Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017025.D
Acq On : 22 Jun 2020 18:34
Operator : SY/MD
Sample : L3067-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXG1

Quant Time: Jun 23 04:56:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	192180	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	180411	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	93353	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	64922	5.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.60%			
7) Chloroethane-d5	1.58	69	49592	5.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 118.20%			
11) 1,1-Dichloroethene-d2	2.12	63	91403	4.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.20%			
20) 2-Butanone-d5	3.93	46	133670	45.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.94%			
24) Chloroform-d	4.38	84	132199	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.20%			
26) 1,2-Dichloroethane-d4	5.06	65	71498	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.40%			
32) Benzene-d6	5.08	84	256301	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.60%			
36) 1,2-Dichloropropane-d6	6.09	67	74806	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.80%			
41) Toluene-d8	7.34	98	232217	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
45) trans-1,3-Dichloropropene-	7.64	79	21459	3.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.60%			
48) 2-Hexanone-d5	8.11	63	100856	45.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.72%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	49905	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	93738	5.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.60%			
Target Compounds						Qvalue
8) Chloroethane	1.38	64	288024	41.327	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	932	0.092	ug/L #	27
12) 1,1-Dichloroethene	2.13	96	1001	0.109	ug/L #	1
14) Carbon disulfide	2.31	76	4630	0.168	ug/L #	89
15) Methyl Acetate	2.46	43	1830	0.504	ug/L #	54
19) 1,1-Dichloroethane	3.21	63	18353	0.836	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	5842	0.437	ug/L #	86
29) 1,1,1-Trichloroethane	4.63	97	1972	0.091	ug/L #	74
30) Cyclohexane	4.70	56	7576	0.368	ug/L	96
33) Benzene	5.13	78	44899	0.950	ug/L	100
35) Methylcyclohexane	6.09	83	18516	0.861	ug/L #	33
37) 1,2-Dichloropropane	6.10	63	8927	0.763	ug/L #	84
38) Bromodichloromethane	6.34	83	554166	34.882	ug/L #	32
40) 4-Methyl-2-pentanone	7.16	43	7496818	1110.172	ug/L #	48
43) 1,3,5-Trimethylbenzene	10.94	105	1591	0.032	ug/L	94
46) trans-1,3-Dichloropropene	7.65	75	1086	0.072	ug/L	98
54) Ethylbenzene	9.03	91	22281	0.380	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017025.D
Acq On : 22 Jun 2020 18:34
Operator : SY/MD
Sample : L3067-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXG1

Quant Time: Jun 23 04:56:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) m,p-xylene	9.16	106	1902	0.083	ug/L		91
58) Isopropylbenzene	9.95	105	34455	0.583	ug/L		97
60) 1,1,2,2-Tetrachloroethane	10.27	83	5297	0.617	ug/L	#	38
70) Naphthalene	13.52	128	6259	0.238	ug/L	#	48

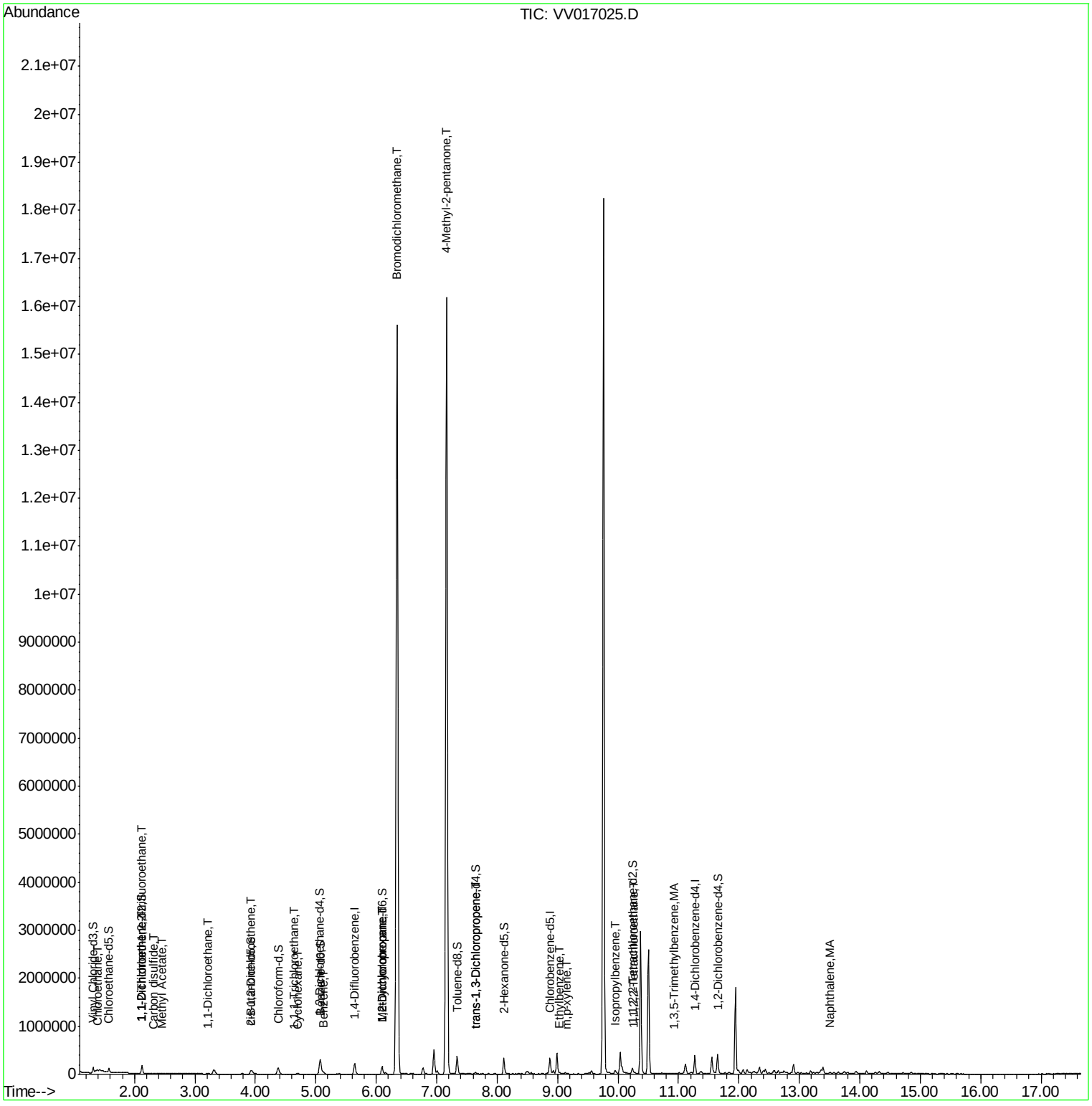
(#) = qualifier out of range (m) = manual integration (+) = signals summed

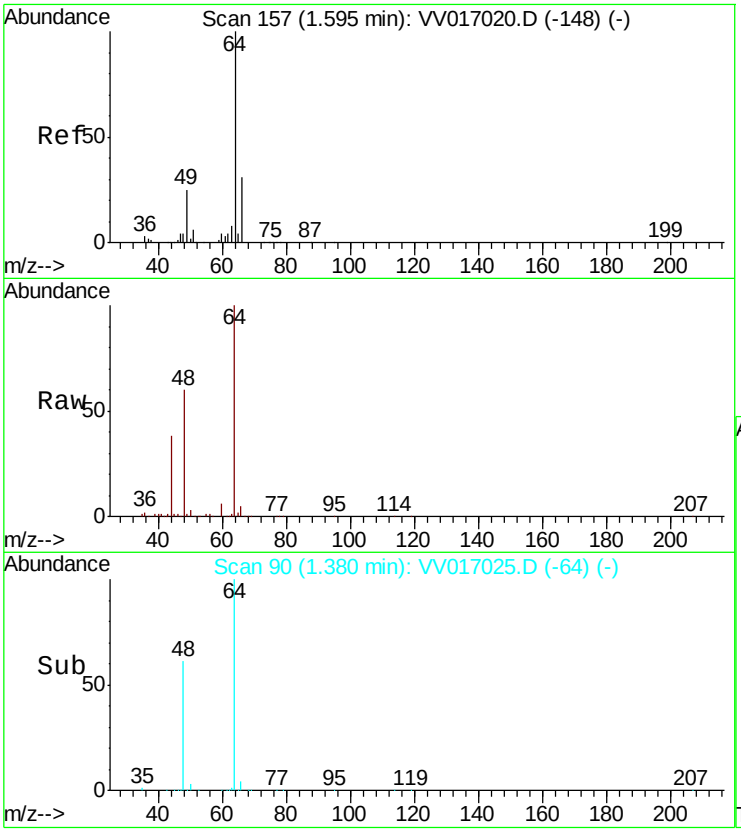
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017025.D
Acq On : 22 Jun 2020 18:34
Operator : SY/MD
Sample : L3067-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXG1

