Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071720\
Data File : VV017528.D
Acq On : 17 Jul 2020 17:04
Operator : SY/MD
Sample : L3336-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-2

Quant Time: Jul 18 05:10:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353672	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165149	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	83551	45.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.76%			
7) Chloroethane-d5	1.58	69	64048	49.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.04%			
11) 1,1-Dichloroethene-d2	2.13	63	364514	87.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 174.88%#			
21) 2-Butanone-d5	3.91	46	130135	103.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.48%			
24) Chloroform-d	4.38	84	184236	43.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.52%			
26) 1,2-Dichloroethane-d4	5.06	65	132201	45.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.46%			
32) Benzene-d6	5.08	84	342078	47.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.14%			
36) 1,2-Dichloropropane-d6	6.09	67	106913	51.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.18%			
41) Toluene-d8	7.34	98	310231	44.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.64	79	55775	45.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.58%			
47) 2-Hexanone-d5	8.11	63	96828	112.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.74%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147505	50.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	11.65	152	135592	49.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	51386	19.013	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	22690	9.661	ug/L	95
12) 1,1-Dichloroethene	2.14	96	413659	194.729	ug/L #	66
13) Acetone	2.19	43	4579	2.675	ug/L	81
16) Methylene chloride	2.52	84	2767	1.119	ug/L	90
17) trans-1,2-Dichloroethene	2.78	96	16138	6.986	ug/L	96
19) 1,1-Dichloroethane	3.21	63	5714161	1345.228	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	572494	231.297	ug/L	99
27) 1,2-Dichloroethane	5.16	62	82251	19.627	ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	45028	9.733	ug/L	99
31) Carbon tetrachloride	4.64	117	5472	1.292	ug/L	100
33) Benzene	5.13	78	60660	6.821	ug/L	100
34) Trichloroethene	5.94	95	741090	280.690	ug/L	96
35) Methylcyclohexane	6.09	83	28236	7.303	ug/L #	18
48) 2-Hexanone	8.11	43	13494	5.542	ug/L #	55
51) Chlorobenzene	8.90	112	41260	6.126	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	16147	3.133	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071720\
Data File : VV017528.D
Acq On : 17 Jul 2020 17:04
Operator : SY/MD
Sample : L3336-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-2

Quant Time: Jul 18 05:10:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.29	146	50464	9.649	ug/L	98
67) 1,3,5-Trichlorobenzene	13.29	180	7300	1.881	ug/L	93
68) 1,2,4-trichlorobenzene	13.29	180	7300	2.145	ug/L	91

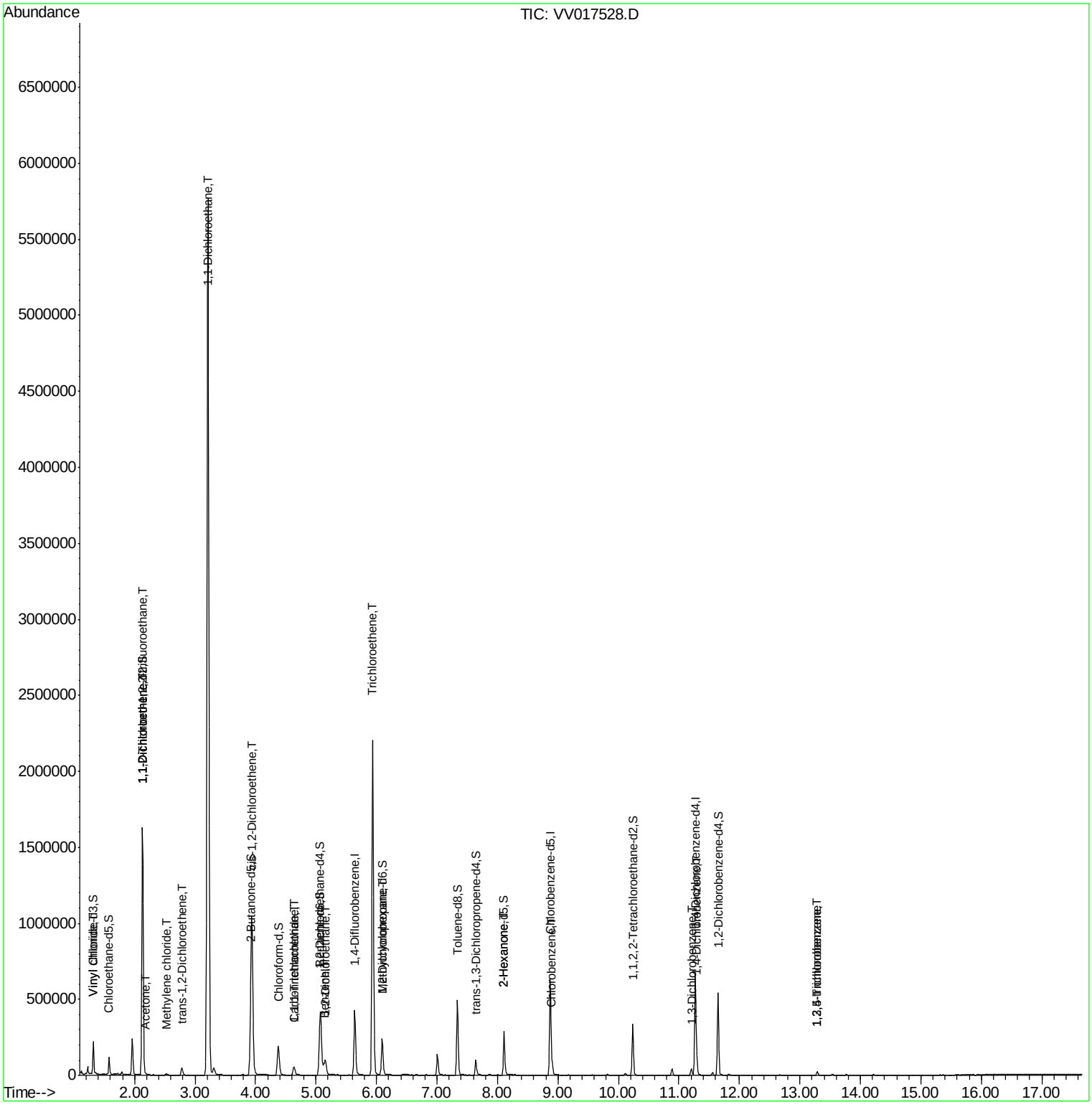
(#) = qualifier out of range (m) = manual integration (+) = signals summed

