Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
Data File : VN067373.D
Acq On : 17 Jun 2021 13:01
Operator : JC/MD
Sample : VN0617WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jun 18 04:42:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 12 09:13:15 2021
Response via : Initial Calibration

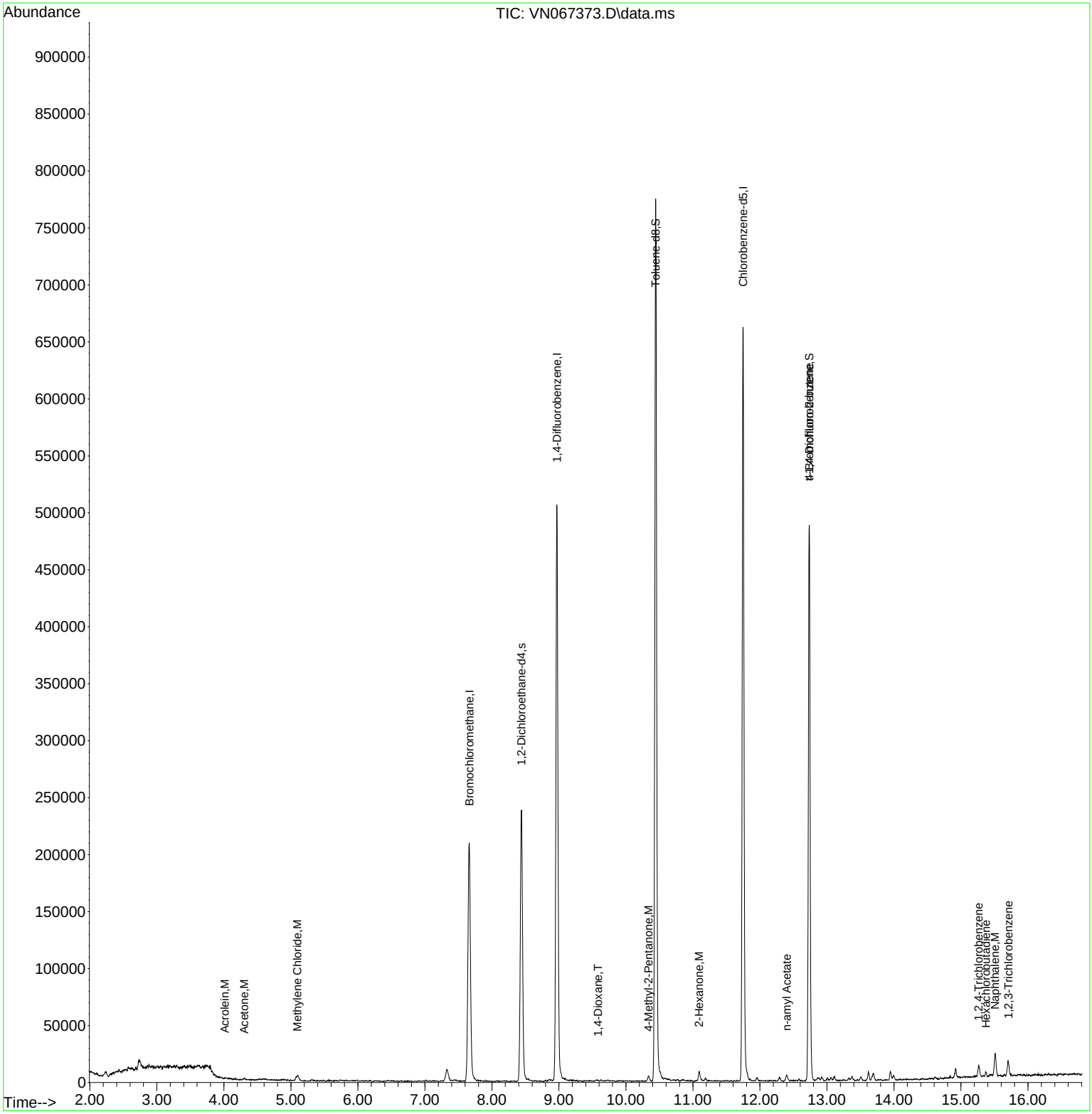
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.664	128	66392	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.971	114	409266	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.749	117	354804	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.440	65	211349	30.292	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.967%				
60) 4-Bromofluorobenzene	12.736	95	185168	27.032	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.100%				
63) Toluene-d8	10.443	98	533701	31.541	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.133%				
Target Compounds							Qvalue
13) Acrolein	4.014	56	218	0.306	ug/l		91
15) Acetone	4.304	58	219	0.350	ug/l	#	1
18) Methylene Chloride	5.095	84	1228	0.249	ug/l	#	55
45) 1,4-Dioxane	9.582	88	25	0.271	ug/l	#	1
47) n-amyl Acetate	12.401	43	3724	0.310	ug/l	#	84
58) 4-Methyl-2-Pentanone	10.338	43	3506	0.450	ug/l	#	86
59) 2-Hexanone	11.092	43	7080	1.255	ug/l	#	65
77) t-1,4-Dichloro-2-butene	12.736	75	106997	45.294	ug/l	#	6
89) 1,2,4-Trichlorobenzene	15.265	180	3253	0.781	ug/l		98
90) Hexachlorobutadiene	15.372	225	615	0.278	ug/l		55
91) Naphthalene	15.507	128	17011	1.217	ug/l	#	90
92) 1,2,3-Trichlorobenzene	15.708	180	3932	0.971	ug/l		85