Quant Time: Jun 23 04:56:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration



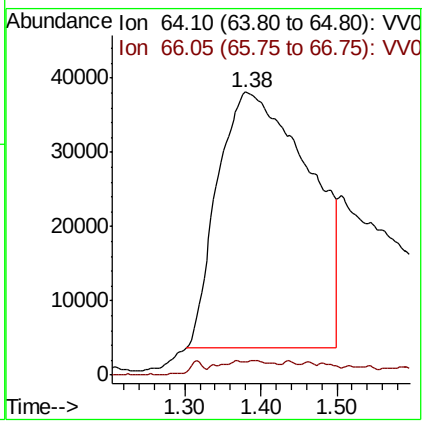


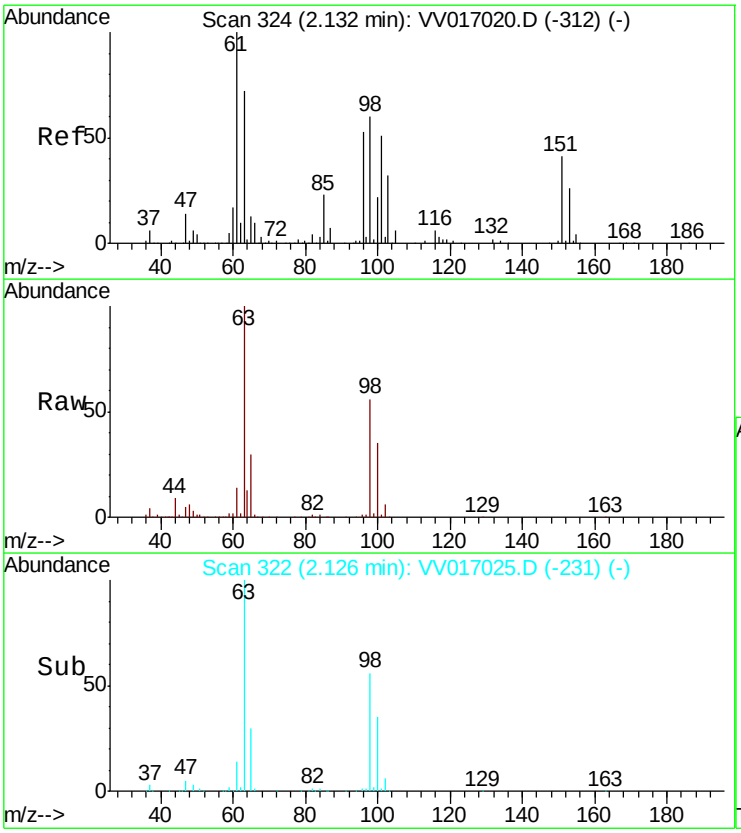
#8
Chloroethane
Concen: 41.327 ug/L
RT: 1.38 min Scan# 90
Delta R.T. -0.22 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :
BFXG1

Tgt Ion: 64 Resp: 288024

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.8	42.4#

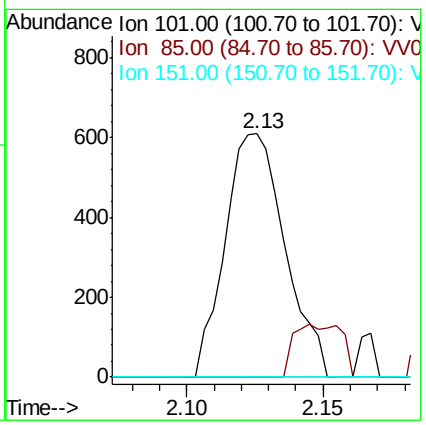


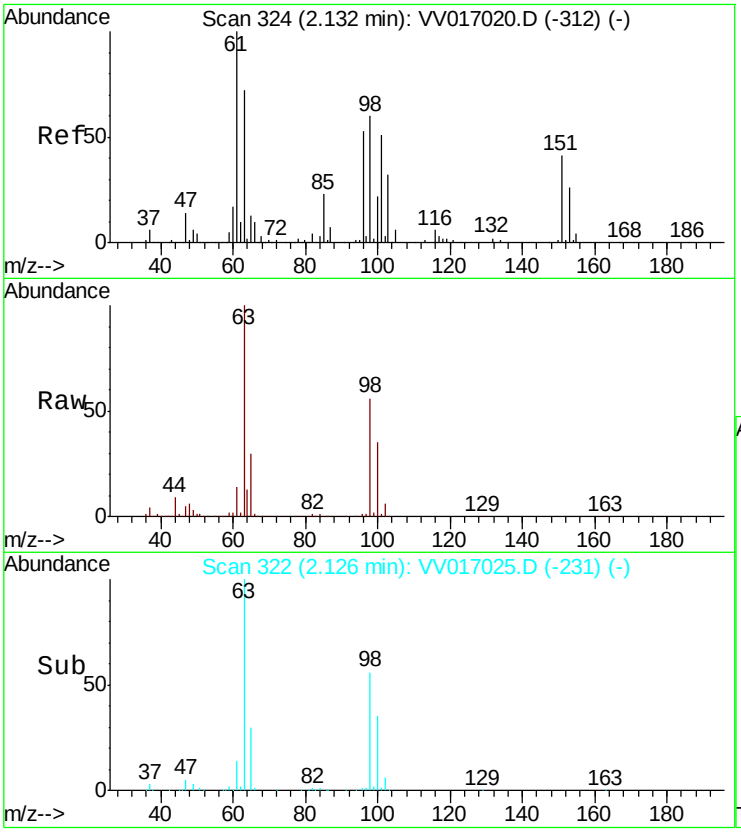


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.092 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion:101 Resp: 932

Ion	Ratio	Lower	Upper
101	100		
85	17.4	35.4	53.2#
151	0.0	63.9	95.9#



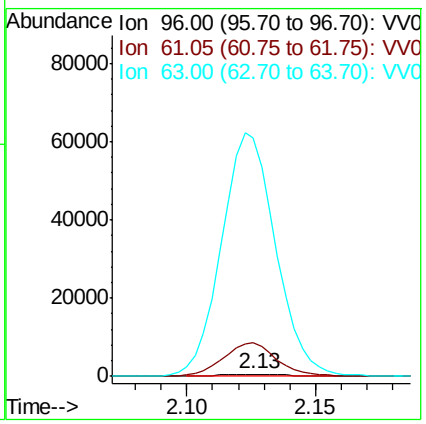


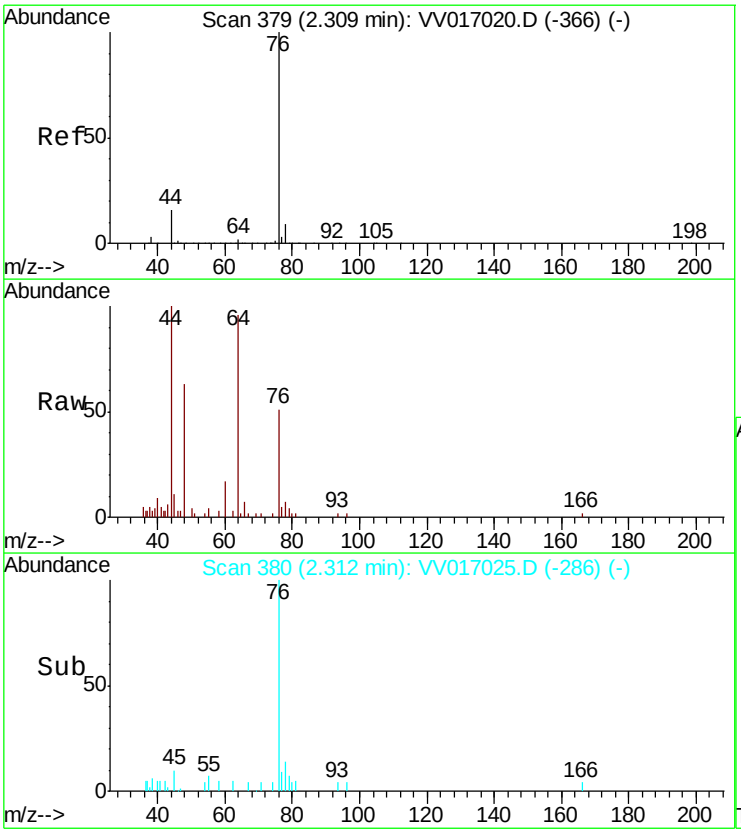
#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument : MSVOA_V
ClientSampleId : BFXG1

