Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017048.D
Acq On : 23 Jun 2020 12:11
Operator : SY/MD
Sample : L3067-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXG5

Quant Time: Jun 24 05:04:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	189769	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	180820	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91217	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	47771	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.58	69	39836	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.12	63	75171	3.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.40%			
20) 2-Butanone-d5	3.94	46	123983	42.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.42%			
24) Chloroform-d	4.37	84	117808	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.06	65	64988	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.07	84	233460	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.10	67	69813	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.34	98	216155	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
45) trans-1,3-Dichloropropene-	7.64	79	25468	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
48) 2-Hexanone-d5	8.11	63	81891	36.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.48%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45486	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	84341	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	18736	2.722	ug/L	83
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	785	0.078	ug/L #	29
12) 1,1-Dichloroethene	2.12	96	867	0.095	ug/L #	1
13) Acetone	2.20	43	1629	1.110	ug/L	92
14) Carbon disulfide	2.32	76	1609	0.059	ug/L #	53
18) trans-1,2-Dichloroethene	2.78	96	6246	0.647	ug/L	95
19) 1,1-Dichloroethane	3.21	63	5455	0.252	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	31911	2.418	ug/L	99
25) Chloroform	4.41	83	4799	0.203	ug/L	89
27) 1,2-Dichloroethane	5.12	62	4682	0.318	ug/L #	76
33) Benzene	5.12	78	322309	6.806	ug/L	100
35) Methylcyclohexane	6.09	83	18179	0.843	ug/L #	17
37) 1,2-Dichloropropane	6.21	63	1414	0.121	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	2258	0.130	ug/L #	50
40) 4-Methyl-2-pentanone	7.16	43	12409	1.833	ug/L #	47
42) Toluene	7.42	91	6203	0.113	ug/L	92
46) trans-1,3-Dichloropropene	7.65	75	1348	0.089	ug/L #	45

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017048.D
Acq On : 23 Jun 2020 12:11
Operator : SY/MD
Sample : L3067-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXG5

Quant Time: Jun 24 05:04:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2-Hexanone	8.17	43	7963	1.653	ug/L #	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017048.D
Acq On : 23 Jun 2020 12:11
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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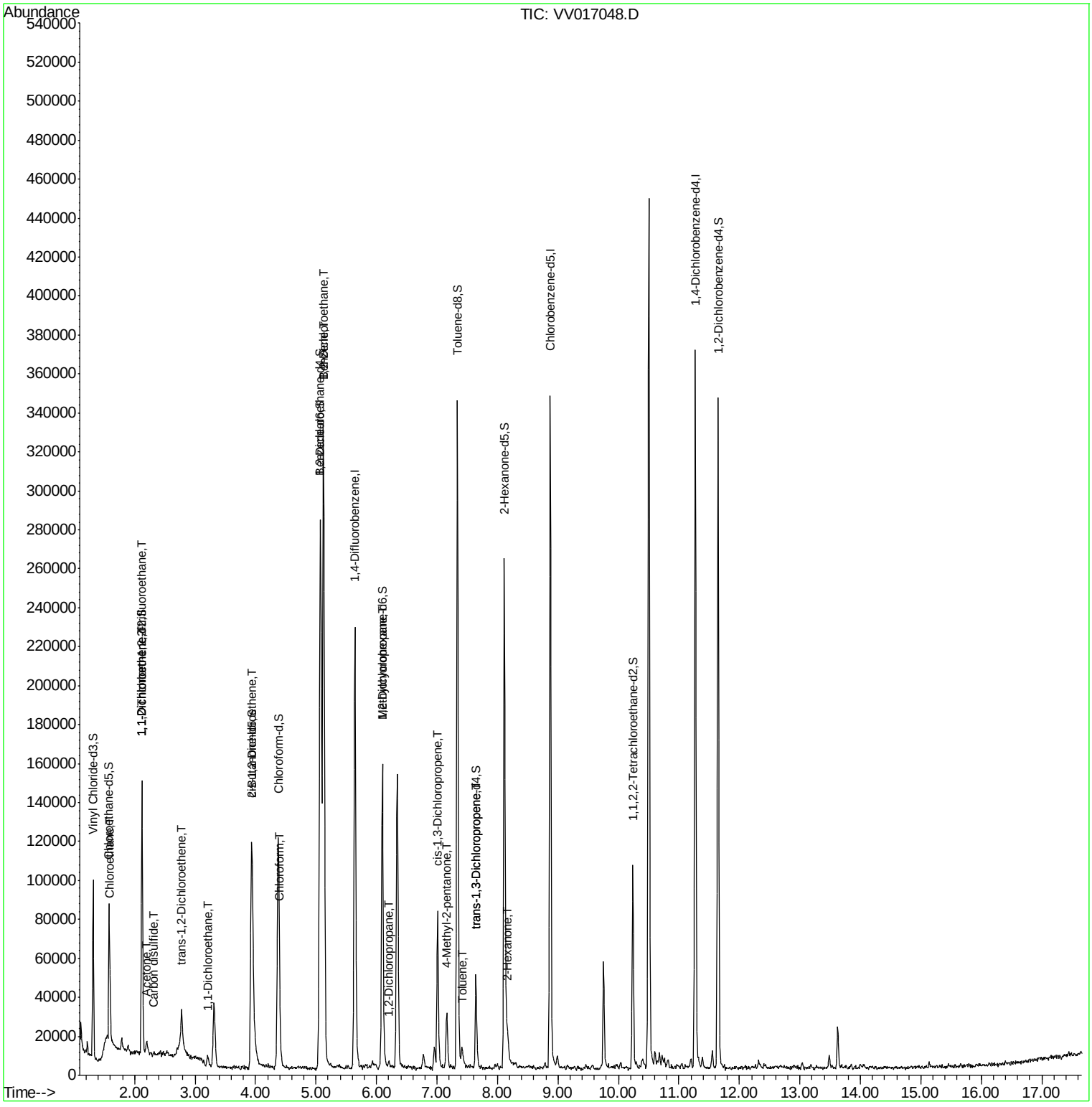
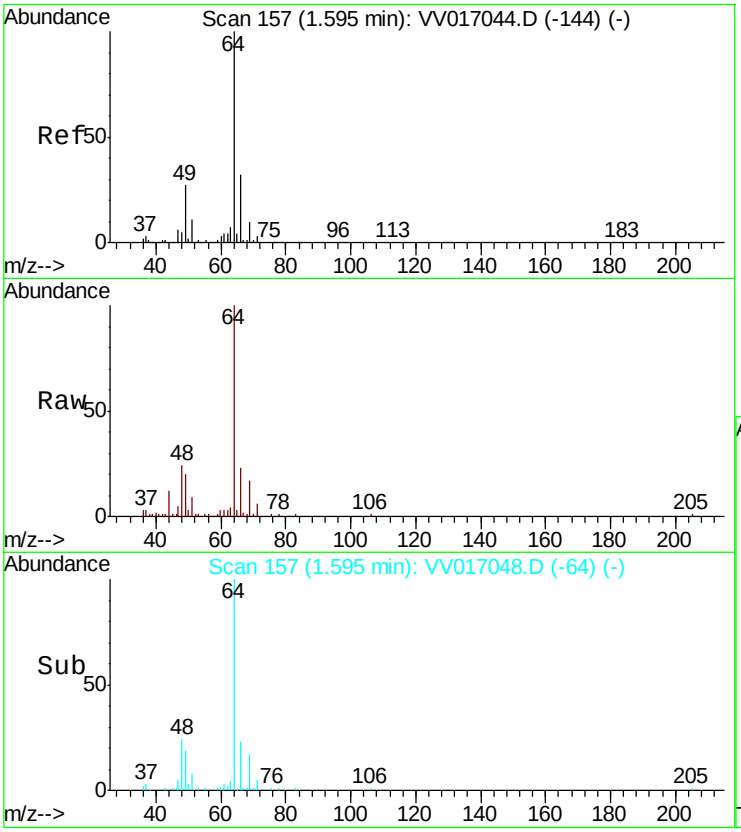
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration