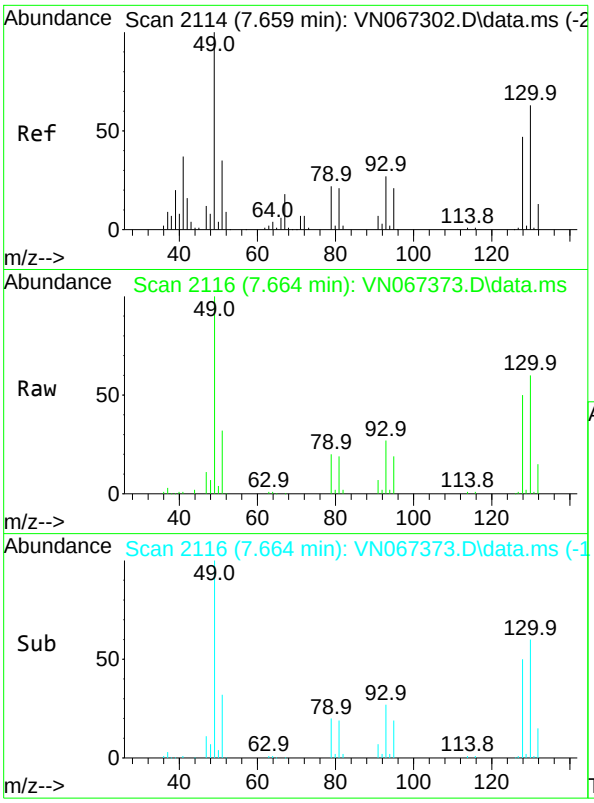
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
Data File : VN067373.D
Acq On : 17 Jun 2021 13:01
Operator : JC/MD
Sample : VN0617WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 18 04:42:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 12 09:13:15 2021
Response via : Initial Calibration

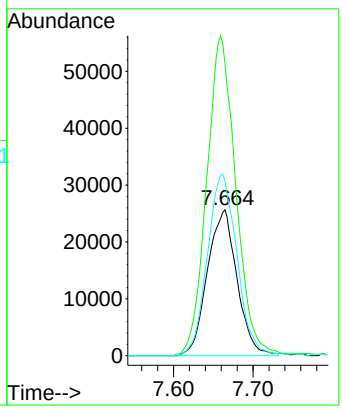




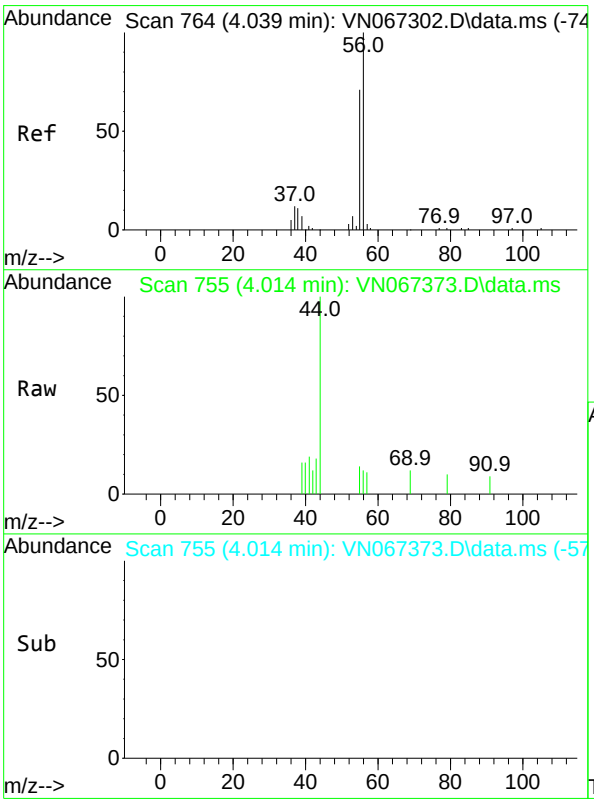
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.664 min Scan# 2116
Delta R.T. 0.005 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion:128 Resp: 66392

Ion	Ratio	Lower	Upper
128	100		
49	215.2	0.0	517.5
130	123.8	0.0	325.8



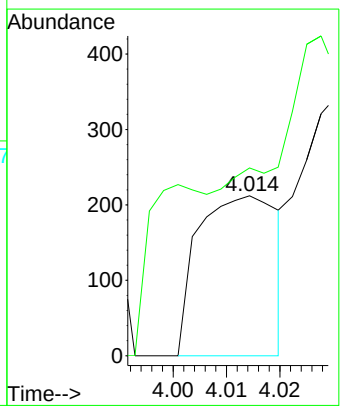
Instrument :
MSVOA_N
ClientSampleId :

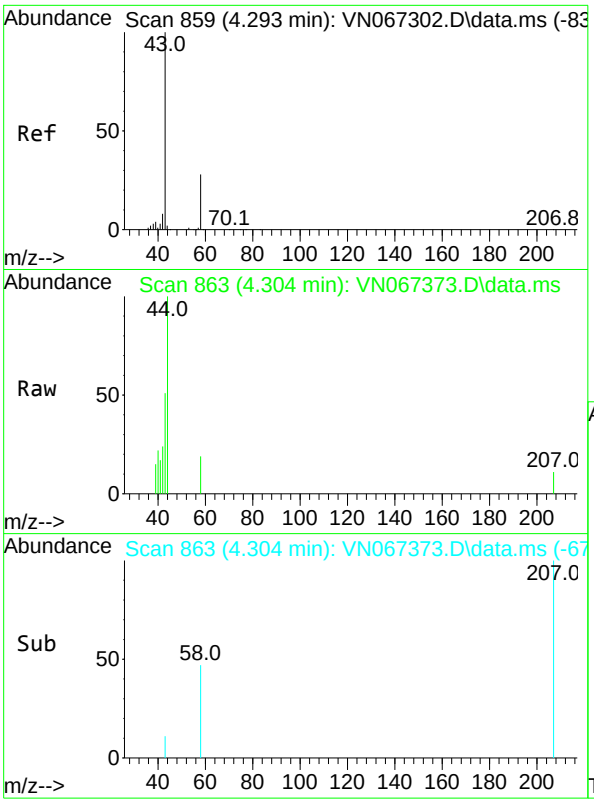


#13
Acrolein
Concen: 0.306 ug/l
RT: 4.014 min Scan# 755
Delta R.T. -0.024 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 56 Resp: 218