Tgt Ion: 96 Resp: 1001

Ion	Ratio	Lower	Upper
96	100		
61	1600.7	125.0	232.2#
63	11292.0	109.8	203.8#

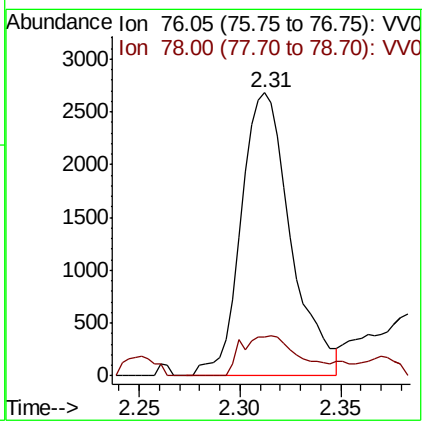


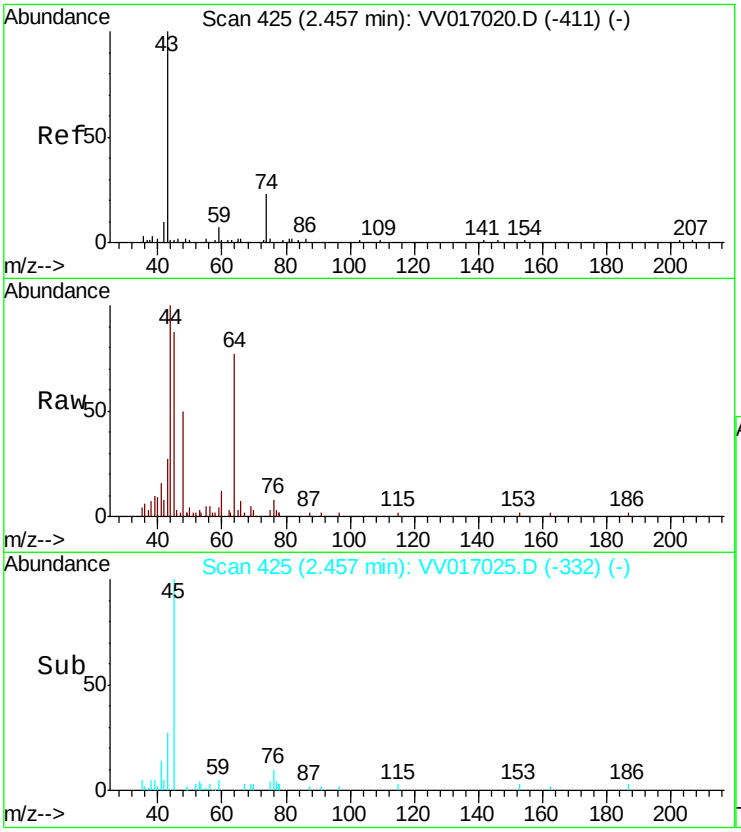


#14
Carbon disulfide
Concen: 0.168 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion: 76 Resp: 4630

Ion	Ratio	Lower	Upper
76	100		
78	13.7	7.7	11.5#



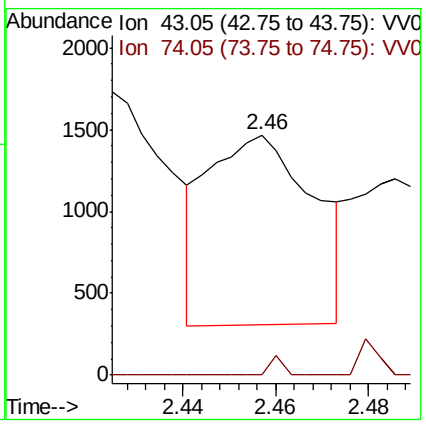


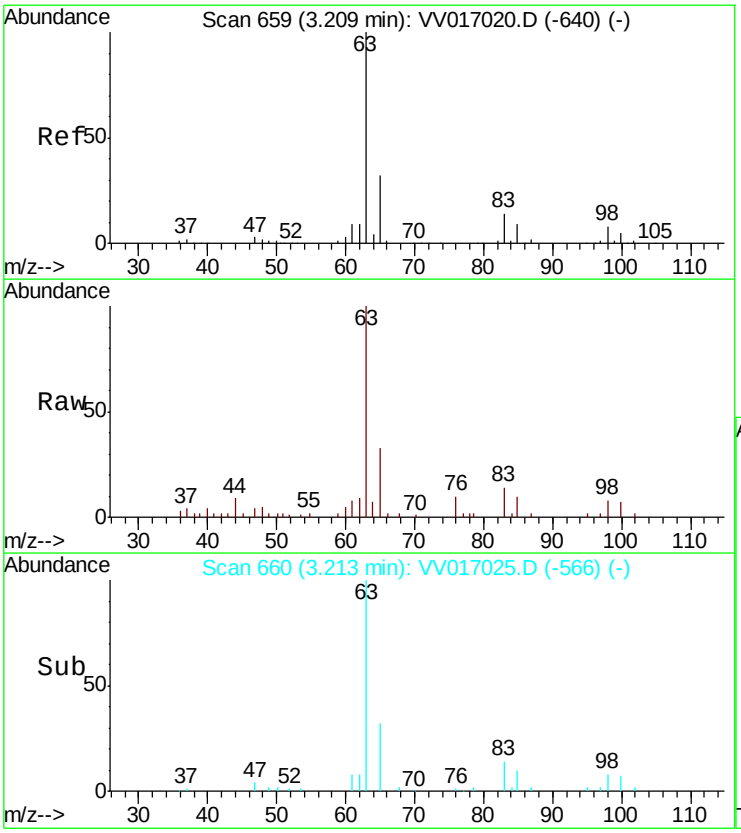
#15
Methyl Acetate
Concen: 0.504 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument : MSVOA_V
ClientSampleId : BFXG1

Tgt Ion: 43 Resp: 1830

Ion	Ratio	Lower	Upper
43	100		
74	1.3	19.1	28.7#

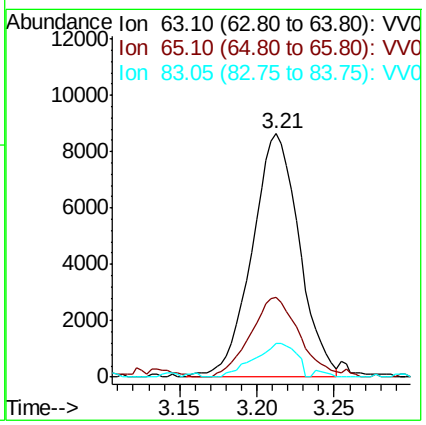


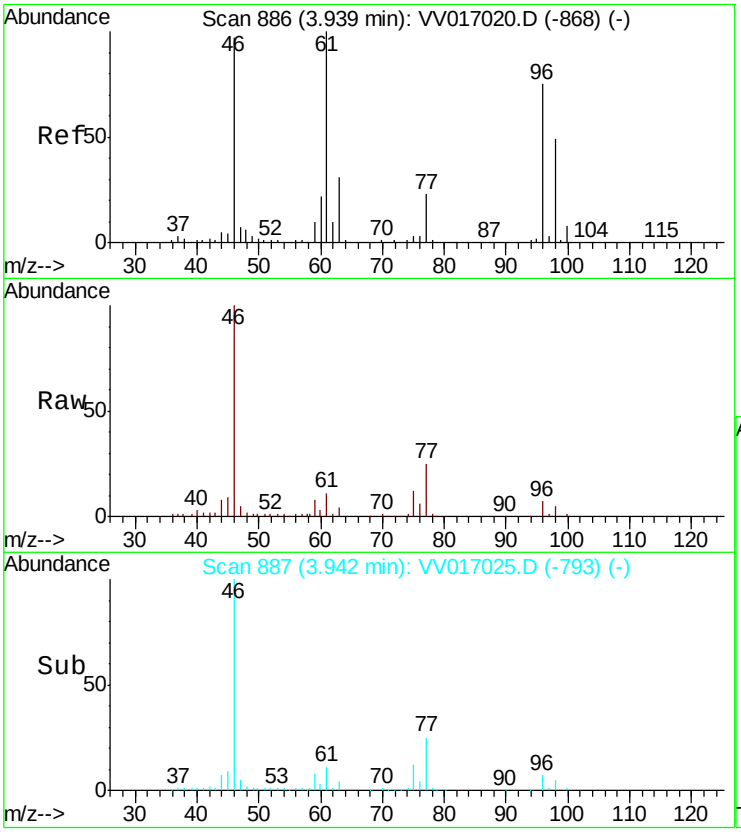


#19
1,1-Dichloroethane
Concen: 0.836 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion: 63 Resp: 18353