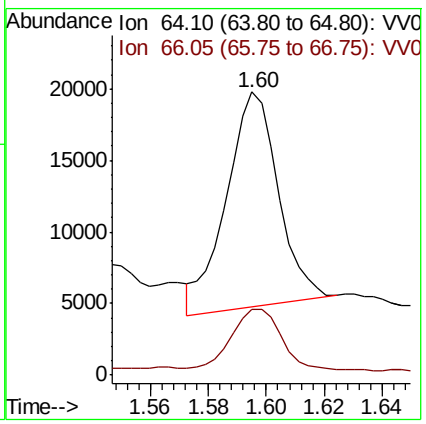


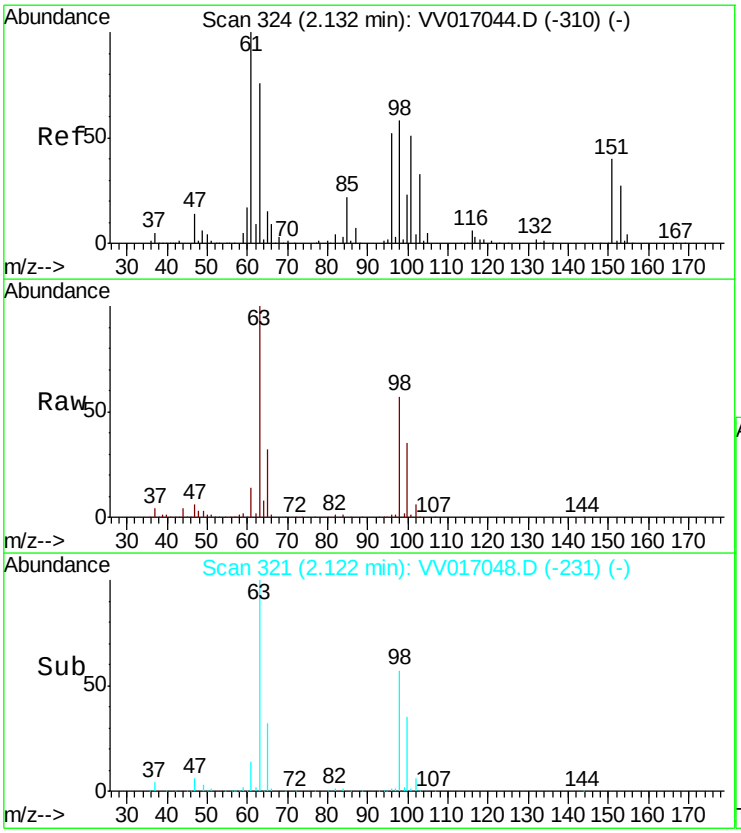
#8
Chloroethane
Concen: 2.722 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Instrument : MSVOA_V
ClientSampleId : BFXG5

Tgt Ion: 64 Resp: 18736

Ion	Ratio	Lower	Upper
64	100		
66	23.0	22.8	42.4

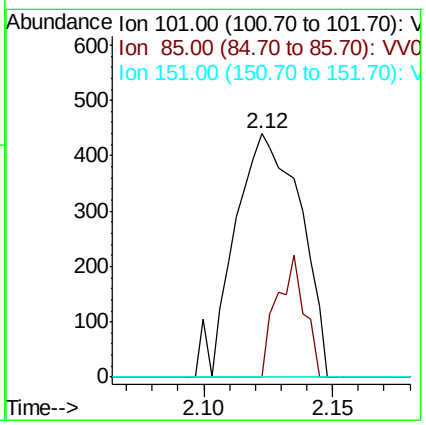


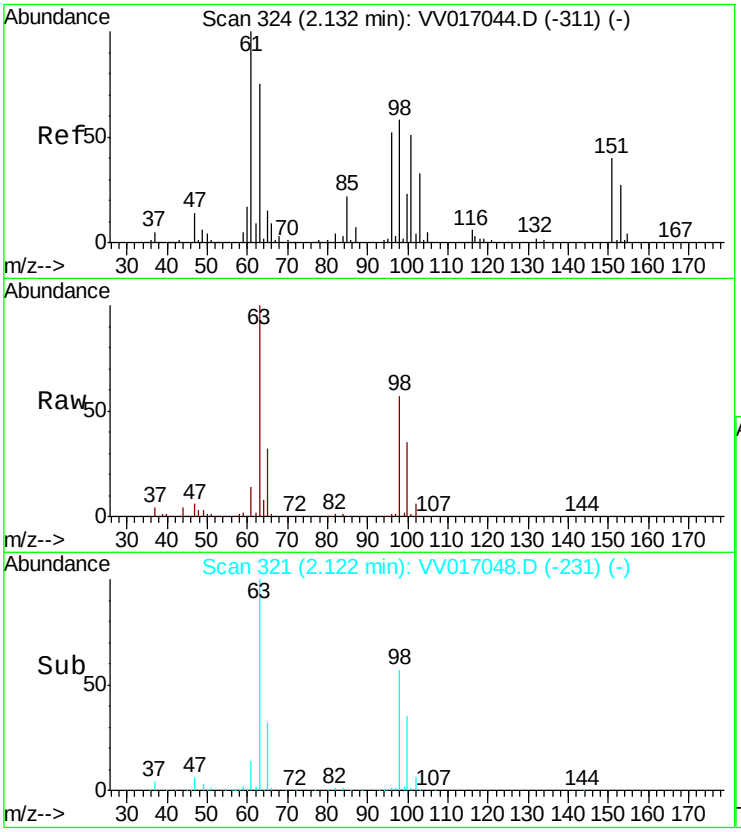


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.078 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Tgt Ion:101 Resp: 785

