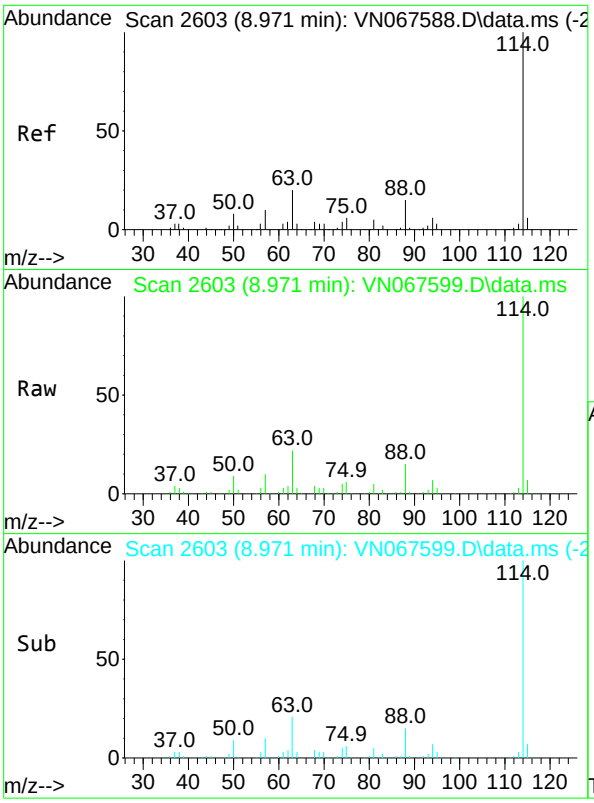


#27
1,2-Dichloroethane-d4
Concen: 32.145 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 65 Resp: 156347

Ion	Ratio	Lower	Upper
65	100		
67	51.9	39.8	59.8

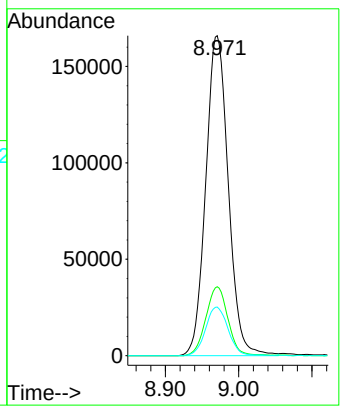




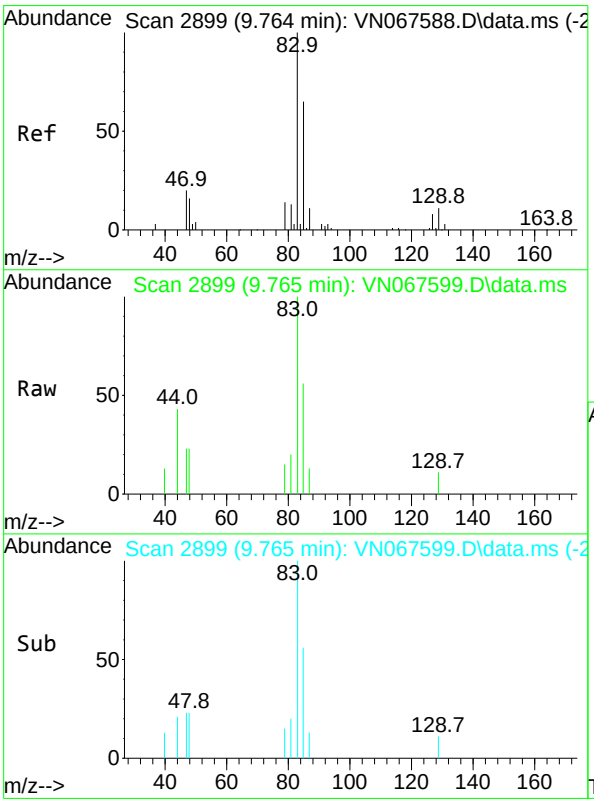
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion:114 Resp: 354902

Ion	Ratio	Lower	Upper
114	100		
63	20.9	20.3	30.5
88	15.3	14.6	22.0



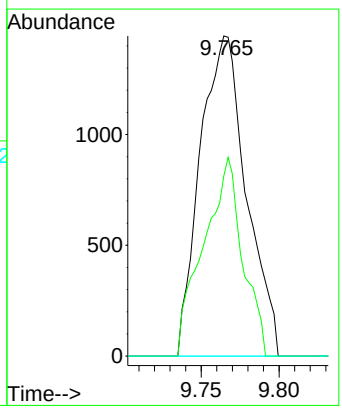
Instrument :
MSVOA_N
ClientSampleId :