Ion	Ratio	Lower	Upper
63	100		
65	33.0	21.8	40.4
83	13.6	9.7	17.9



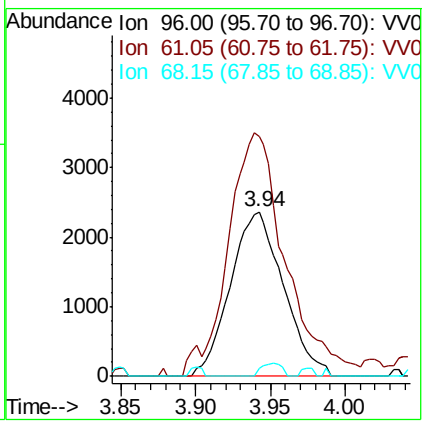


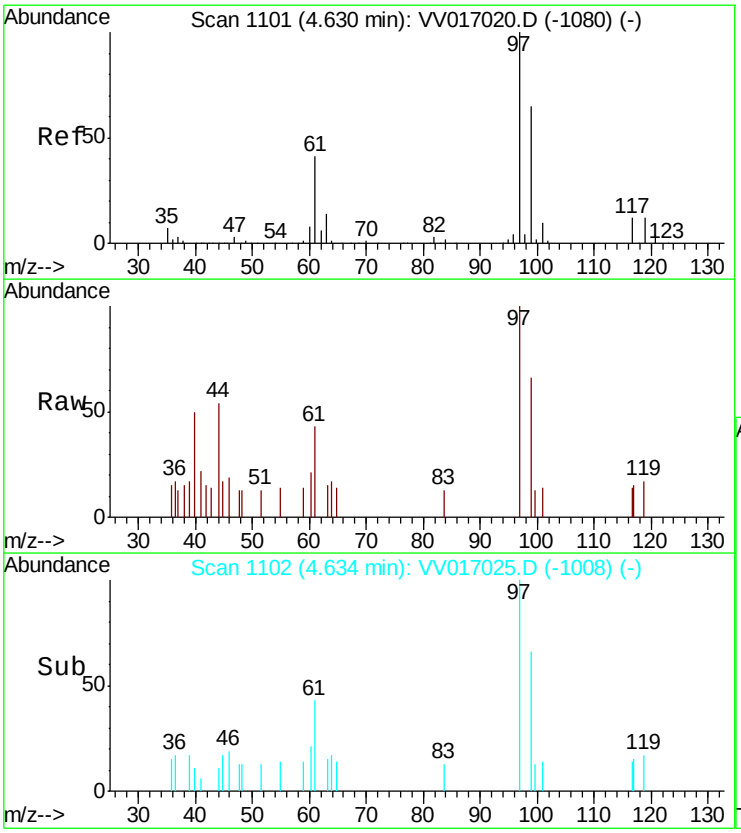
#22
cis-1,2-Dichloroethene
Concen: 0.437 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :
BFXG1

Tgt Ion: 96 Resp: 5842

Ion	Ratio	Lower	Upper
96	100		
61	145.8	91.0	169.0
68	5.1	0.0	0.0#

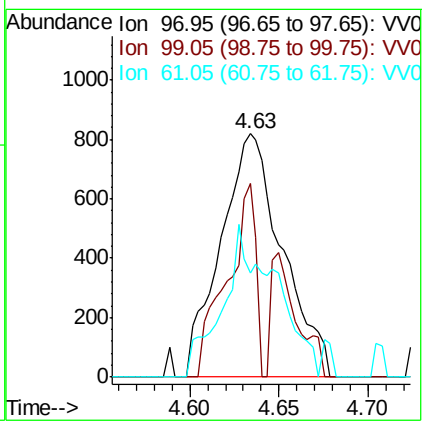


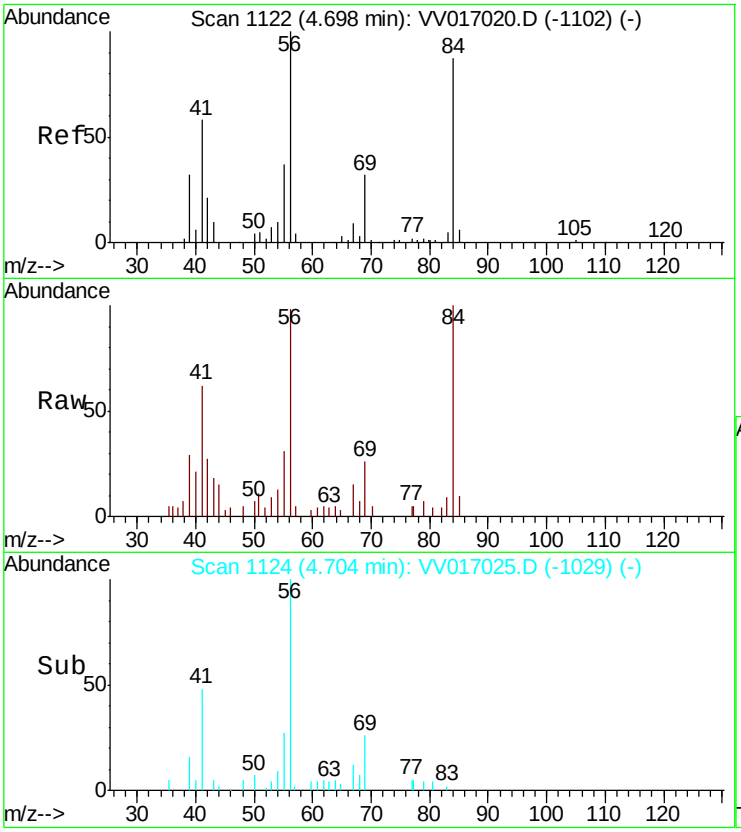


#29
1,1,1-Trichloroethane
Concen: 0.091 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion: 97 Resp: 1972