Ion	Ratio	Lower	Upper
101	100		
85	21.1	35.4	53.2#
151	0.0	63.9	95.9#



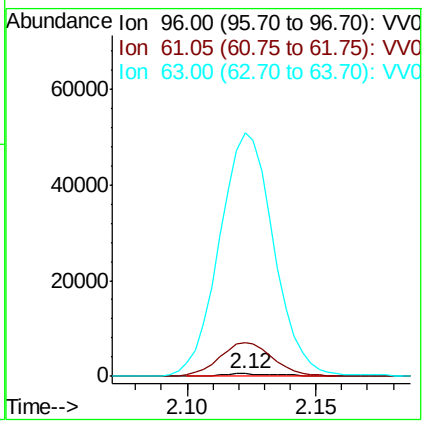


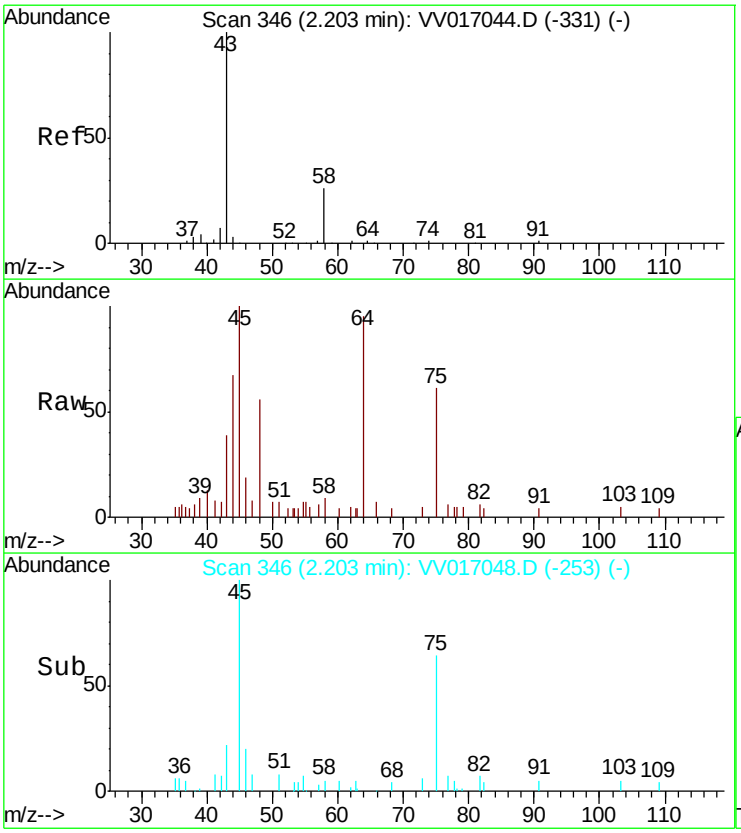
#12
1,1-Dichloroethene
Concen: 0.095 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tgt Ion: 96 Resp: 867

Ion	Ratio	Lower	Upper
96	100		
61	1392.3	125.0	232.2#
63	10052.2	109.8	203.8#

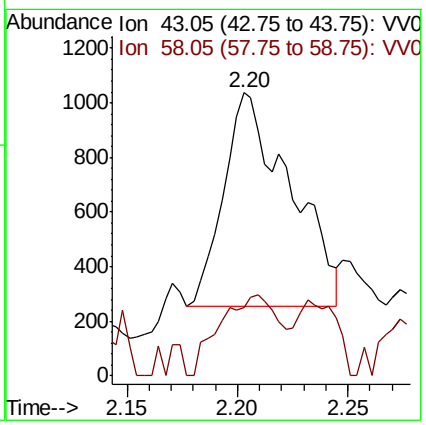


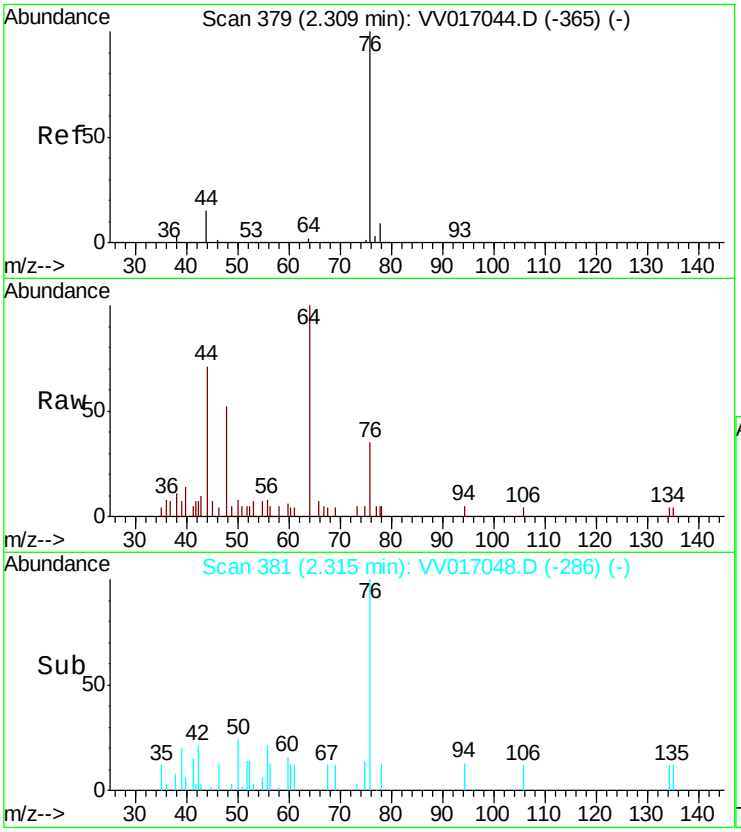


#13
Acetone
Concen: 1.110 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.00 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Tgt Ion: 43 Resp: 1629

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	58.4



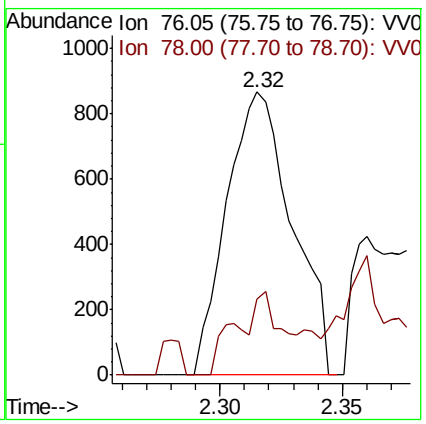


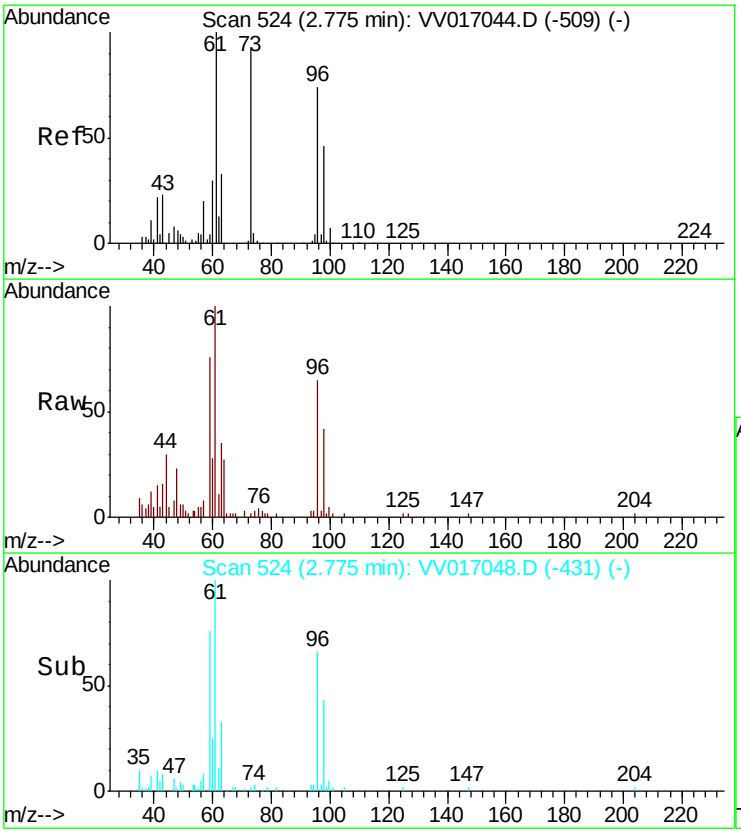
#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Instrument : MSVOA_V
ClientSampleId : BFXG5