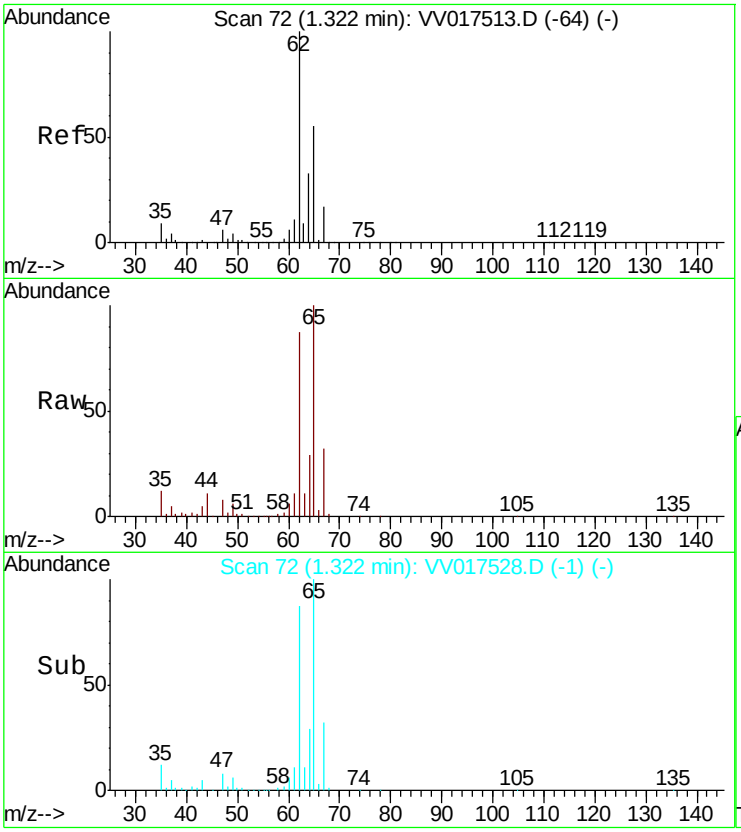
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071720\
Data File : VV017528.D
Acq On : 17 Jul 2020 17:04
Operator : SY/MD
Sample : L3336-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-2

Quant Time: Jul 18 05:10:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration



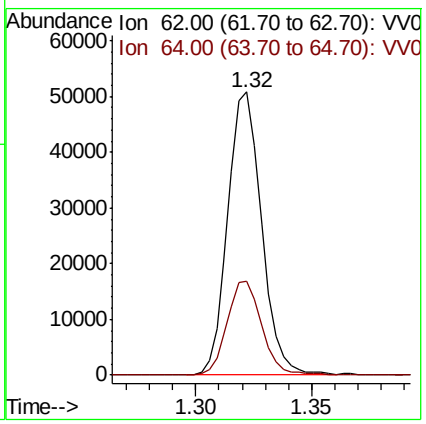


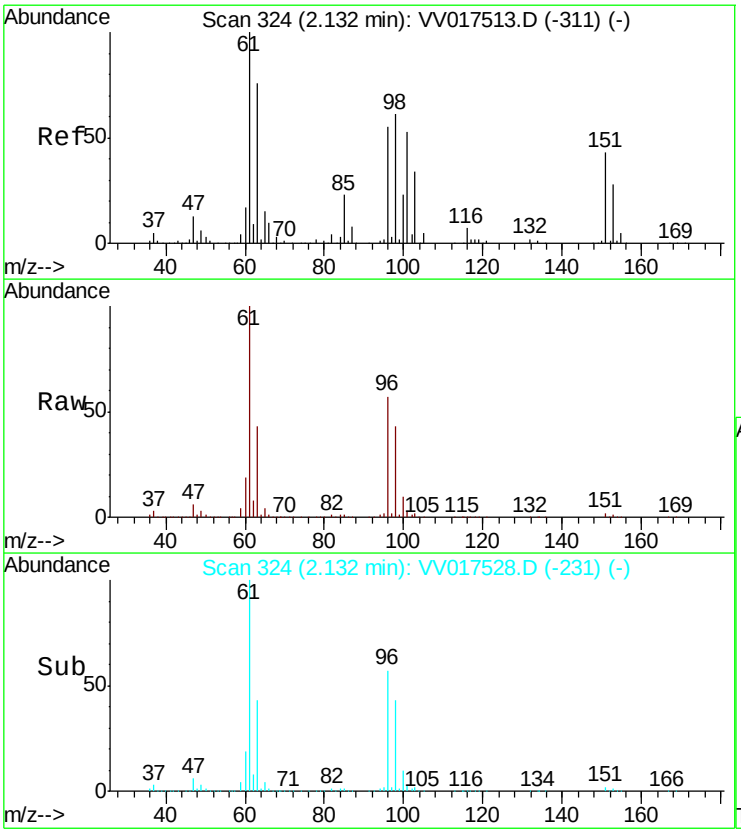
#5
Vinyl chloride
Concen: 19.013 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
PMW-2

Tgt Ion: 62 Resp: 51386

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.1	44.7

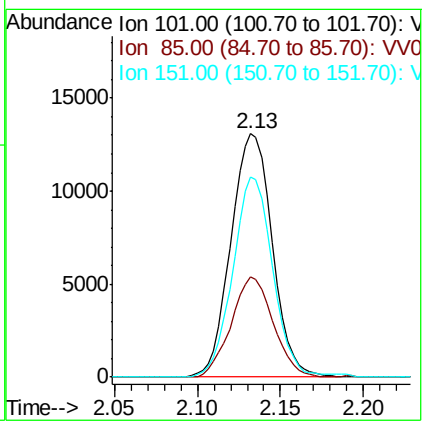


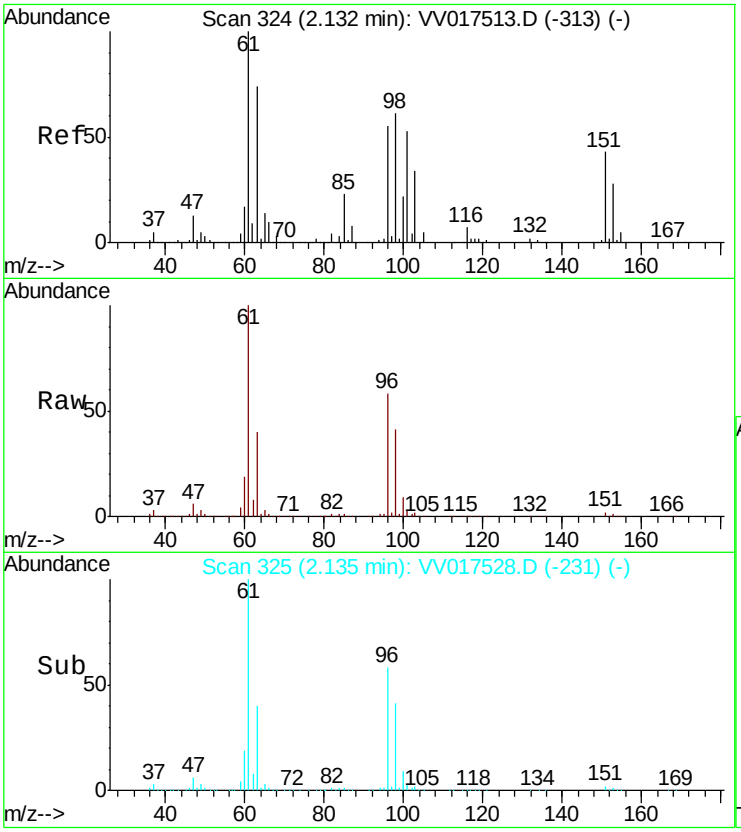


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.661 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion:101 Resp: 22690