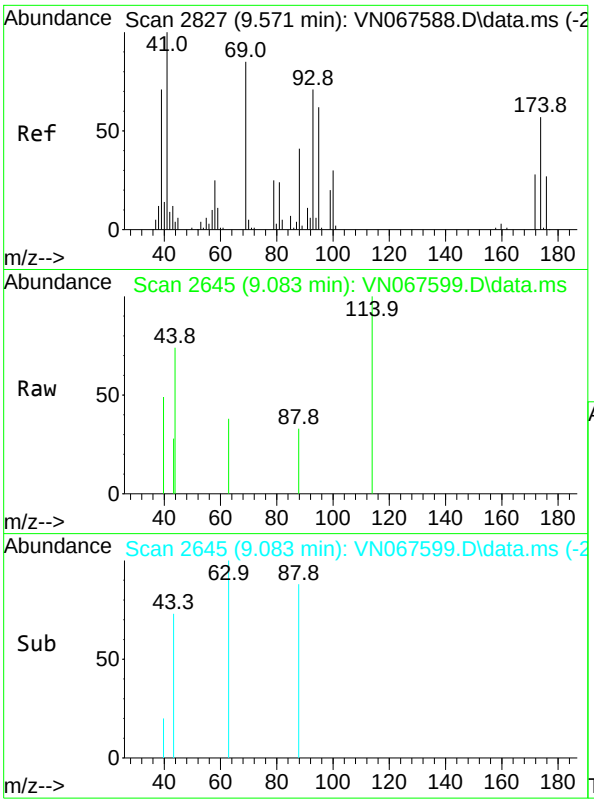
#41
Bromodichloromethane
Concen: 0.485 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 83 Resp: 2980

Ion	Ratio	Lower	Upper
83	100		
85	56.3	51.2	76.8
127	0.0	6.6	9.8#



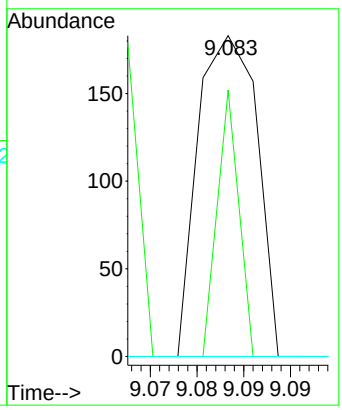
Instrument :
MSVOA_N
ClientSampleId :

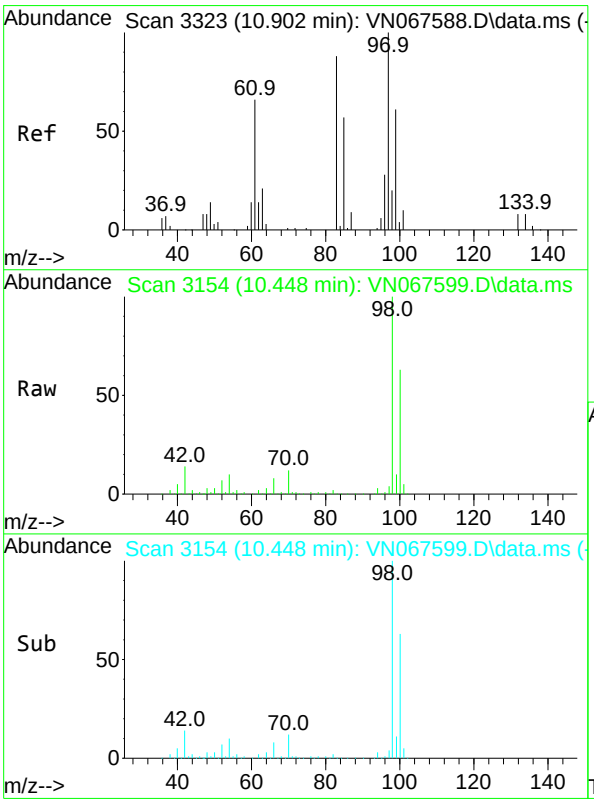


#45
1,4-Dioxane
Concen: 1.045 ug/l
RT: 9.083 min Scan# 2645
Delta R.T. -0.488 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	98.8	18.0	27.0#
58	0.0	57.7	86.5#