Tgt Ion: 76 Resp: 1609

Ion	Ratio	Lower	Upper
76	100		
78	27.0	7.7	11.5#

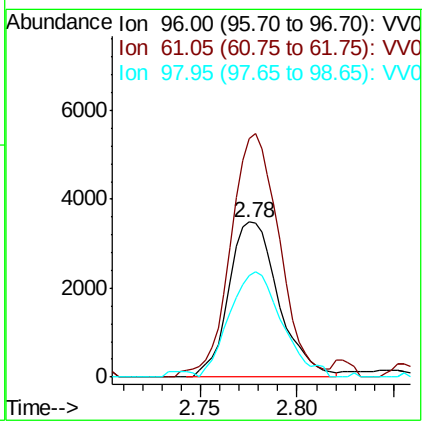


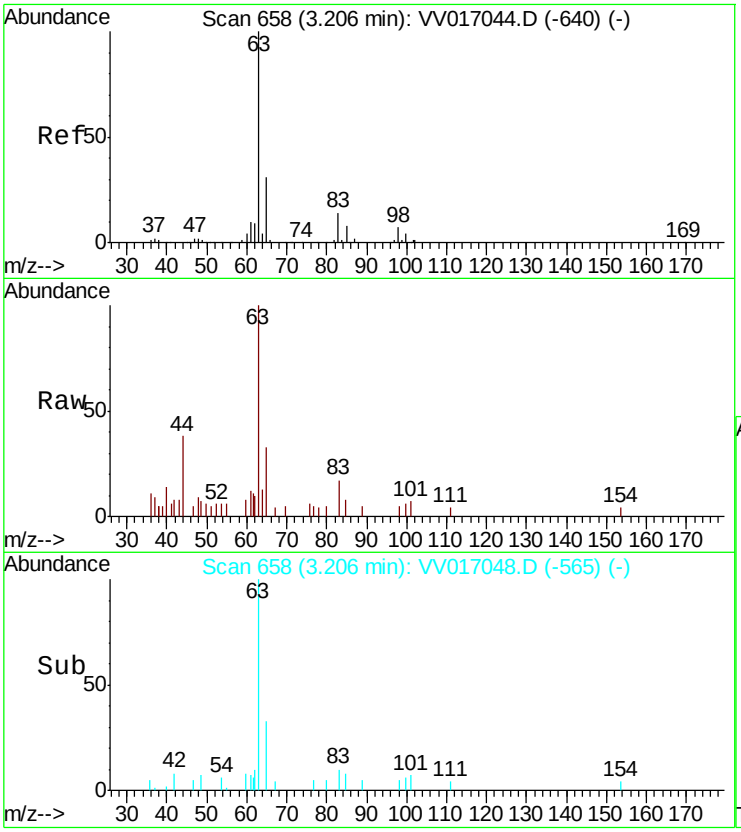


#18
trans-1,2-Dichloroethene
Concen: 0.647 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Tgt Ion: 96 Resp: 6246

Ion	Ratio	Lower	Upper
96	100		
61	153.9	102.3	189.9
98	65.2	44.7	82.9



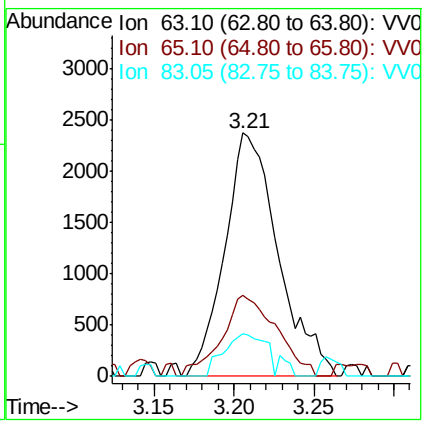


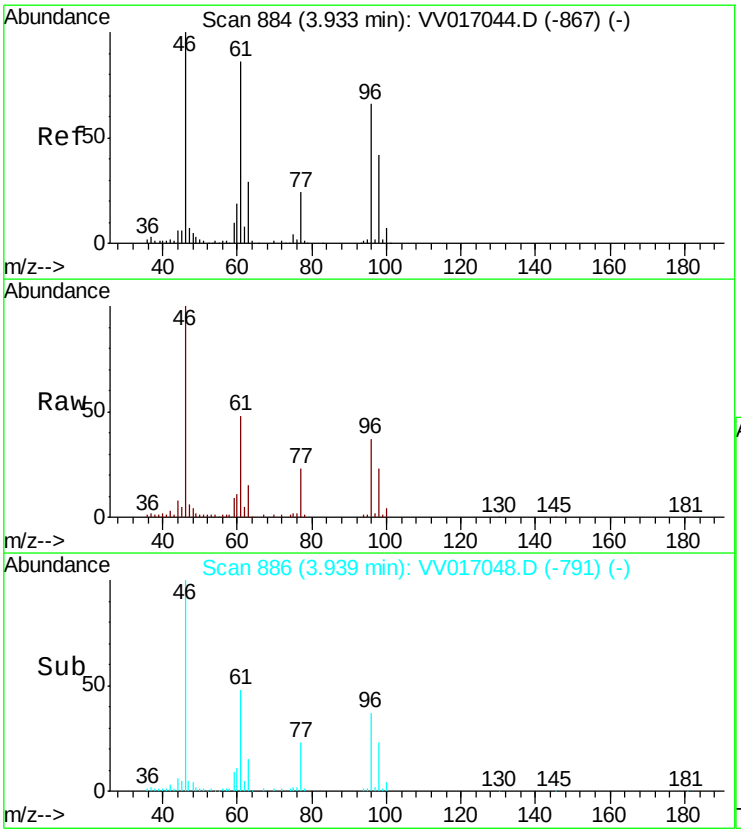
#19
1,1-Dichloroethane
Concen: 0.252 ug/L
RT: 3.21 min Scan# 658
Delta R.T. -0.00 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tgt Ion: 63 Resp: 5455