Ion	Ratio	Lower	Upper
101	100		
85	41.7	36.2	54.4
151	79.3	66.8	100.2



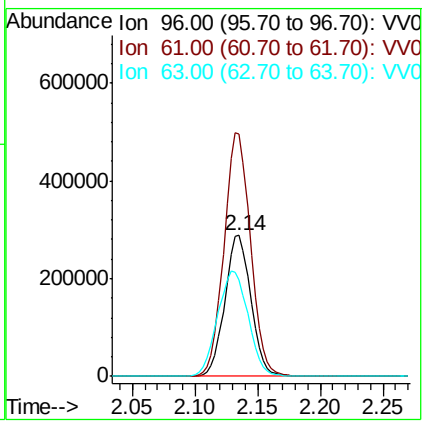


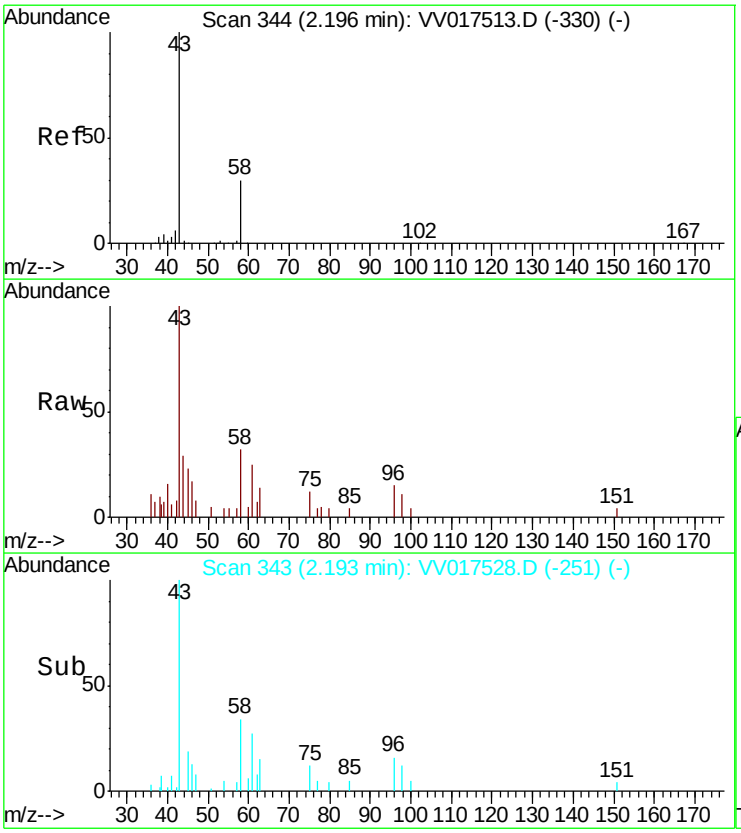
#12
1,1-Dichloroethene
Concen: 194.729 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument : MSVOA_V
ClientSampleId : PMW-2

Tgt Ion: 96 Resp: 413659

Ion	Ratio	Lower	Upper
96	100		
61	172.0	132.7	246.4
63	68.1	103.3	191.8#

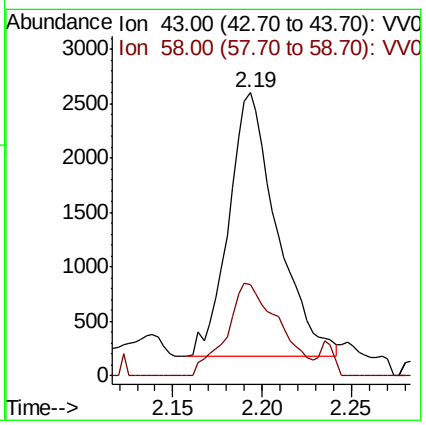


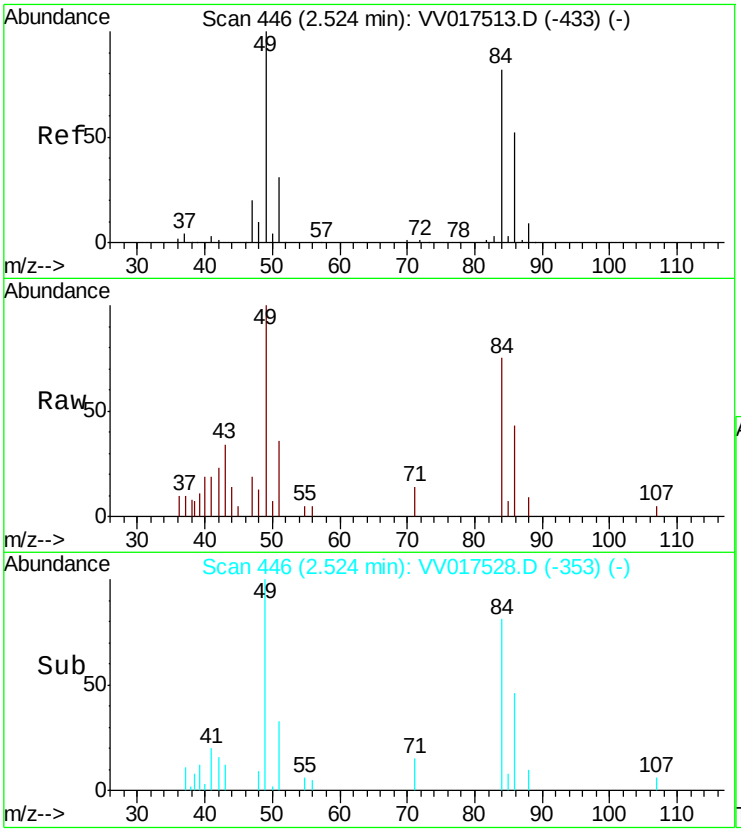


#13
Acetone
Concen: 2.675 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion: 43 Resp: 4579