Ion	Ratio	Lower	Upper
56	100		
55	79.4	57.5	86.3

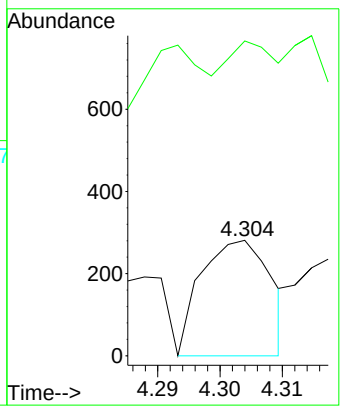




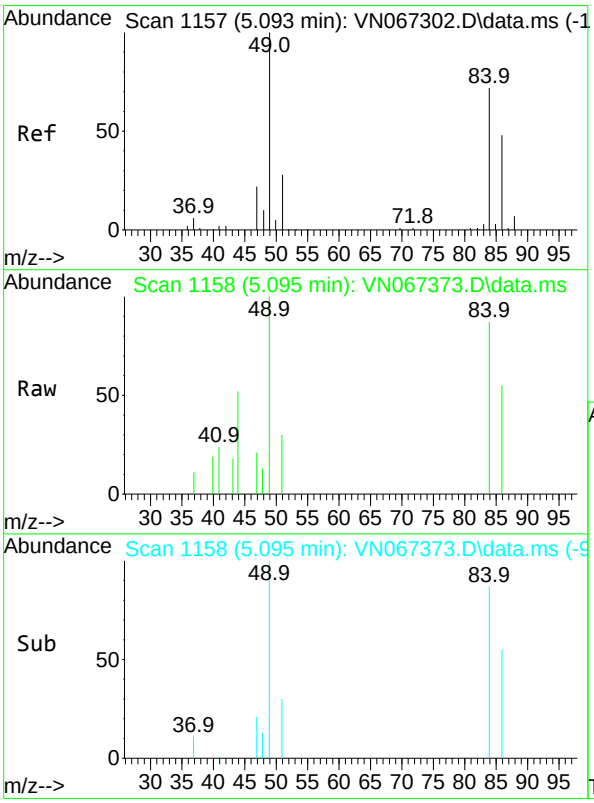
#15
Acetone
Concen: 0.350 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.011 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 58 Resp: 219

Ion	Ratio	Lower	Upper
58	100		
43	19.2	289.6	434.4#



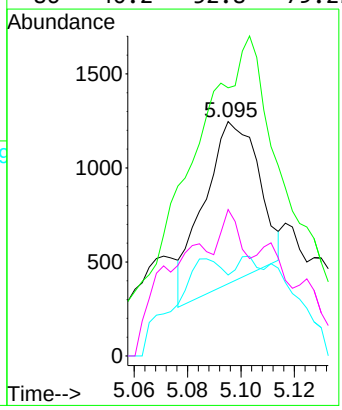
Instrument :
MSVOA_N
ClientSampleId :

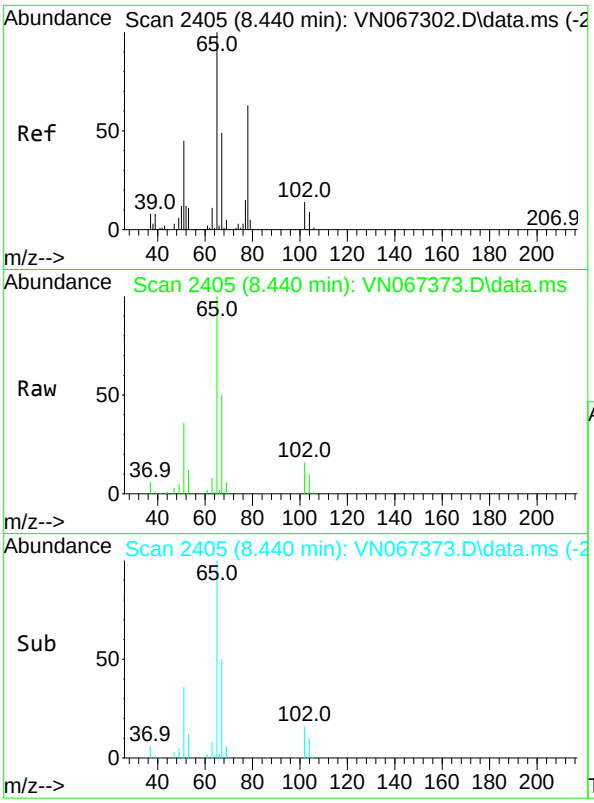


#18
Methylene Chloride
Concen: 0.249 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 84 Resp: 1228

Ion	Ratio	Lower	Upper
84	100		
49	70.7	110.9	166.3#
51	21.3	31.2	46.8#
86	40.2	52.8	79.2#