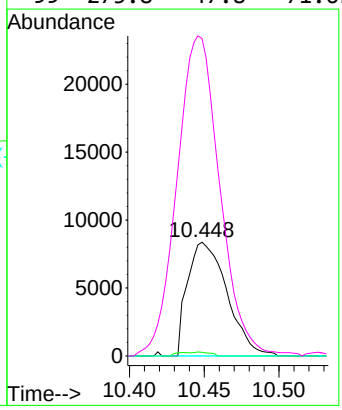


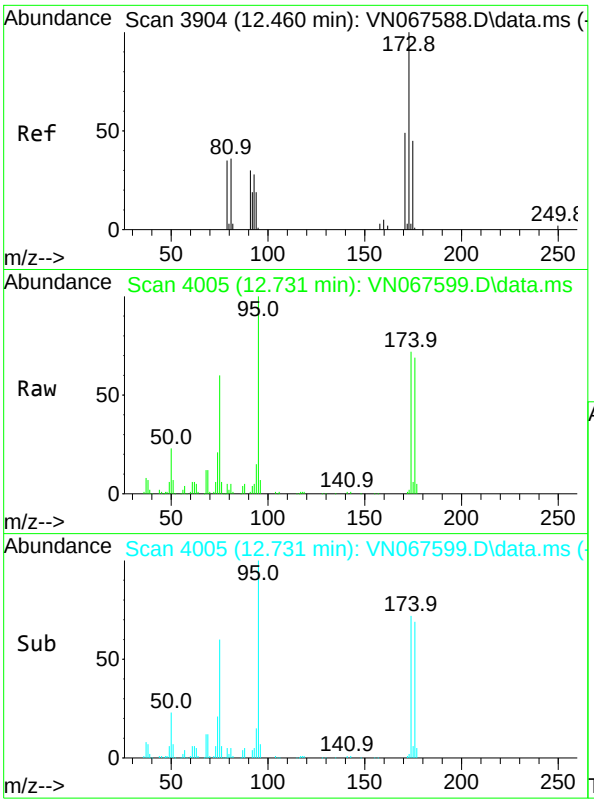


#50
1,1,2-Trichloroethane
Concen: 3.435 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. -0.453 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 97 Resp: 15384

Ion	Ratio	Lower	Upper
97	100		
83	3.3	69.6	104.4#
85	0.0	45.2	67.8#
99	275.8	47.8	71.6#

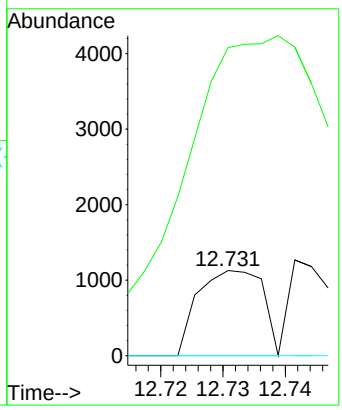




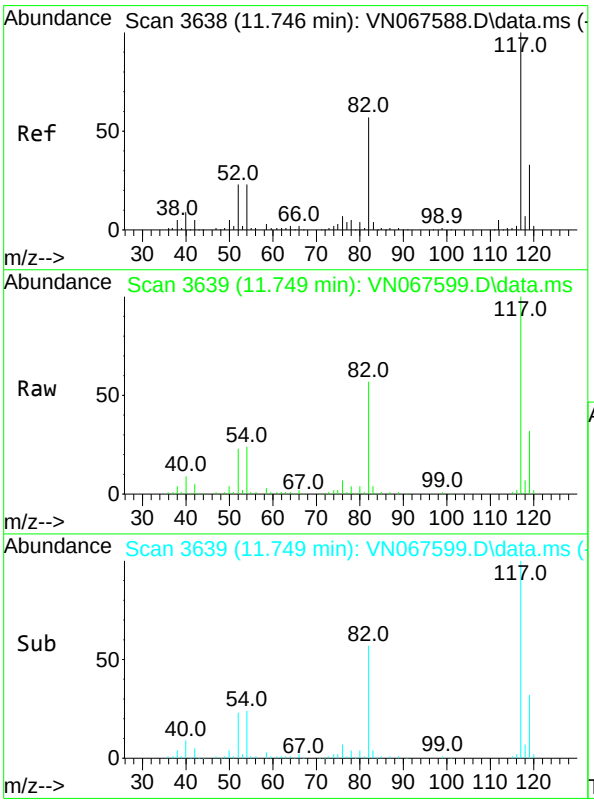
#56
Bromoform
Concen: 0.242 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion:173 Resp: 814

Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.4	59.2#
254	0.0	0.0	0.0



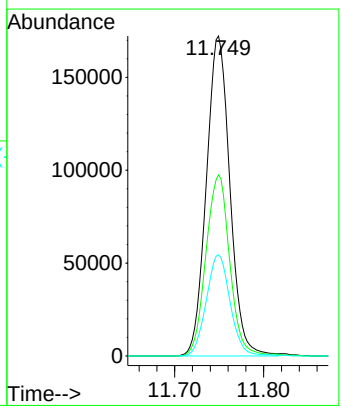
Instrument :
MSVOA_N
ClientSampleId :

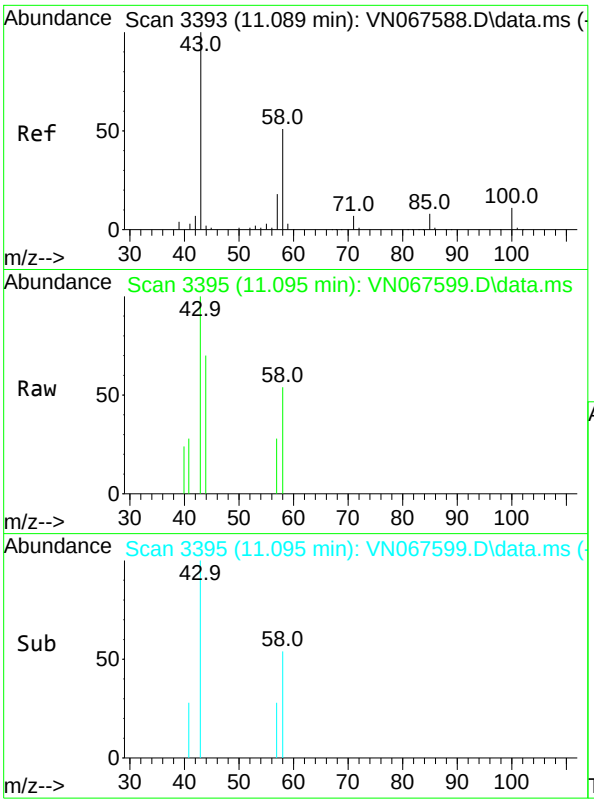


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion:117 Resp: 316816

Ion	Ratio	Lower	Upper
117	100		
82	57.0	52.5	78.7
119	31.9	25.8	38.8

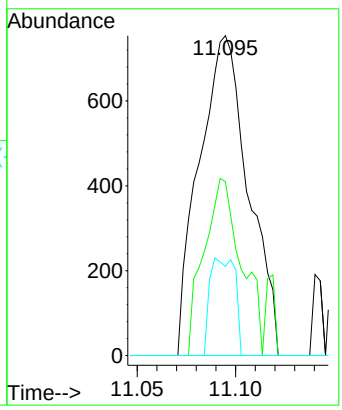




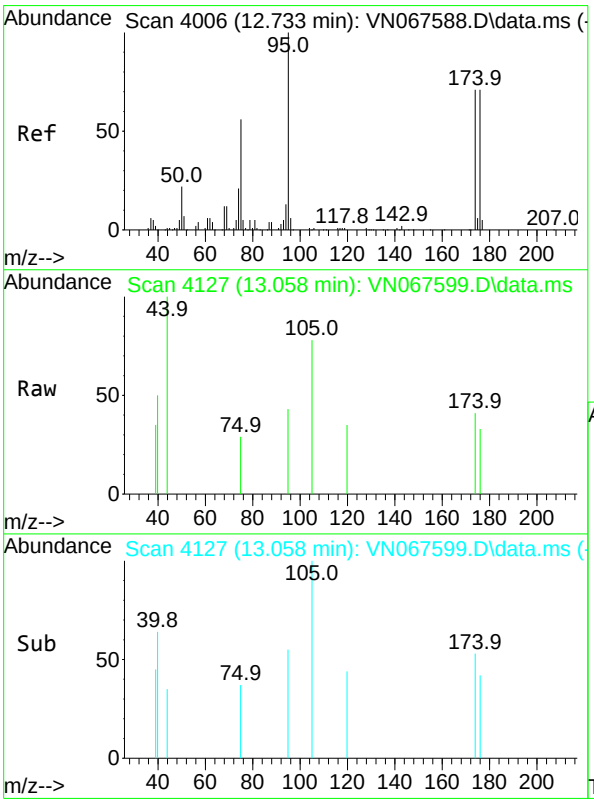
#59
2-Hexanone
Concen: 0.342 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.005 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 43 Resp: 1314