Ion	Ratio	Lower	Upper
63	100		
65	33.4	21.8	40.4
83	17.3	9.7	17.9

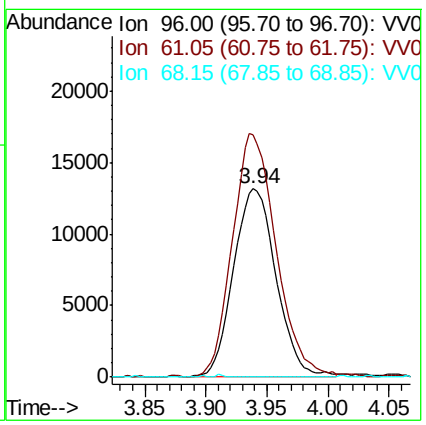


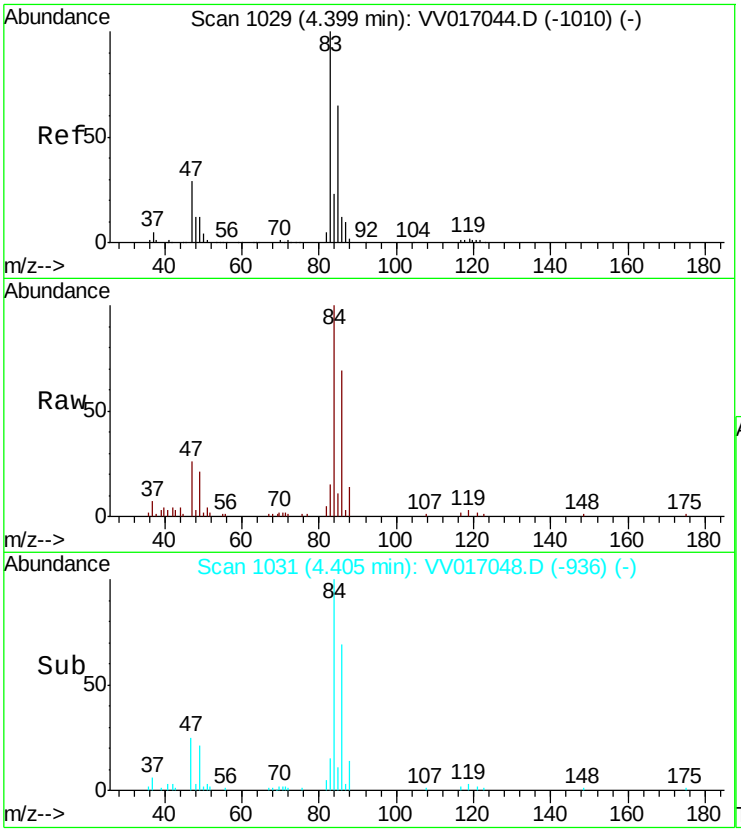


#22
cis-1,2-Dichloroethene
Concen: 2.418 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Tgt Ion: 96 Resp: 31911

Ion	Ratio	Lower	Upper
96	100		
61	128.8	91.0	169.0
68	0.0	0.0	0.0



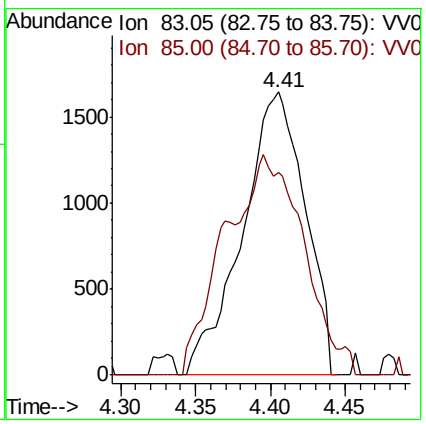


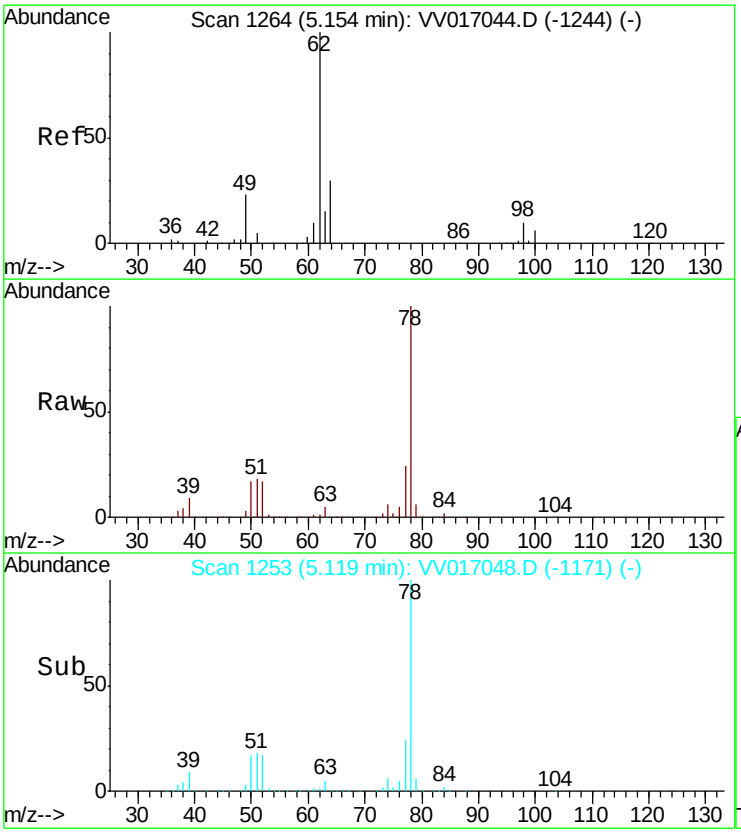
#25
Chloroform
Concen: 0.203 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tgt Ion: 83 Resp: 4799