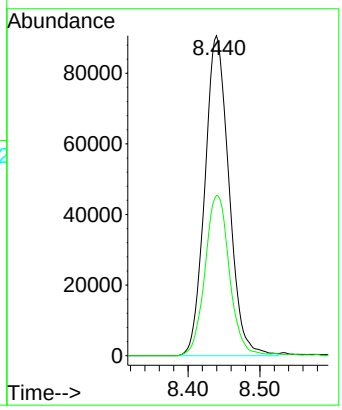




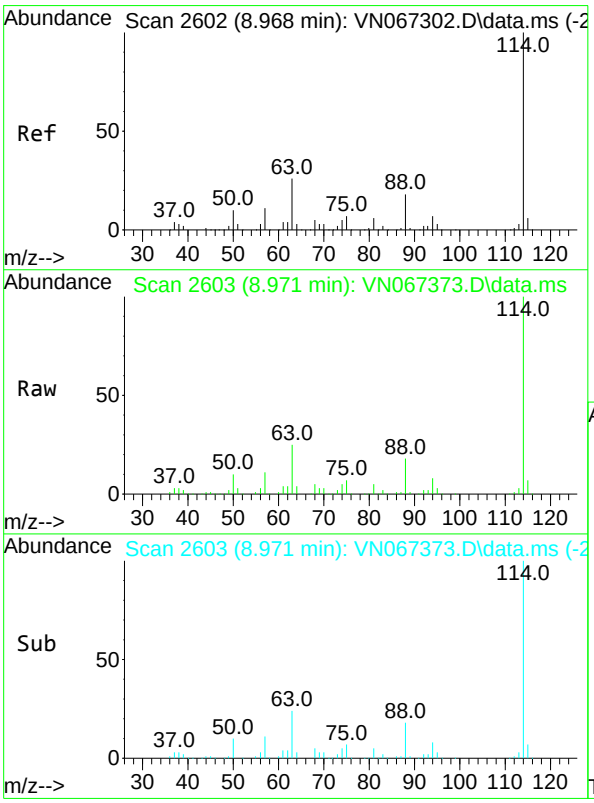
#27
1,2-Dichloroethane-d4
Concen: 30.292 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 65 Resp: 211349

Ion	Ratio	Lower	Upper
65	100		
67	50.7	39.8	59.8



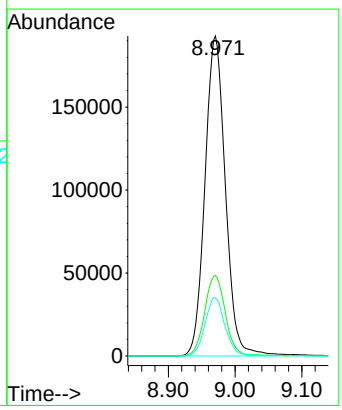
Instrument :
MSVOA_N
ClientSampleId :



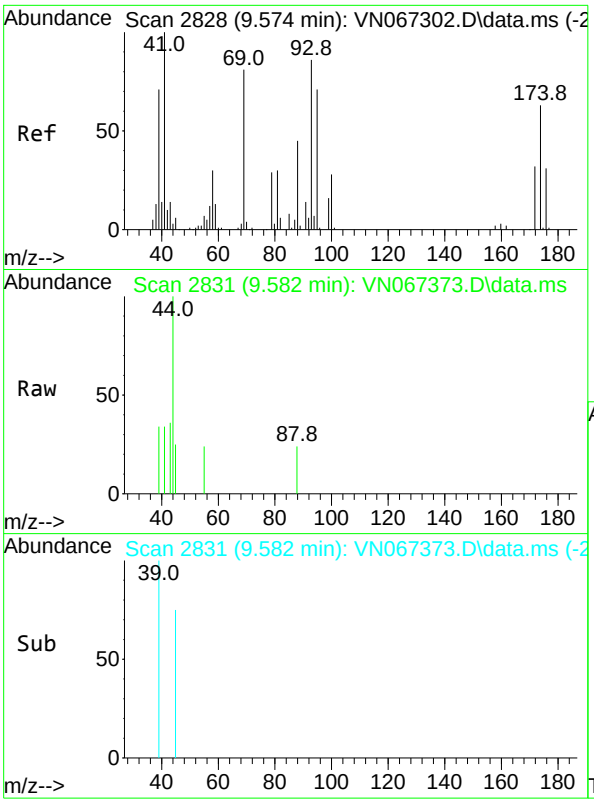
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion:114 Resp: 409266

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.3	30.5
88	17.7	14.6	22.0



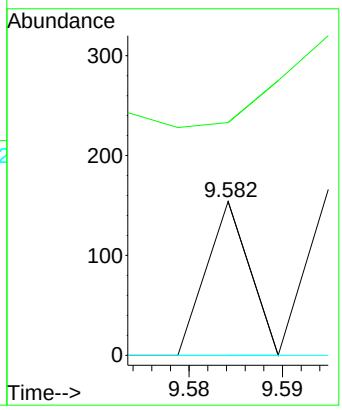
Instrument :
MSVOA_N
ClientSampleId :

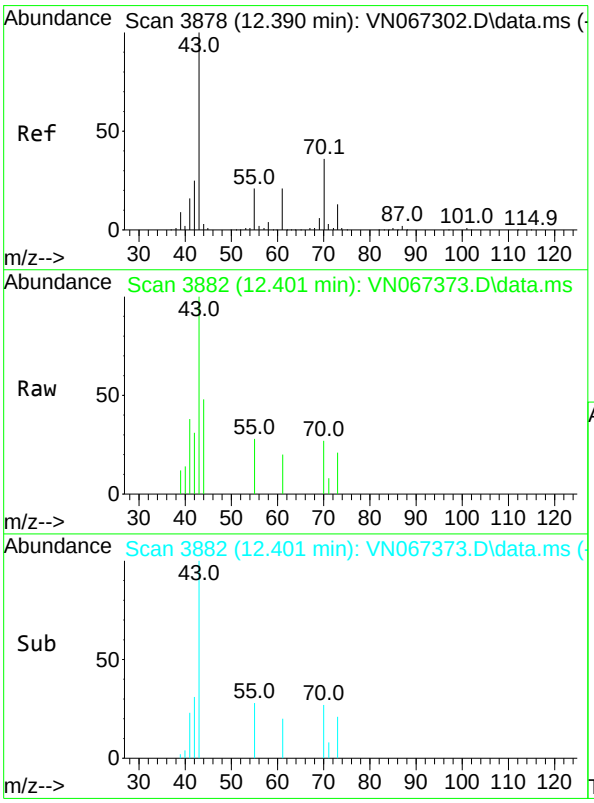


#45
1,4-Dioxane
Concen: 0.271 ug/l
RT: 9.582 min Scan# 2831
Delta R.T. 0.008 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	884.0	18.0	27.0#
58	0.0	57.7	86.5#