Ion	Ratio	Lower	Upper
43	100		
58	38.2	0.0	56.0



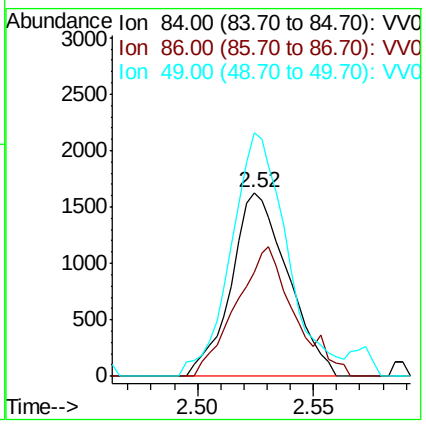


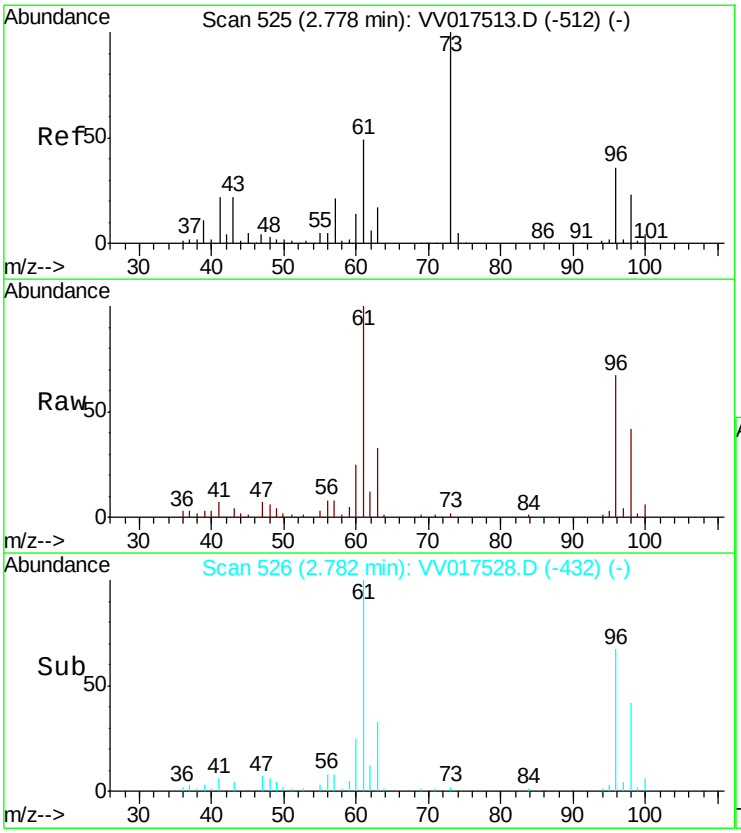
#16
Methylene chloride
Concen: 1.119 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
PMW-2

Tgt Ion: 84 Resp: 2767

Ion	Ratio	Lower	Upper
84	100		
86	57.0	46.5	86.5
49	132.7	85.3	158.5

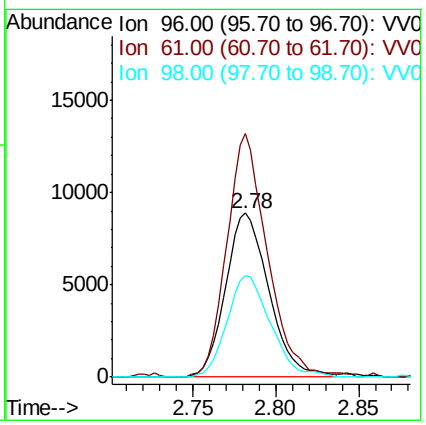


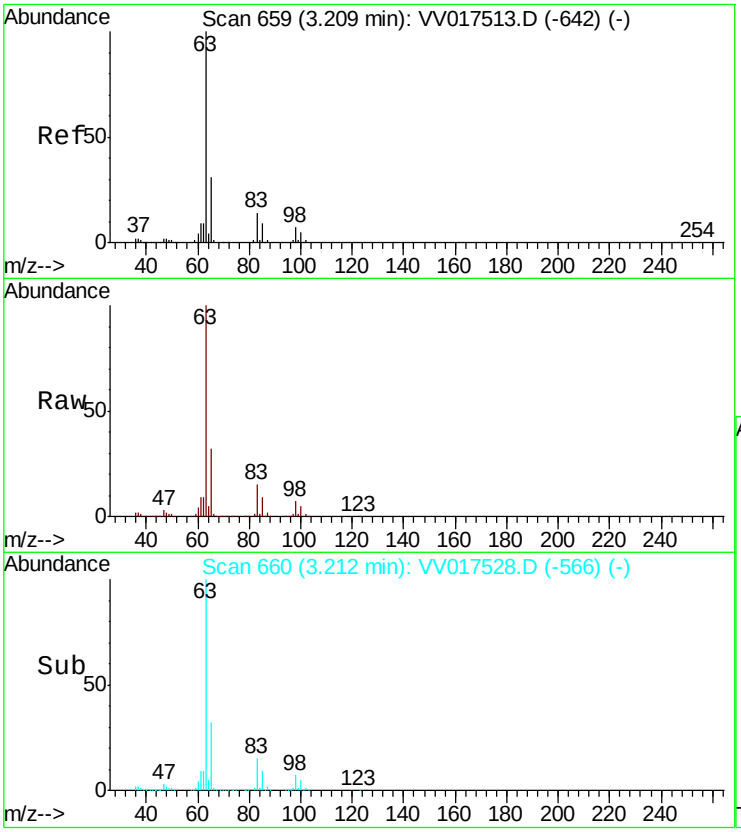


#17
trans-1,2-Dichloroethene
Concen: 6.986 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion: 96 Resp: 16138