Ion	Ratio	Lower	Upper
83	100		
85	71.7	44.2	82.2

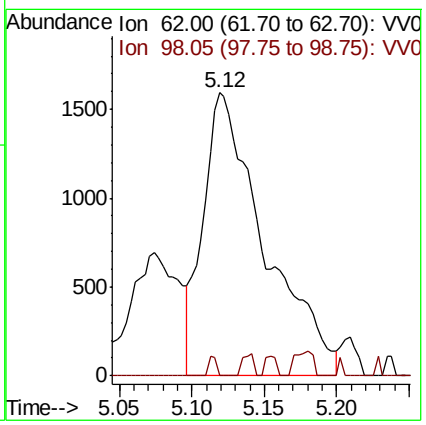


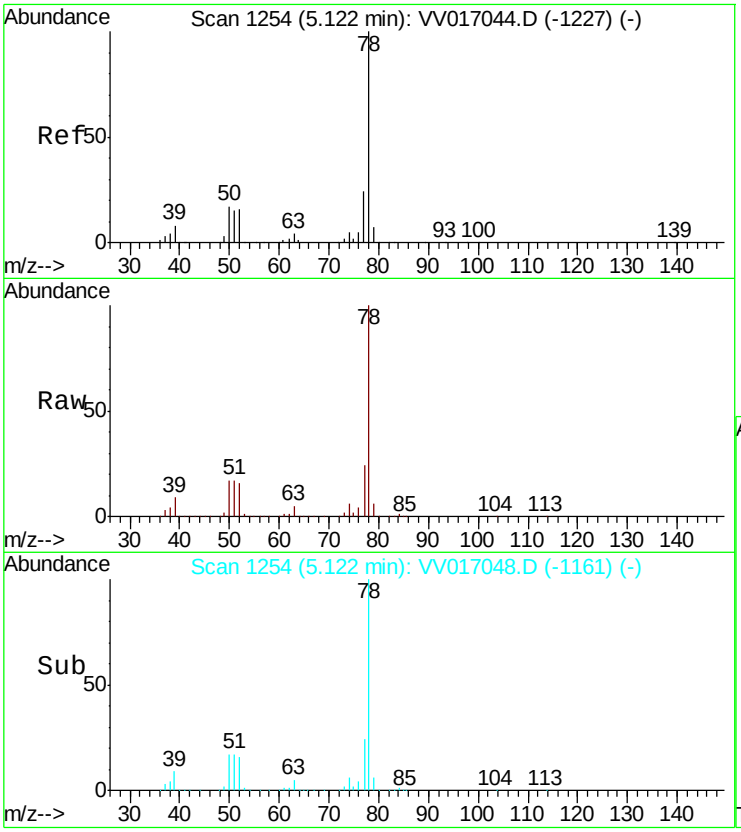


#27
1,2-Dichloroethane
Concen: 0.318 ug/L
RT: 5.12 min Scan# 1253
Delta R.T. -0.04 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Tgt Ion: 62 Resp: 4682

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#

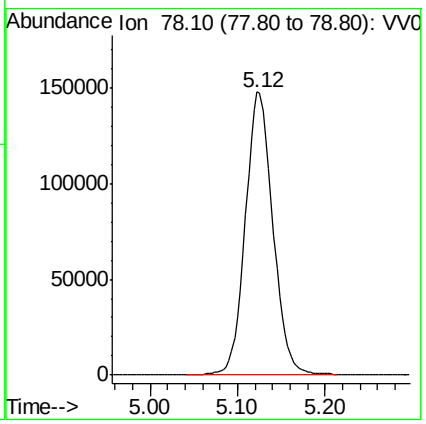


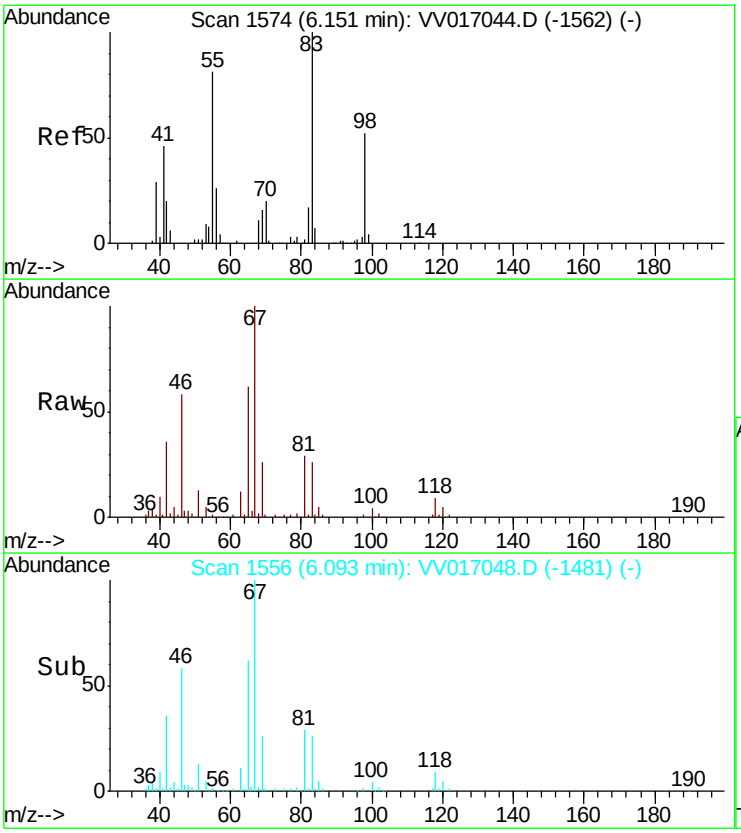


#33
Benzene
Concen: 6.806 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tgt Ion: 78 Resp: 322309

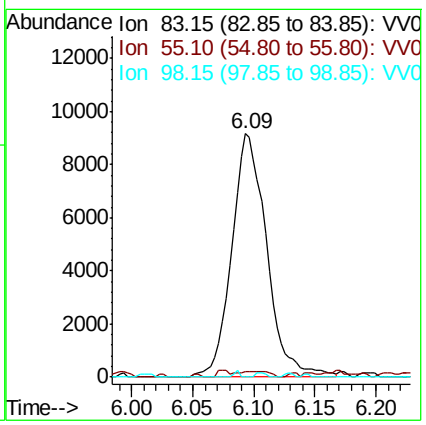


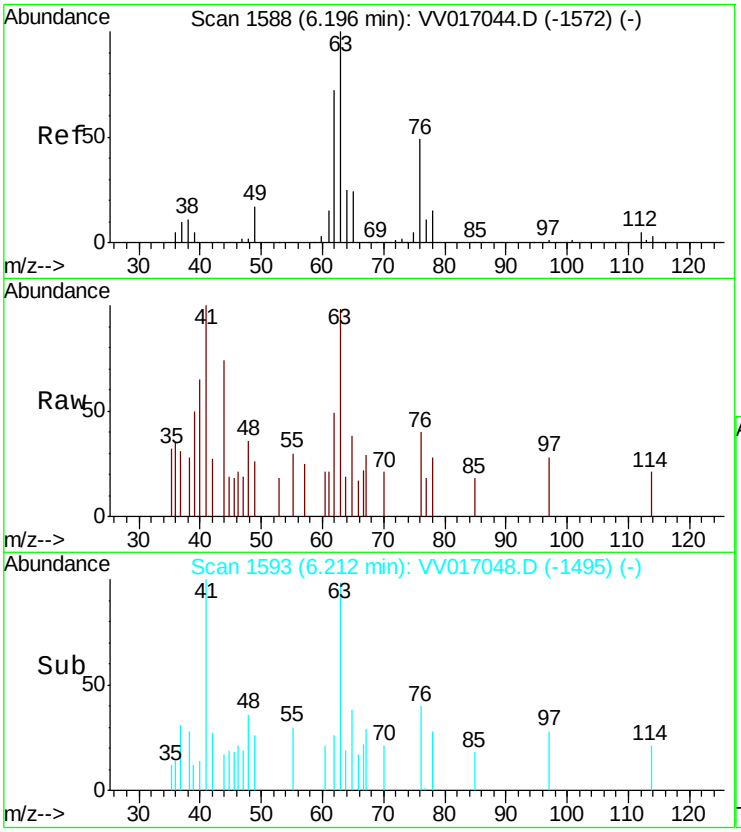


#35
Methylcyclohexane
Concen: 0.843 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Tgt Ion: 83 Resp: 18179