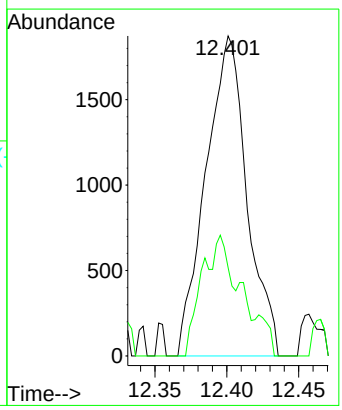




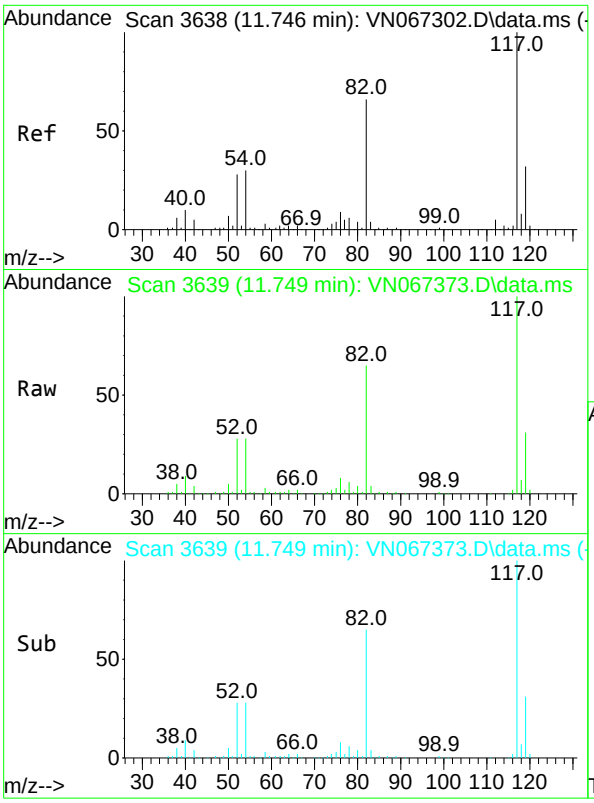
#47
n-amyl Acetate
Concen: 0.310 ug/l
RT: 12.401 min Scan# 3882
Delta R.T. 0.011 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 43 Resp: 3724

Ion	Ratio	Lower	Upper
43	100		
55	14.3	17.6	26.4#



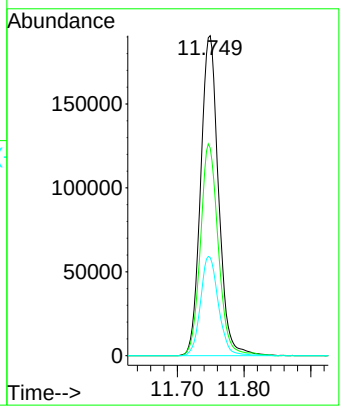
Instrument :
MSVOA_N
ClientSampleId :