Ion	Ratio	Lower	Upper
96	100		
61	148.5	99.0	184.0
98	62.3	44.4	82.5



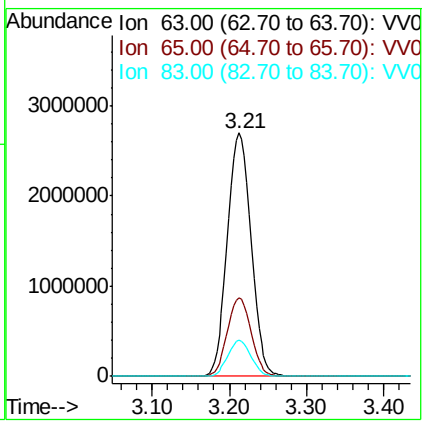


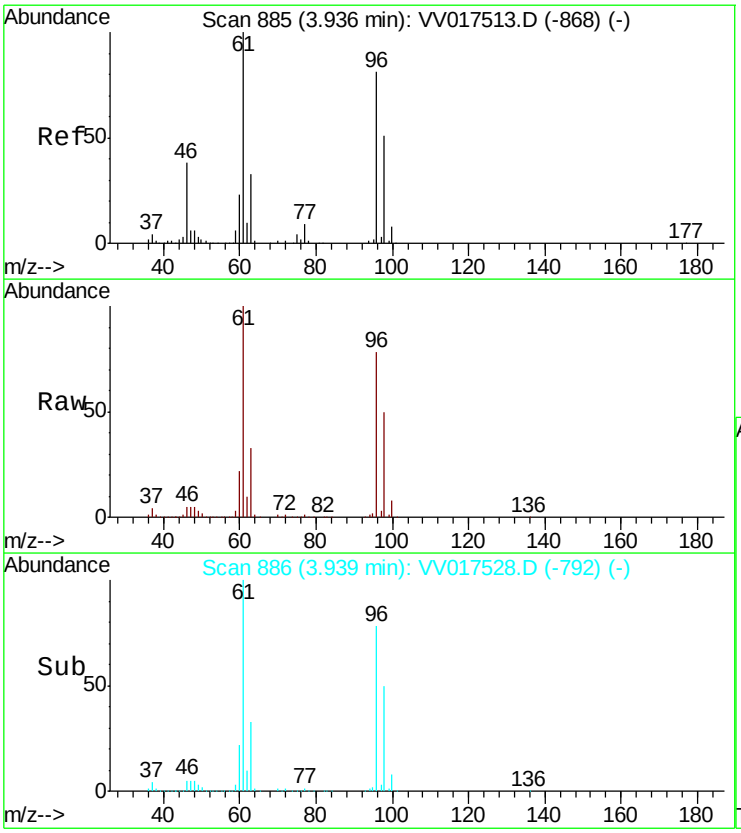
#19
1,1-Dichloroethane
Concen: 1345.228 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
PMW-2