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.6	95.4#
98	0.4	38.8	58.2#



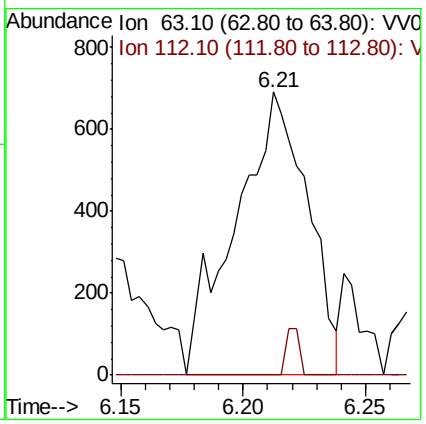


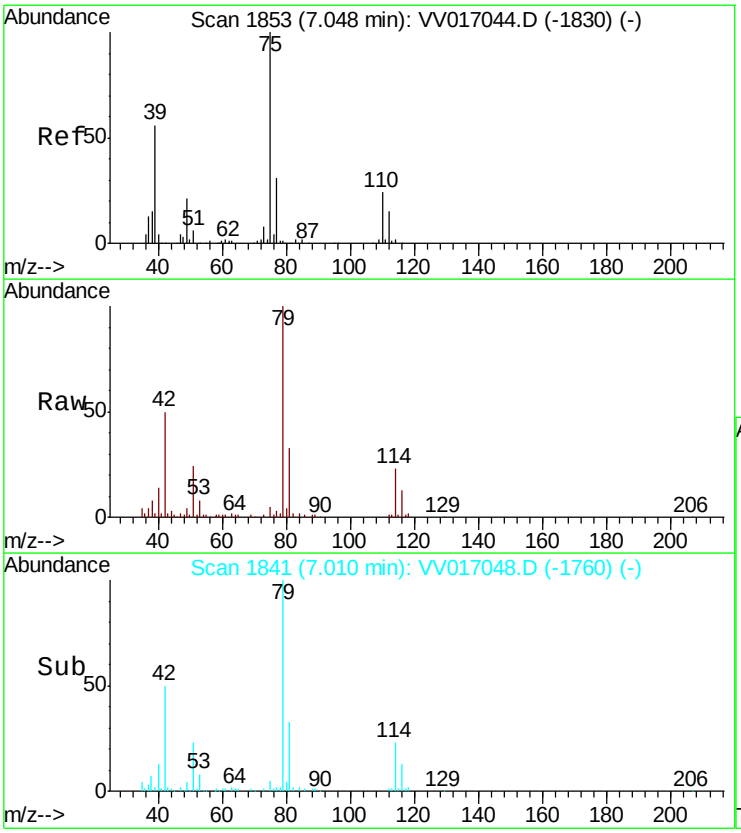
#37
1,2-Dichloropropane
Concen: 0.121 ug/L
RT: 6.21 min Scan# 1593
Delta R.T. 0.02 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tgt Ion: 63 Resp: 1414

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

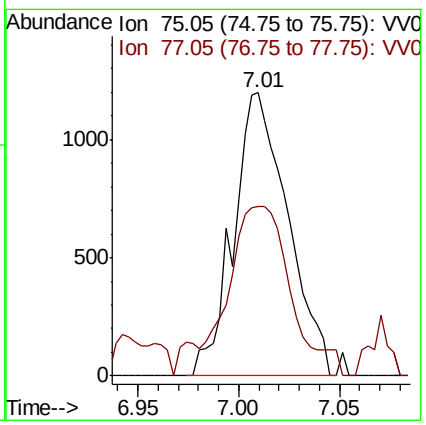


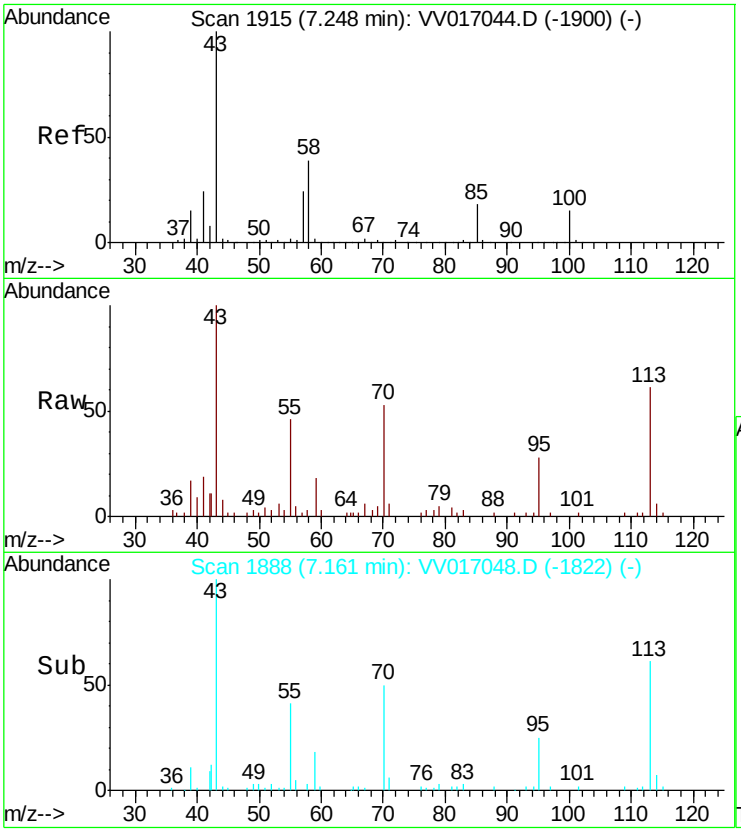


#39
cis-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Tgt Ion: 75 Resp: 2258

Ion	Ratio	Lower	Upper
75	100		
77	59.9	22.3	41.5#



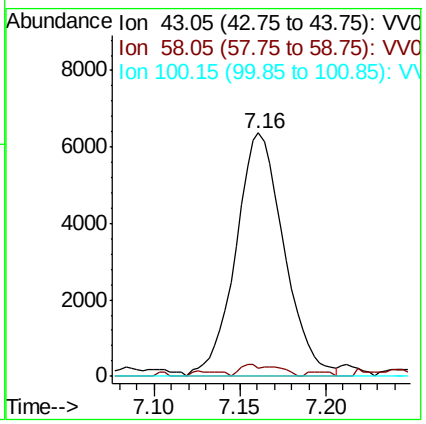


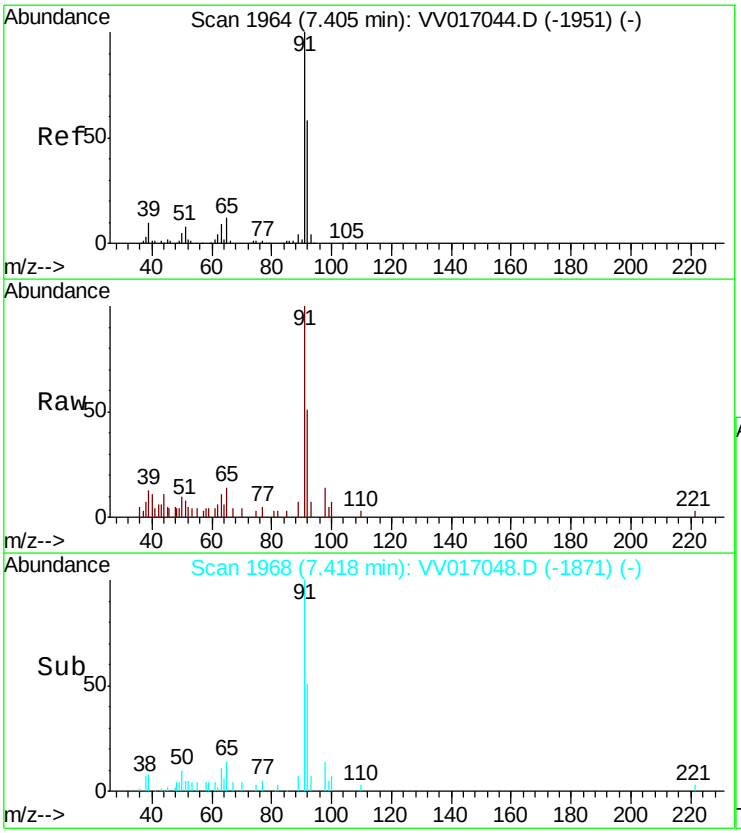
#40
4-Methyl-2-pentanone
Concen: 1.833 ug/L
RT: 7.16 min Scan# 1888
Delta R.T. -0.09 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Instrument : MSVOA_V
ClientSampleId : BFXG5