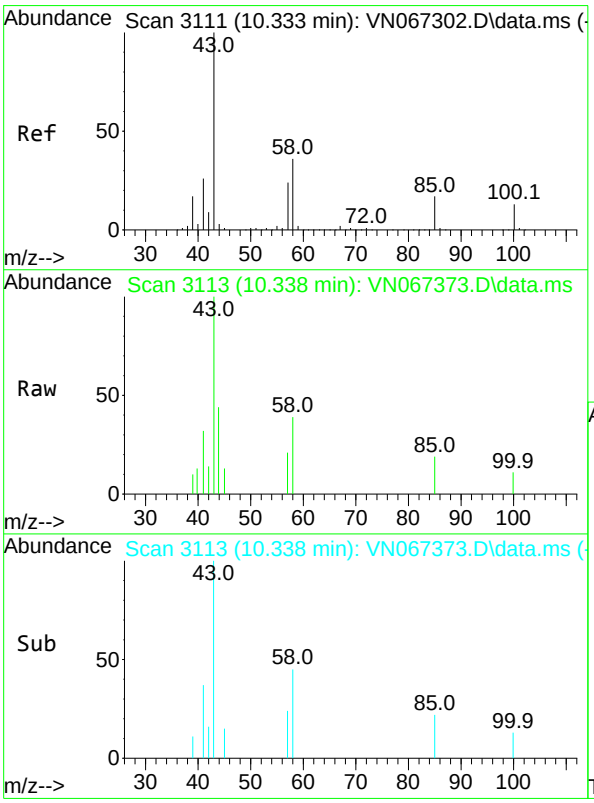


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion:117 Resp: 354804

Ion	Ratio	Lower	Upper
117	100		
82	65.6	52.5	78.7
119	31.0	25.8	38.8

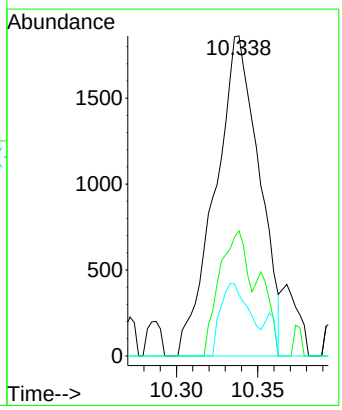




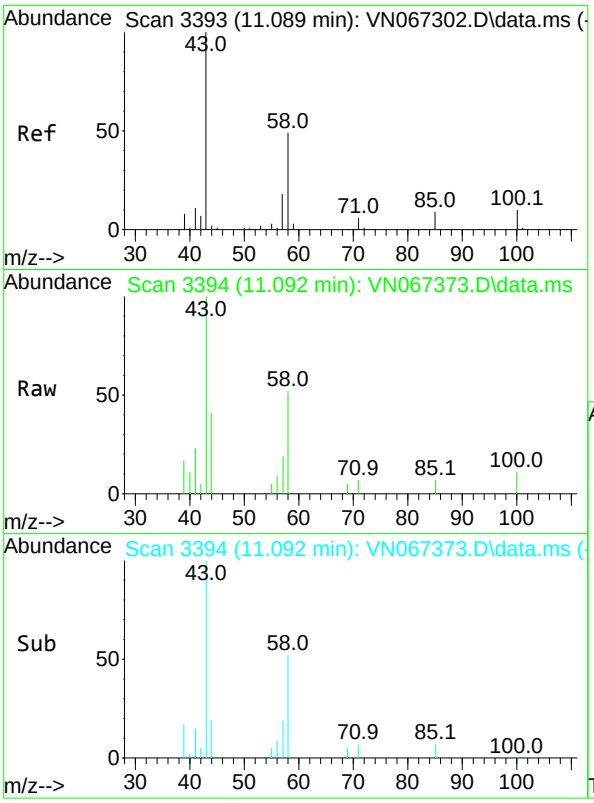
#58
4-Methyl-2-Pentanone
Concen: 0.450 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 43 Resp: 3506

Ion	Ratio	Lower	Upper
43	100		
58	25.4	29.0	43.4#
85	14.9	13.2	19.8



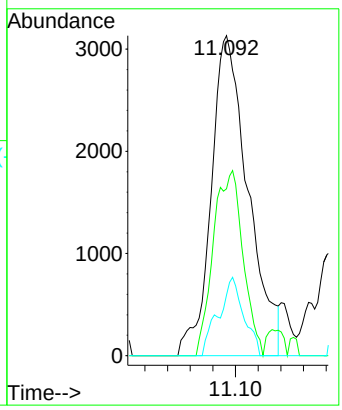
Instrument :
MSVOA_N
ClientSampleId :

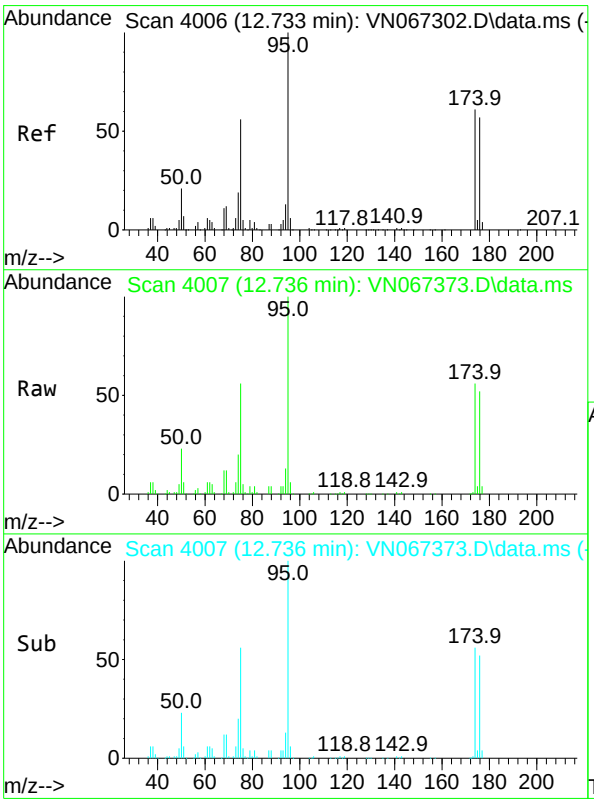


#59
2-Hexanone
Concen: 1.255 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 43 Resp: 7080

Ion	Ratio	Lower	Upper
43	100		
58	19.3	39.4	59.0#
57	12.5	14.4	21.6#

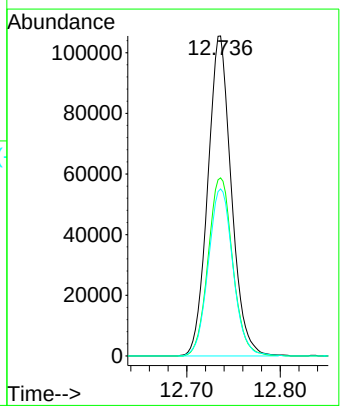




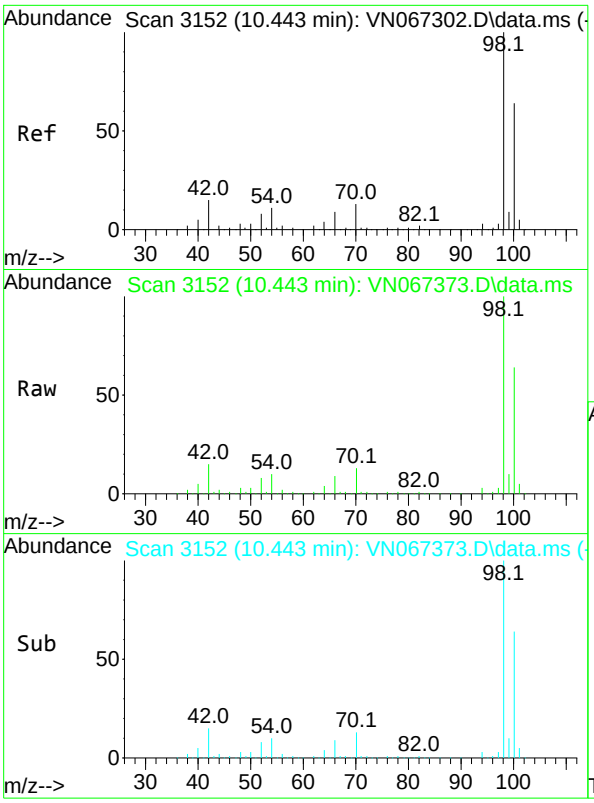
#60
4-Bromofluorobenzene
Concen: 27.032 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 95 Resp: 185168