Ion	Ratio	Lower	Upper
43	100		
58	37.6	39.4	59.0#
57	10.3	14.4	21.6#



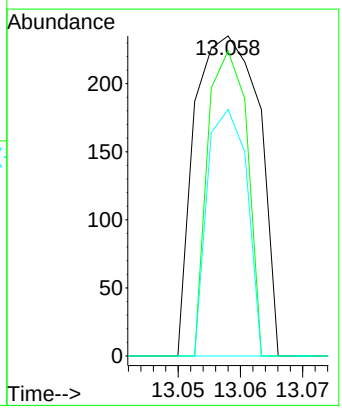
Instrument :
MSVOA_N
ClientSampleId :

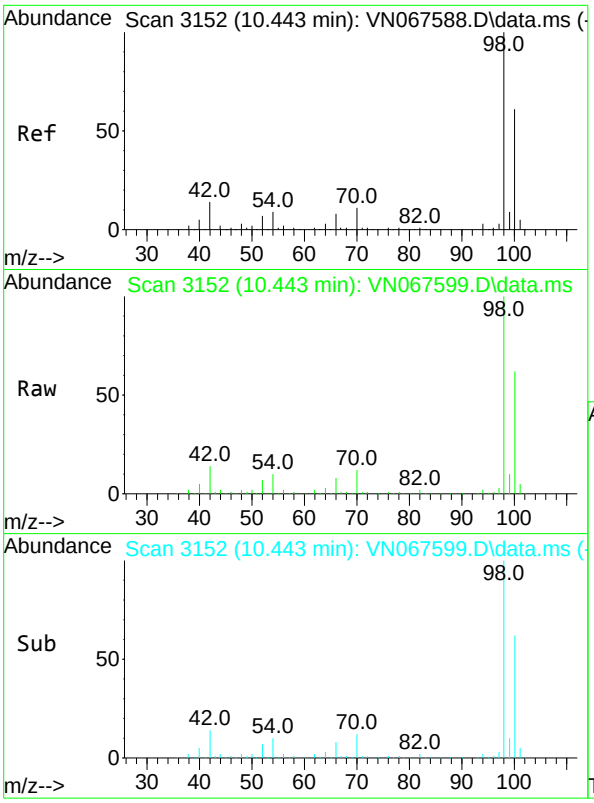


#60
4-Bromofluorobenzene
Concen: 0.033 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.325 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 95 Resp: 168