Ion	Ratio	Lower	Upper
97	100		
99	36.6	50.3	75.5#
61	54.2	36.0	54.0#



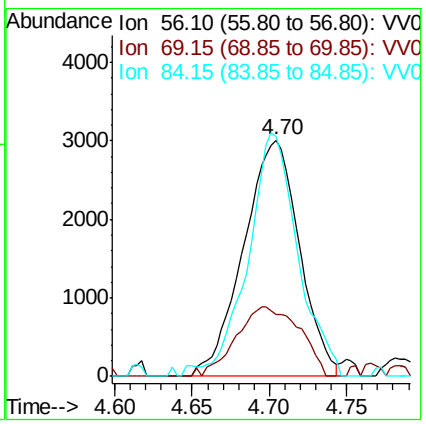


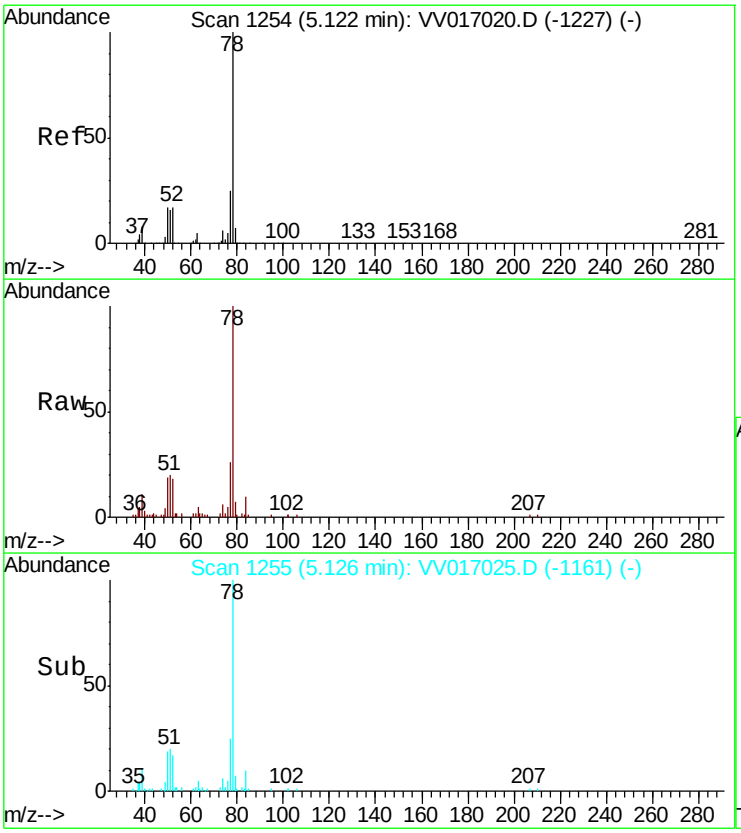
#30
Cyclohexane
Concen: 0.368 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument : MSVOA_V
ClientSampleId : BFXG1

Tgt Ion: 56 Resp: 7576

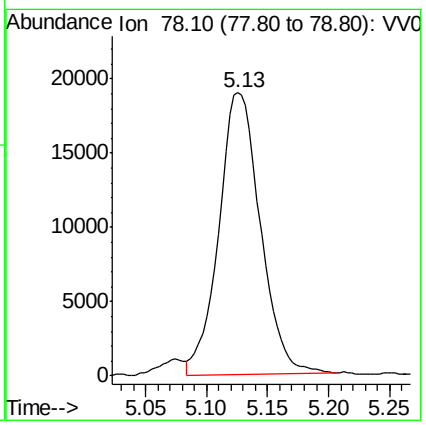
Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.4	36.6
84	91.2	69.9	104.9

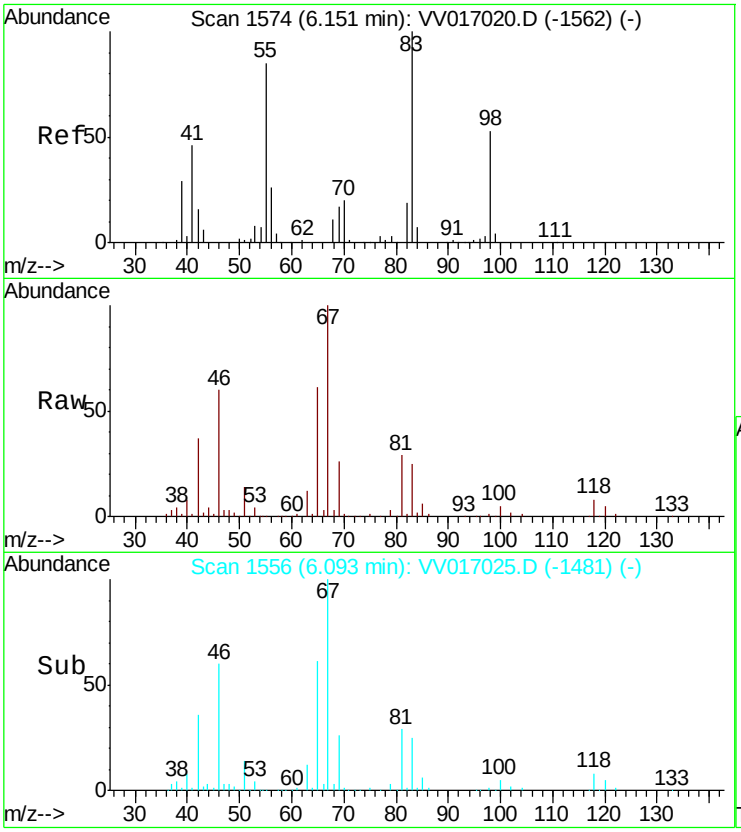




#33
Benzene
Concen: 0.950 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion: 78 Resp: 44899



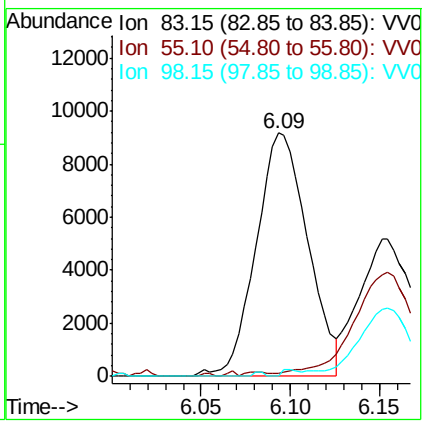


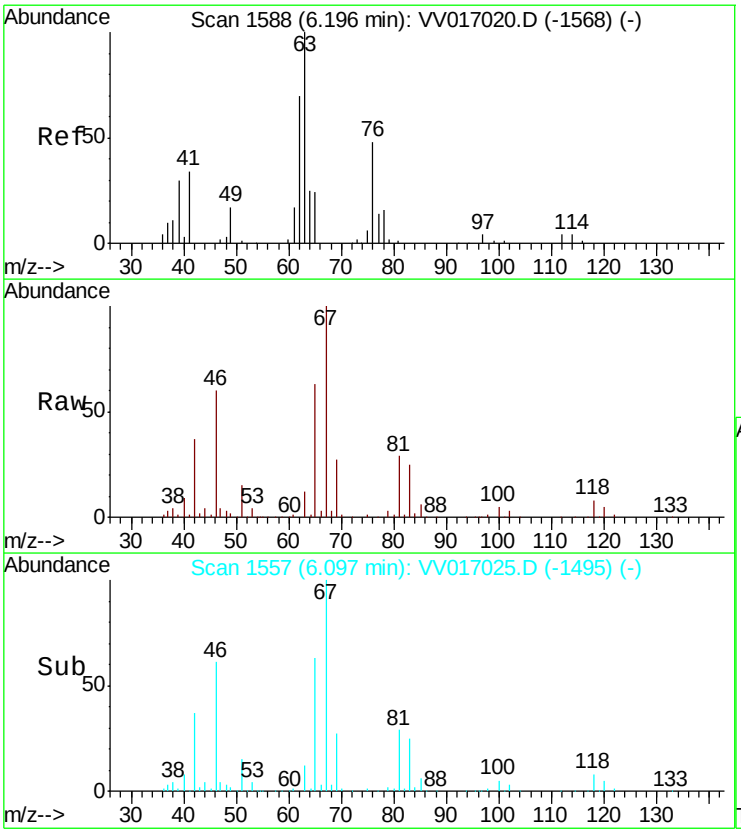
#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :
BFXG1