Ion	Ratio	Lower	Upper
95	100		
174	57.9	47.7	71.5
176	54.7	45.7	68.5



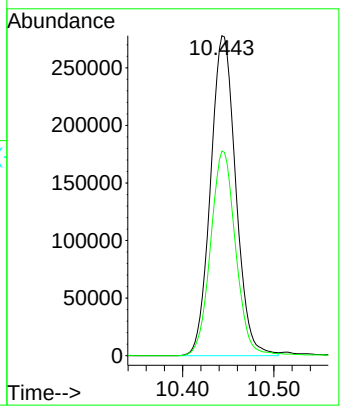
Instrument :
MSVOA_N
ClientSampleId :

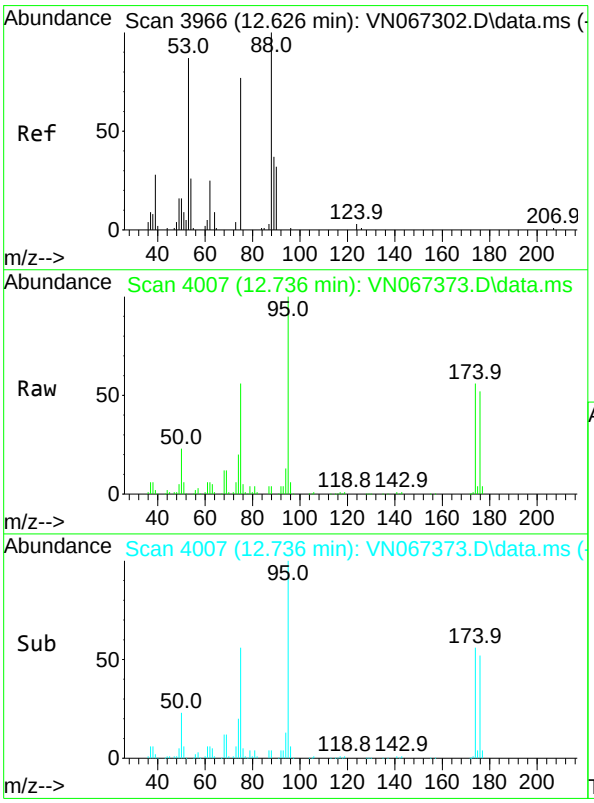


#63
Toluene-d8
Concen: 31.541 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 98 Resp: 533701

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8

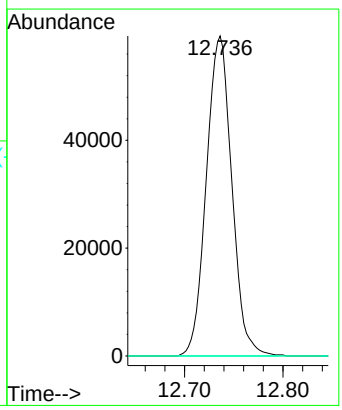




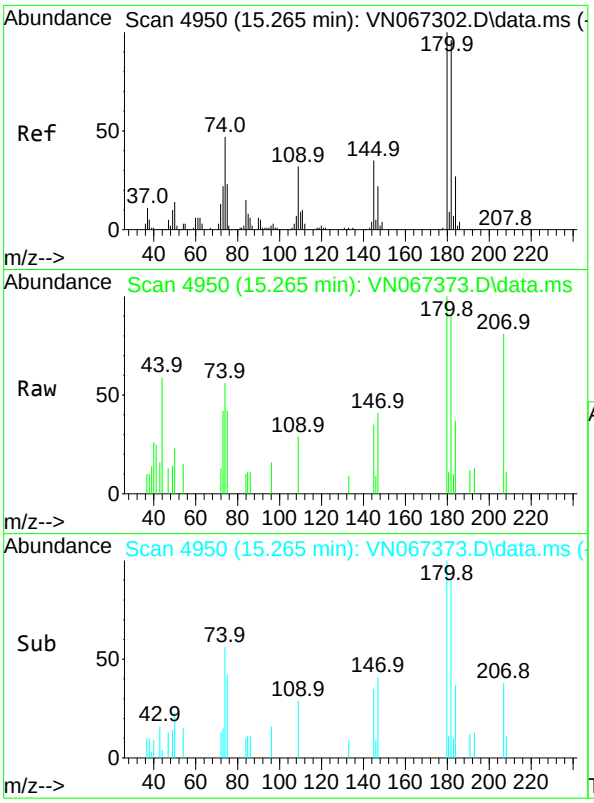
#77
t-1,4-Dichloro-2-butene
Concen: 45.294 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.110 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion: 75 Resp: 106997

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



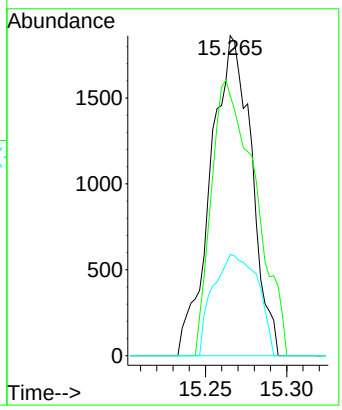
Instrument :
MSVOA_N
ClientSampleId :

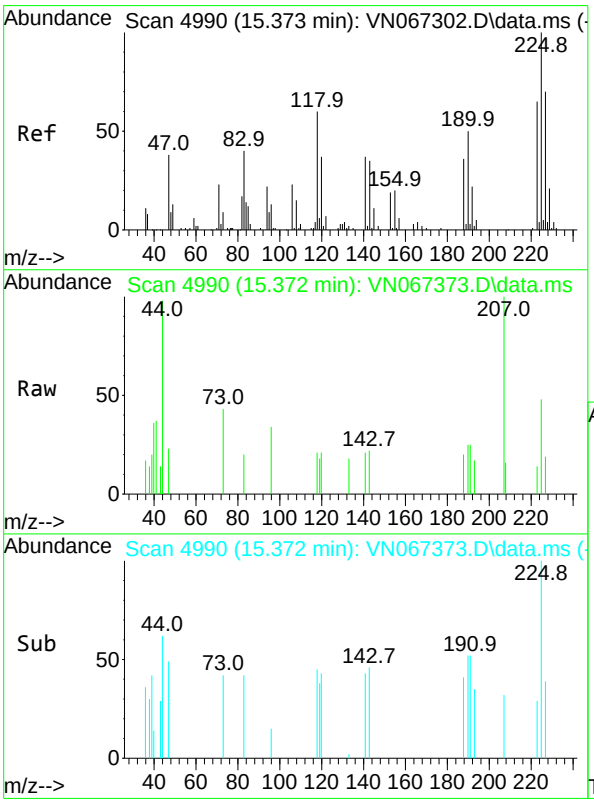


#89
1,2,4-Trichlorobenzene
Concen: 0.781 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion:180 Resp: 3253