Tgt Ion: 43 Resp: 12409

Ion	Ratio	Lower	Upper
43	100		
58	2.2	30.4	45.6#
100	0.0	12.7	19.1#

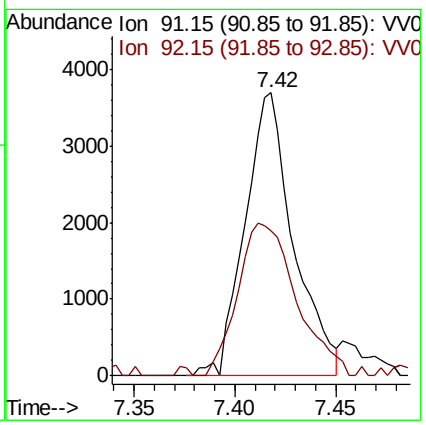


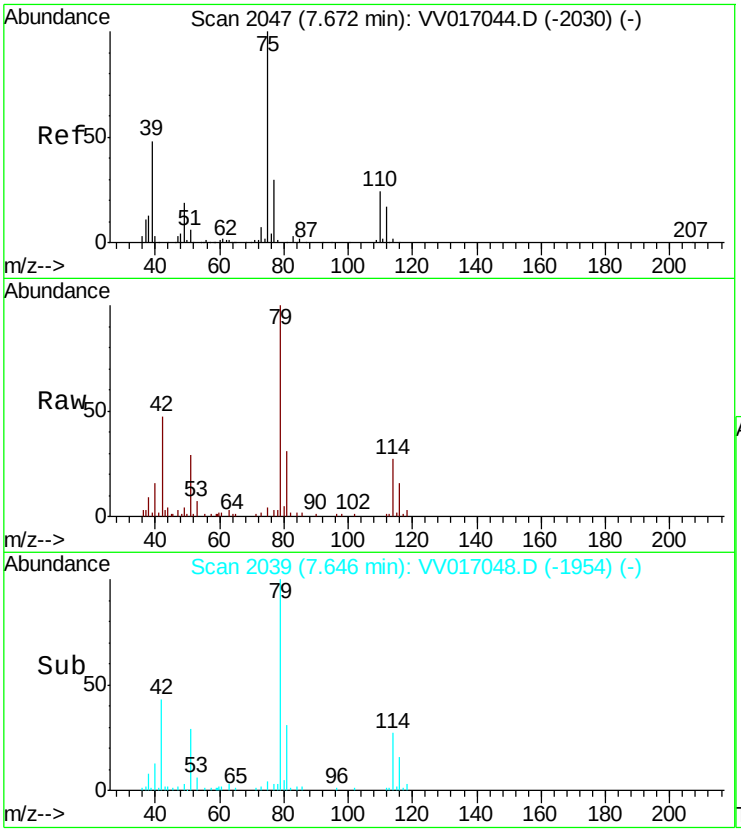


#42
Toluene
Concen: 0.113 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Tgt Ion: 91 Resp: 6203

Ion	Ratio	Lower	Upper
91	100		
92	51.2	39.9	74.1



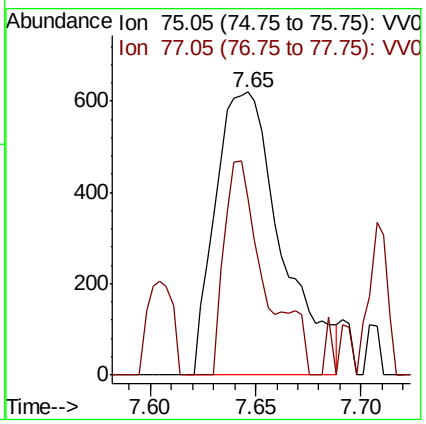


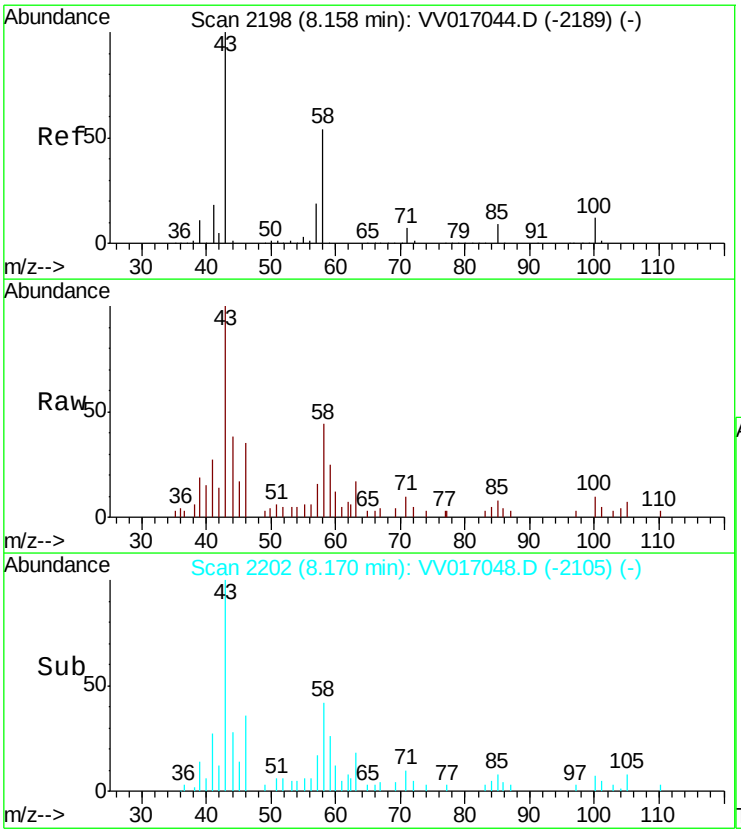
#46
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tgt Ion: 75 Resp: 1348

Ion	Ratio	Lower	Upper
75	100		
77	62.4	22.3	41.3#





#50
2-Hexanone
Concen: 1.653 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017048.D
Acq: 23 Jun 2020 12:11

Tgt Ion: 43 Resp: 7963

Ion	Ratio	Lower	Upper
43	100		
58	47.5	41.6	62.4
57	27.6	15.4	23.0#
100	4.2	10.1	15.1#