Tgt Ion: 63 Resp: 5714161

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.1	41.1
83	14.6	10.1	18.9

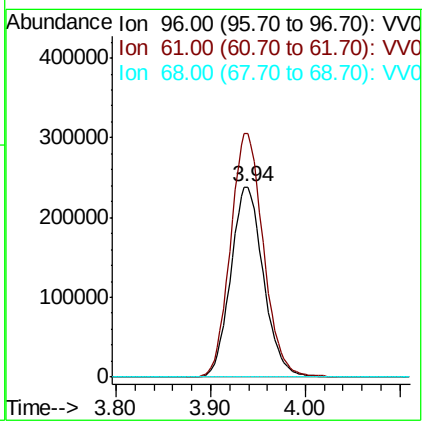


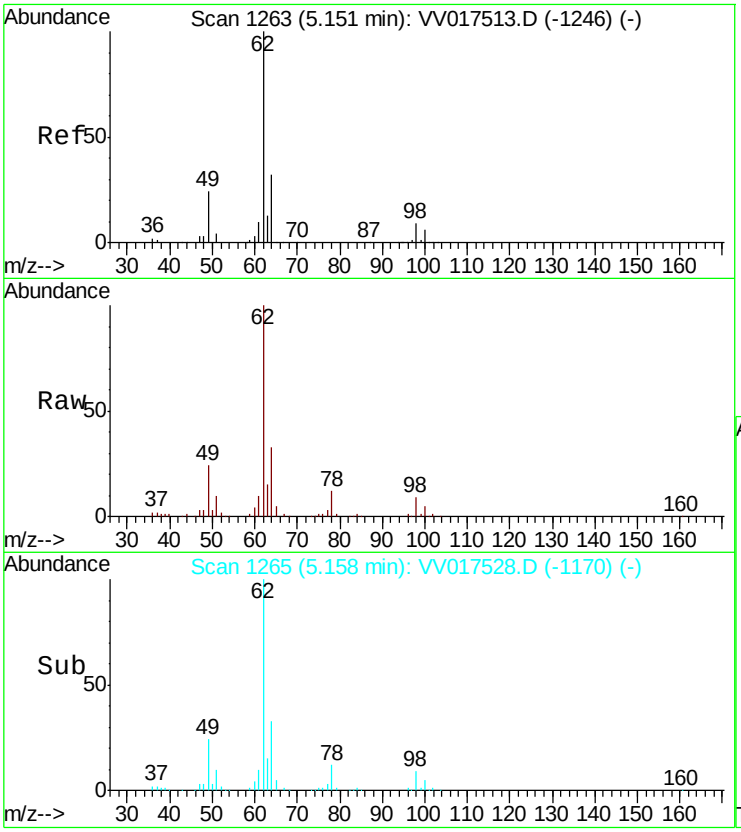


#20
cis-1,2-Dichloroethene
Concen: 231.297 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion: 96 Resp: 572494

Ion	Ratio	Lower	Upper
96	100		
61	128.1	88.9	165.1
68	0.0	0.0	0.0



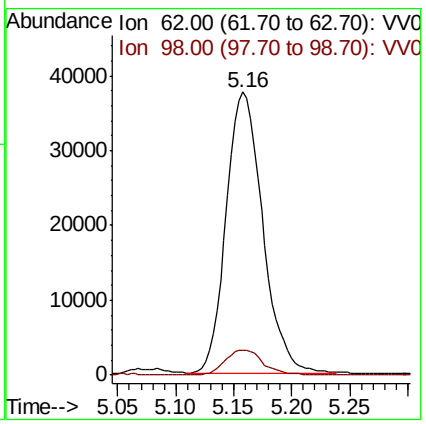


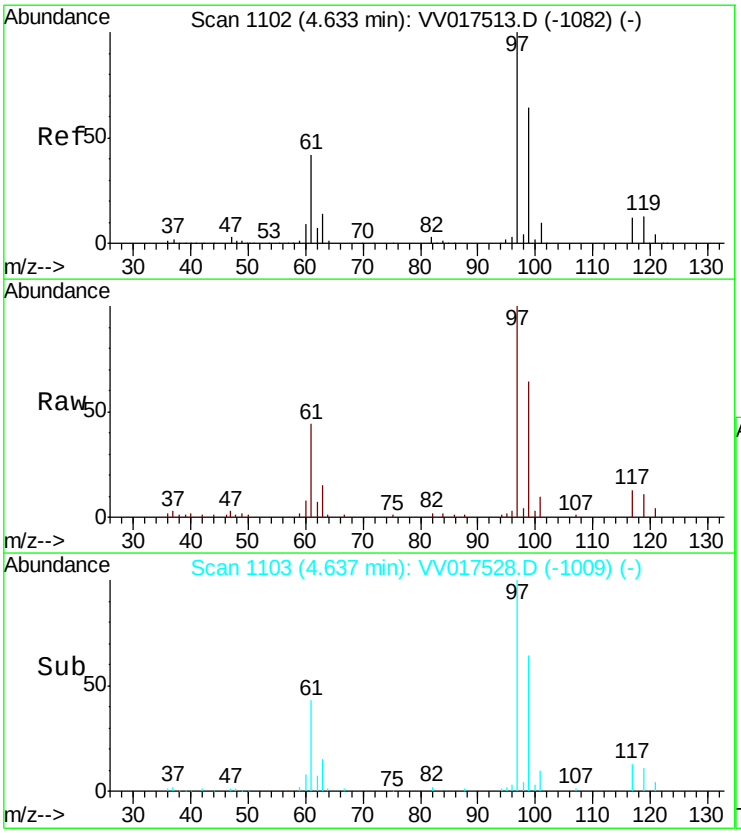
#27
1,2-Dichloroethane
Concen: 19.627 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
PMW-2