Tgt Ion: 83 Resp: 18516

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.6	95.4#
98	29.5	38.8	58.2#

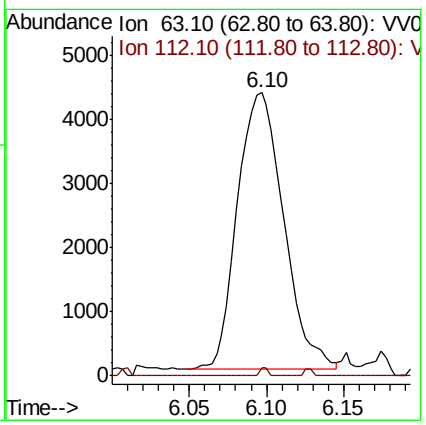


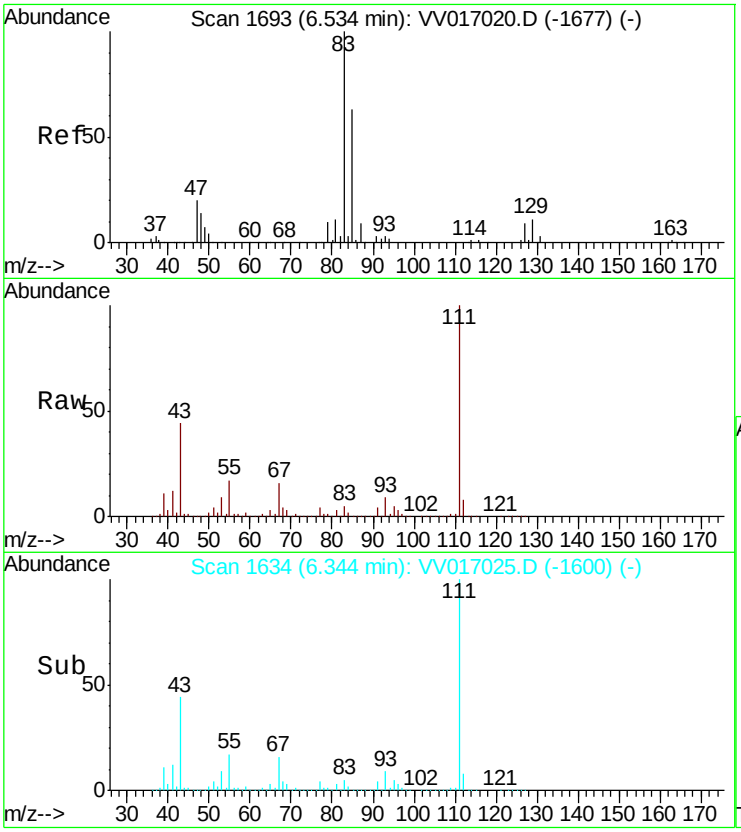


#37
1,2-Dichloropropane
Concen: 0.763 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion: 63 Resp: 8927

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#



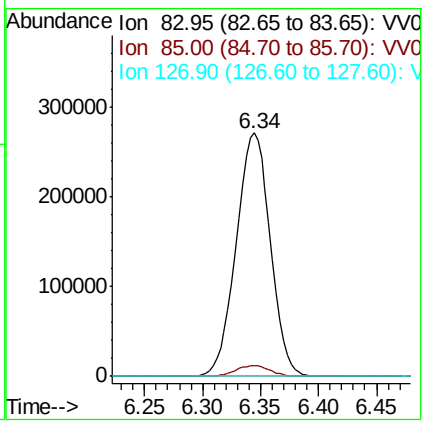


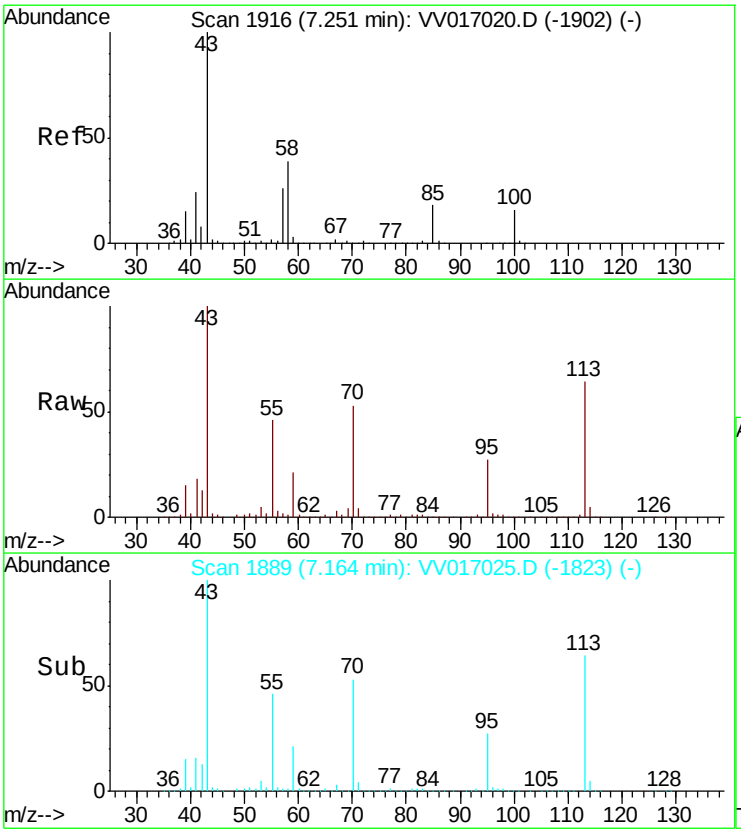
#38
Bromodichloromethane
Concen: 34.882 ug/L
RT: 6.34 min Scan# 1634
Delta R.T. -0.19 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :
BFXG1

Tgt Ion: 83 Resp: 554166

Ion	Ratio	Lower	Upper
83	100		
85	4.3	43.4	80.6#
127	0.2	7.9	11.9#

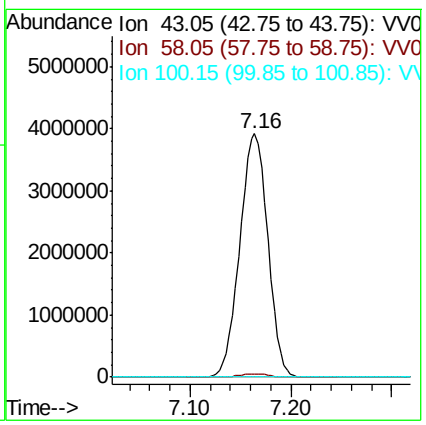


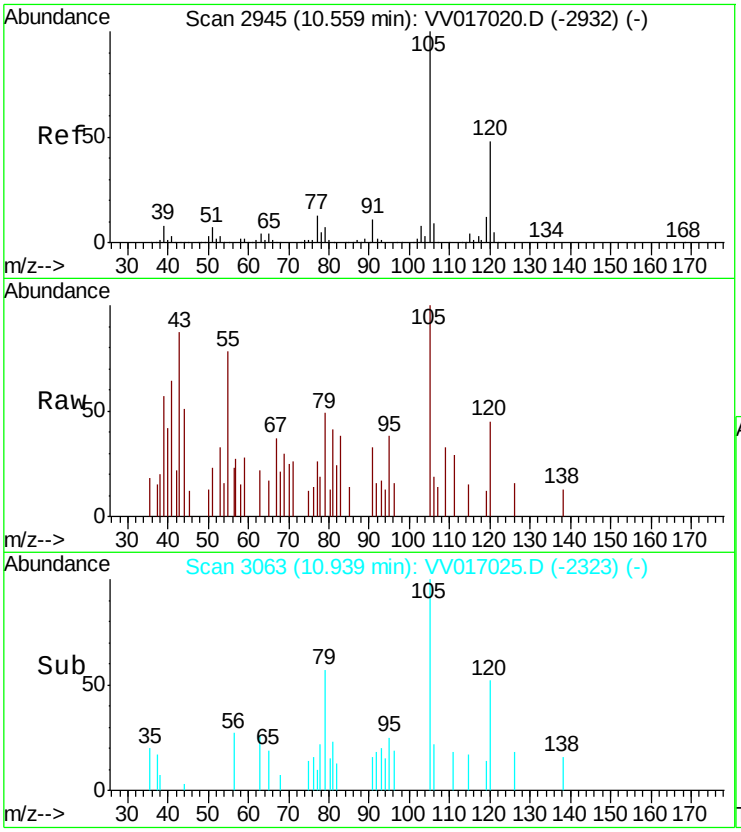


#40
4-Methyl-2-pentanone
Concen: 1110.172 ug/L
RT: 7.16 min Scan# 1889
Delta R.T. -0.09 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion: 43 Resp: 7496818