Ion	Ratio	Lower	Upper
95	100		
174	58.3	47.7	71.5
176	47.6	45.7	68.5

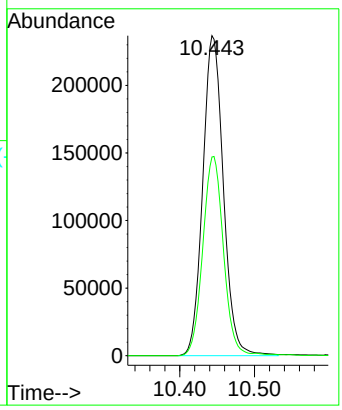




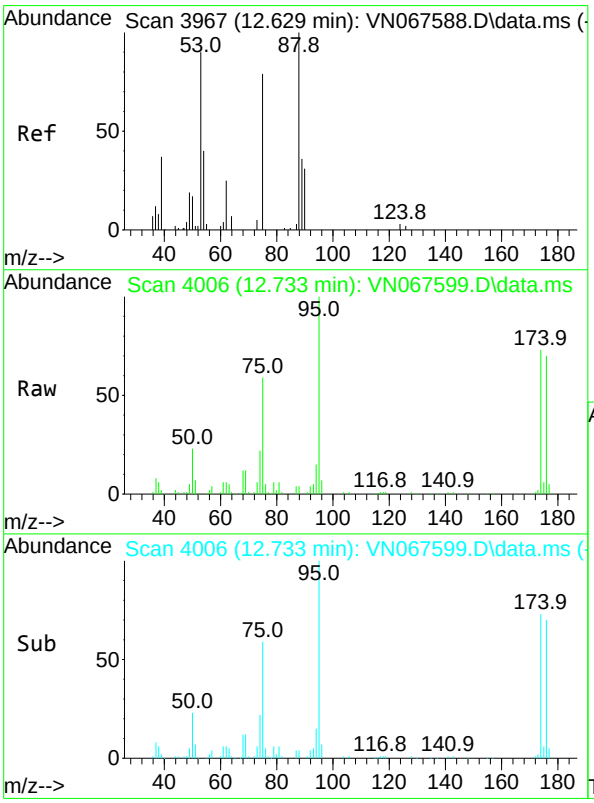
#63
Toluene-d8
Concen: 31.306 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 98 Resp: 453837

Ion	Ratio	Lower	Upper
98	100		
100	61.9	51.2	76.8



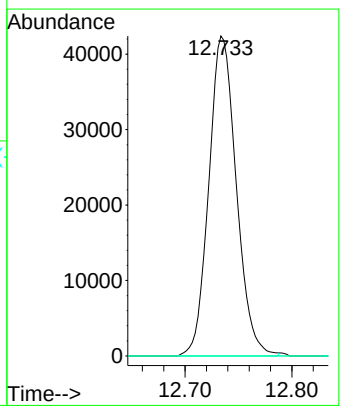
Instrument :
MSVOA_N
ClientSampleId :

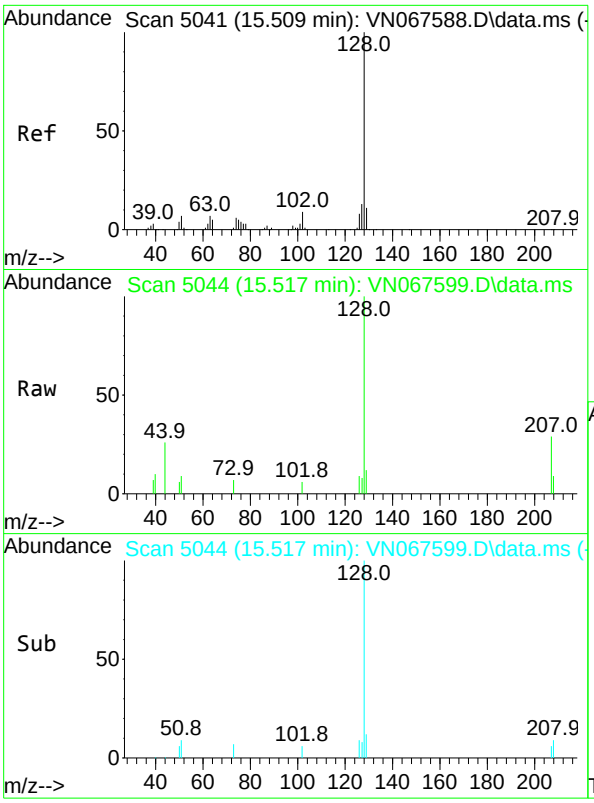


#77
t-1,4-Dichloro-2-butene
Concen: 45.481 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion: 75 Resp: 75841

Ion	Ratio	Lower	Upper
75	100		
53	0.0	55.2	165.6#
89	0.0	24.5	73.5#

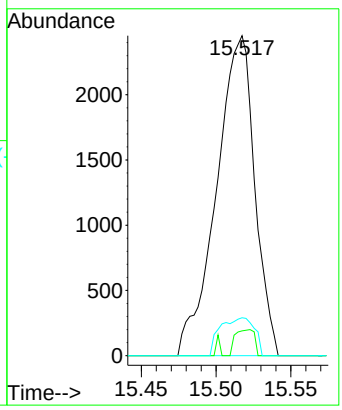




#91
Naphthalene
Concen: 0.400 ug/l
RT: 15.517 min Scan# 5044
Delta R.T. 0.008 min
Lab File: VN067599.D
Acq: 1 Jul 2021 16:19

Tgt Ion:128 Resp: 4367

Ion	Ratio	Lower	Upper
128	100		
127	4.1	10.1	15.1#
129	4.1	8.9	13.3#



Instrument :
MSVOA_N
ClientSampleId :