Ion	Ratio	Lower	Upper
180	100		
182	92.7	75.9	113.9
145	34.6	28.8	43.2

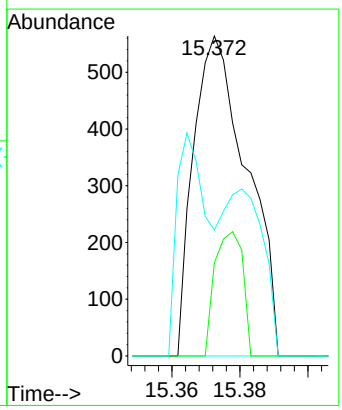




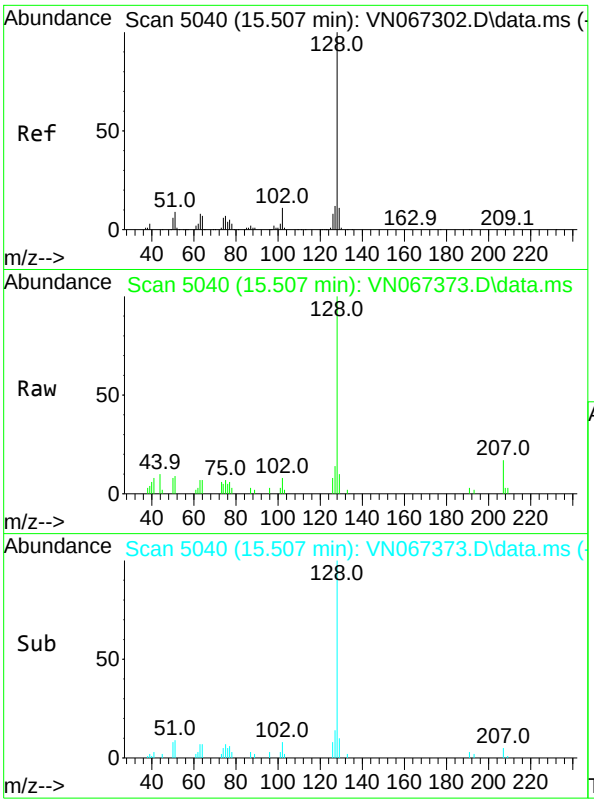
#90
Hexachlorobutadiene
Concen: 0.278 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion:225 Resp: 615

Ion	Ratio	Lower	Upper
225	100		
223	20.3	0.0	129.6
227	39.3	0.0	131.2



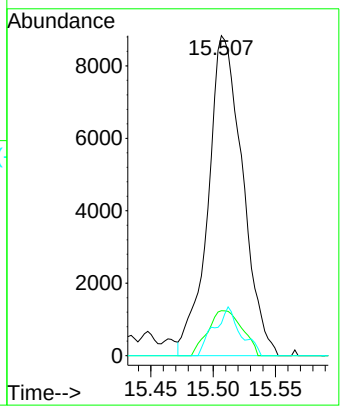
Instrument :
MSVOA_N
ClientSampleId :

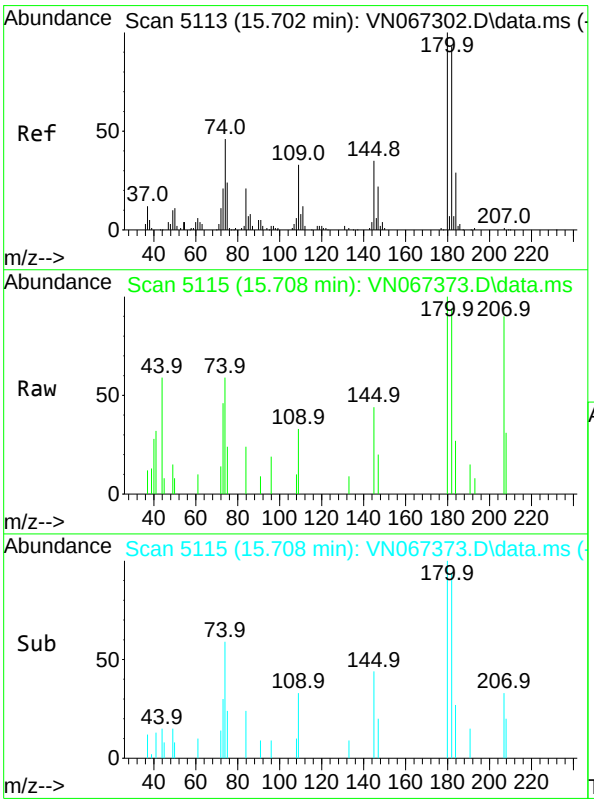


#91
Naphthalene
Concen: 1.217 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion:128 Resp: 17011

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.1	15.1
129	4.4	8.9	13.3#





#92
1,2,3-Trichlorobenzene
Concen: 0.971 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.005 min
Lab File: VN067373.D
Acq: 17 Jun 2021 13:01

Tgt Ion:180 Resp: 3932

Ion	Ratio	Lower	Upper
180	100		
182	102.2	0.0	184.6
145	22.2	0.0	76.0