Ion	Ratio	Lower	Upper
43	100		
58	1.5	30.4	45.6#
100	2.0	12.7	19.1#



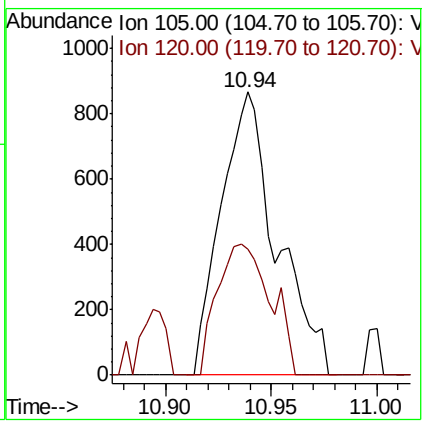


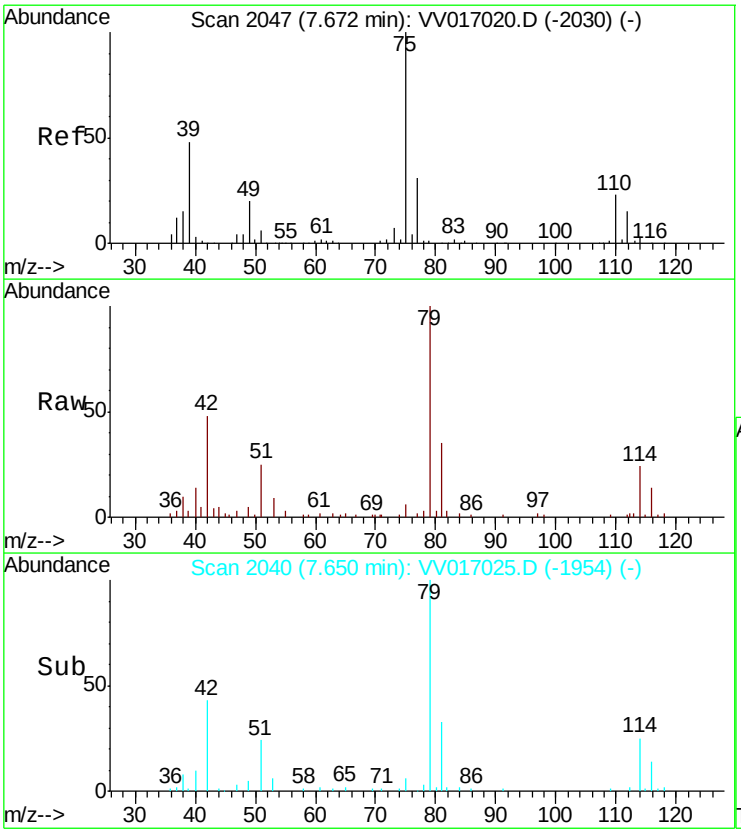
#43
1,3,5-Trimethylbenzene
Concen: 0.032 ug/L
RT: 10.94 min Scan# 3063
Delta R.T. 0.38 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :
BFXG1

Tgt Ion:105 Resp: 1591

Ion	Ratio	Lower	Upper
105	100		
120	44.1	38.6	57.8

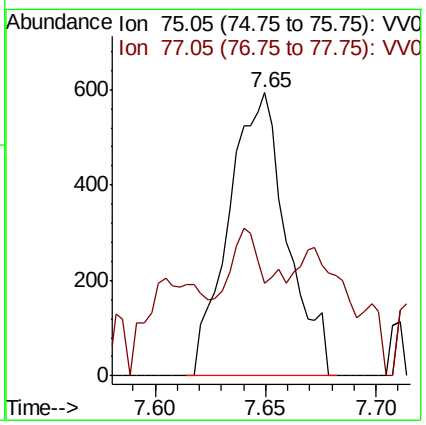


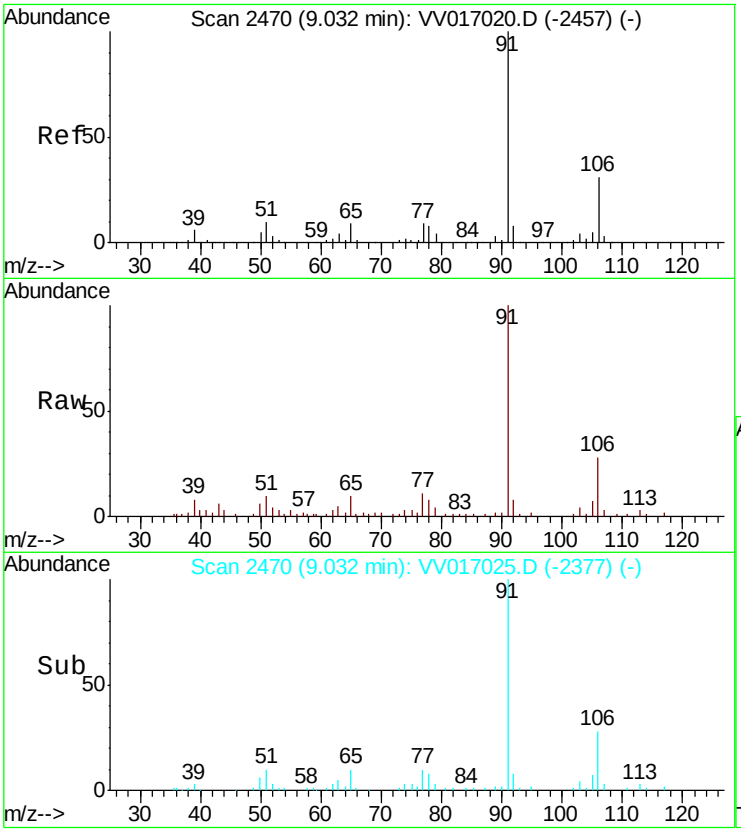


#46
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion: 75 Resp: 1086

Ion	Ratio	Lower	Upper
75	100		
77	32.7	22.3	41.3



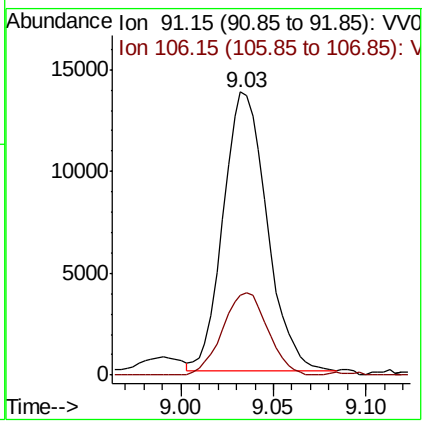


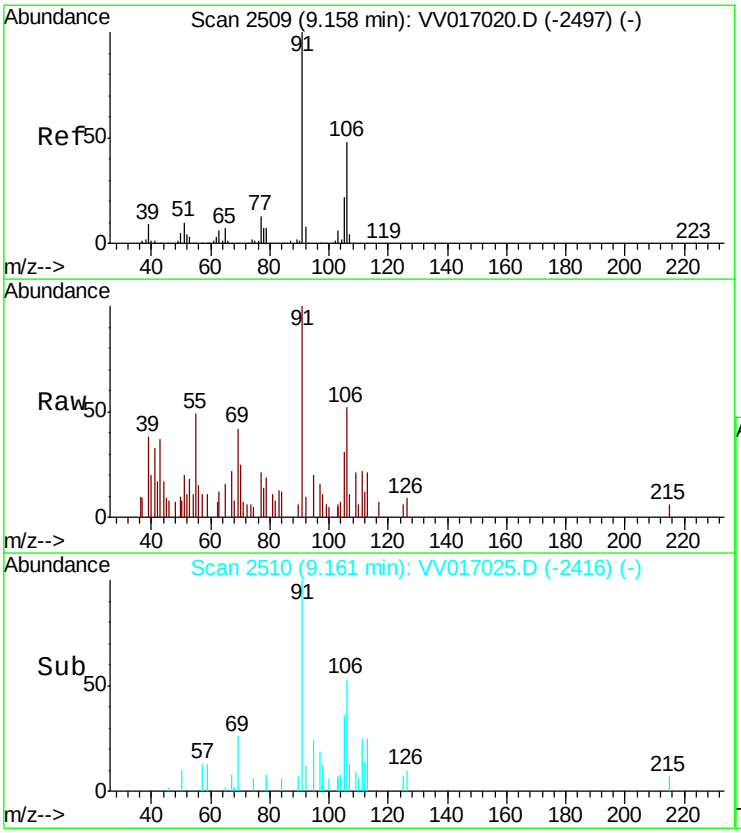
#54
Ethylbenzene
Concen: 0.380 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument : MSVOA_V
ClientSampleId : BFXG1

Tgt Ion: 91 Resp: 22281

Ion	Ratio	Lower	Upper
91	100		
106	28.0	21.1	39.1

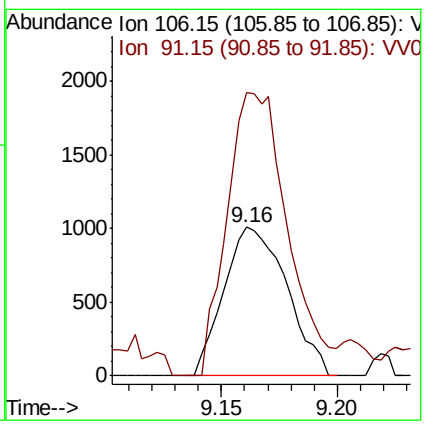


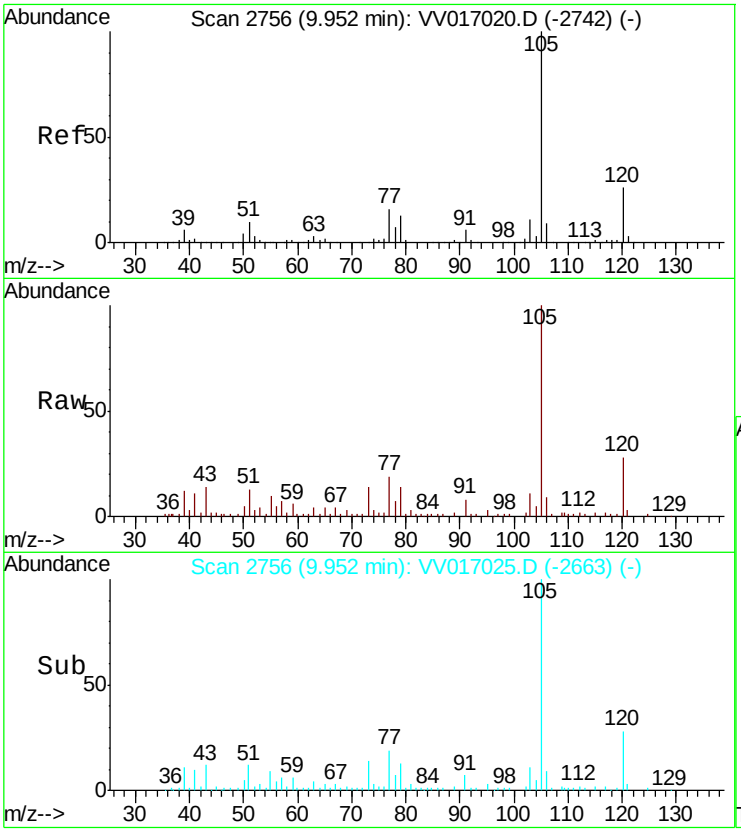


#55
m,p-xylene
Concen: 0.083 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion:106 Resp: 1902

Ion	Ratio	Lower	Upper
106	100		
91	190.8	142.7	264.9



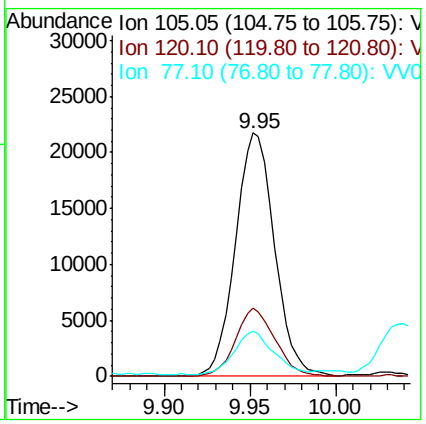


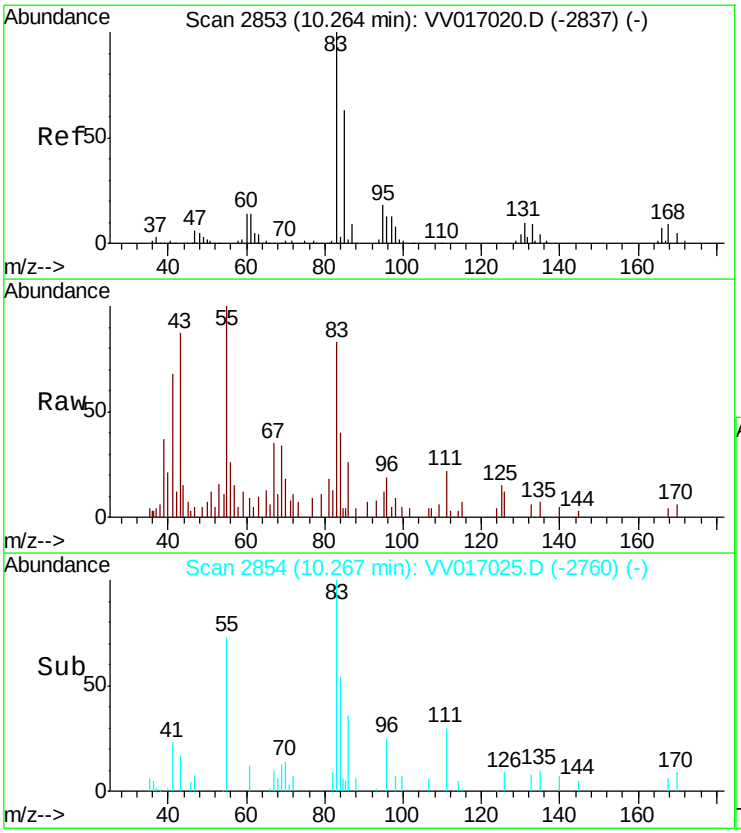
#58
Isopropylbenzene
Concen: 0.583 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument : MSVOA_V
ClientSampleId : BFXG1

Tgt Ion:105 Resp: 34455

Ion	Ratio	Lower	Upper
105	100		
120	28.1	21.2	31.8
77	17.7	13.0	19.4

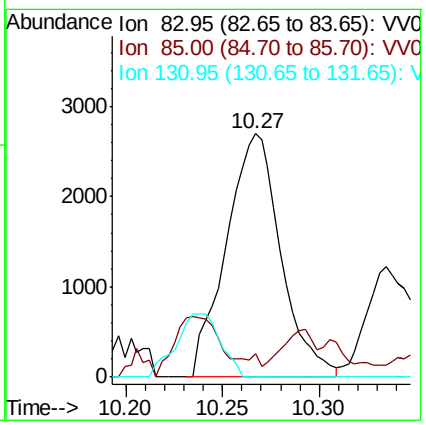


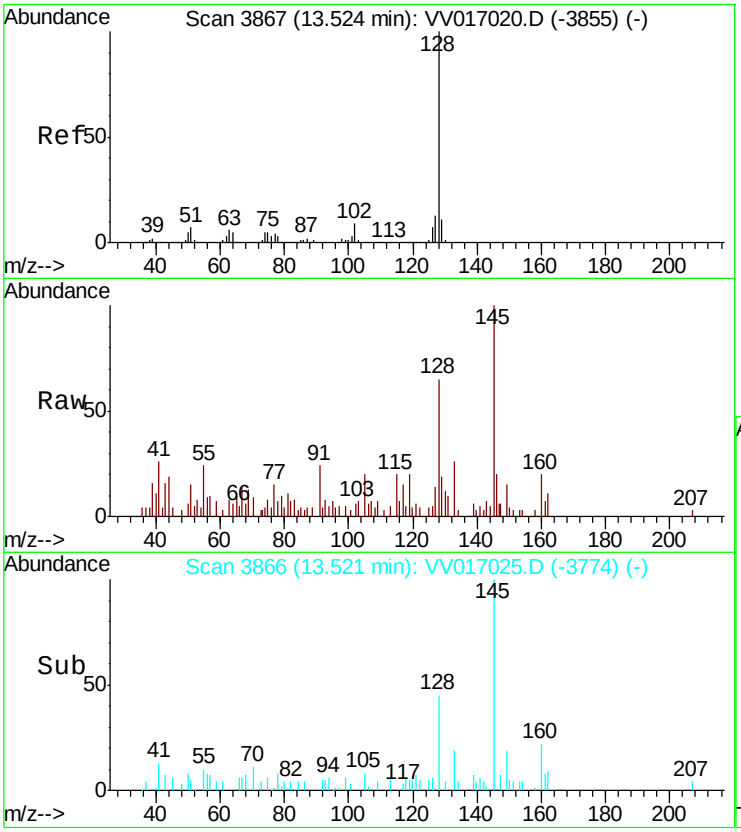


#60
1,1,2,2-Tetrachloroethane
Concen: 0.617 ug/L
RT: 10.27 min Scan# 2854
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion: 83 Resp: 5297

Ion	Ratio	Lower	Upper
83	100		
85	9.6	42.9	79.7#
131	0.0	8.6	13.0#





#70
Naphthalene
Concen: 0.238 ug/L
RT: 13.52 min Scan# 3866
Delta R.T. -0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :
BFXG1

Tgt Ion:128 Resp: 6259

Ion	Ratio	Lower	Upper
128	100		
129	42.2	8.8	13.2#
127	23.8	10.5	15.7#