Tgt Ion: 62 Resp: 82251

Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.4	9.6

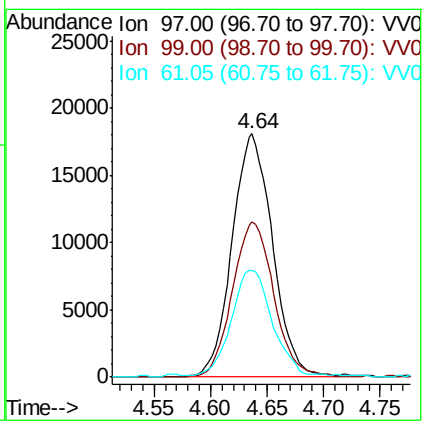


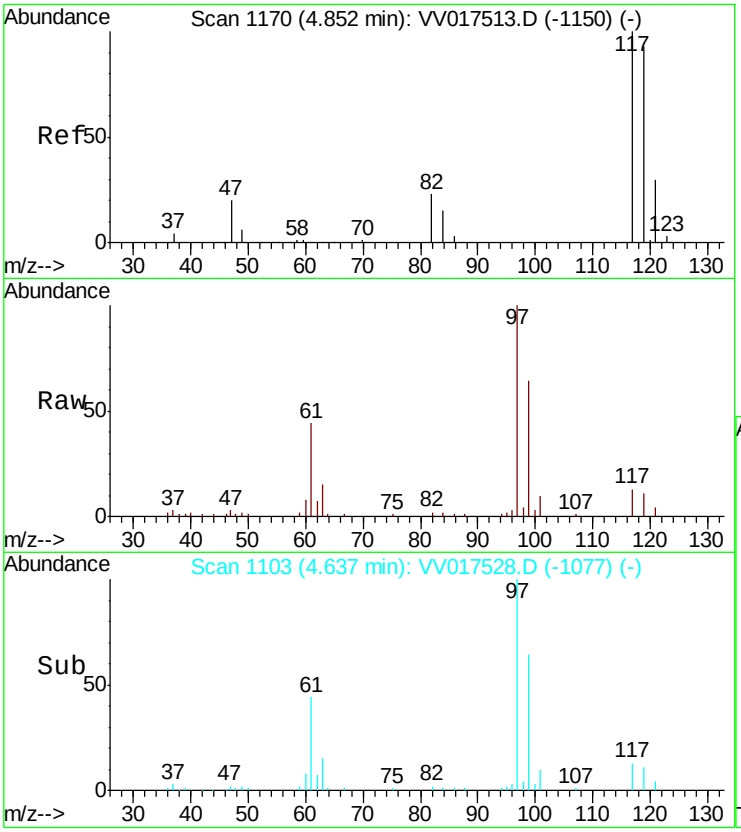


#30
1,1,1-Trichloroethane
Concen: 9.733 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion: 97 Resp: 45028

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.3	76.9
61	43.2	34.1	51.1



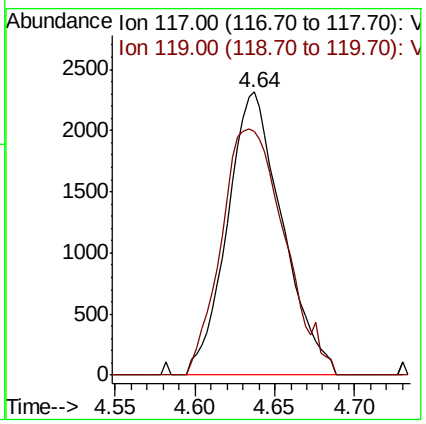


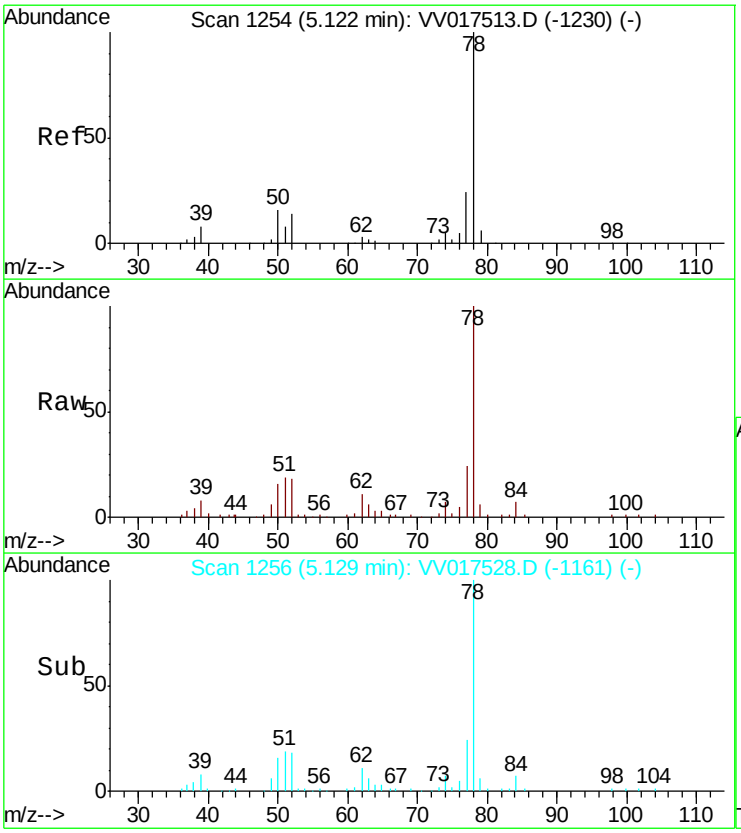
#31
Carbon tetrachloride
Concen: 1.292 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. -0.22 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
PMW-2

Tgt Ion:117 Resp: 5472

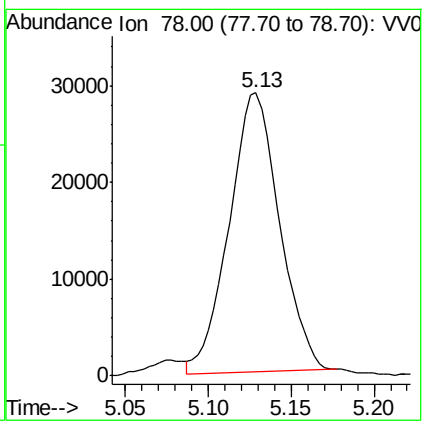
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0

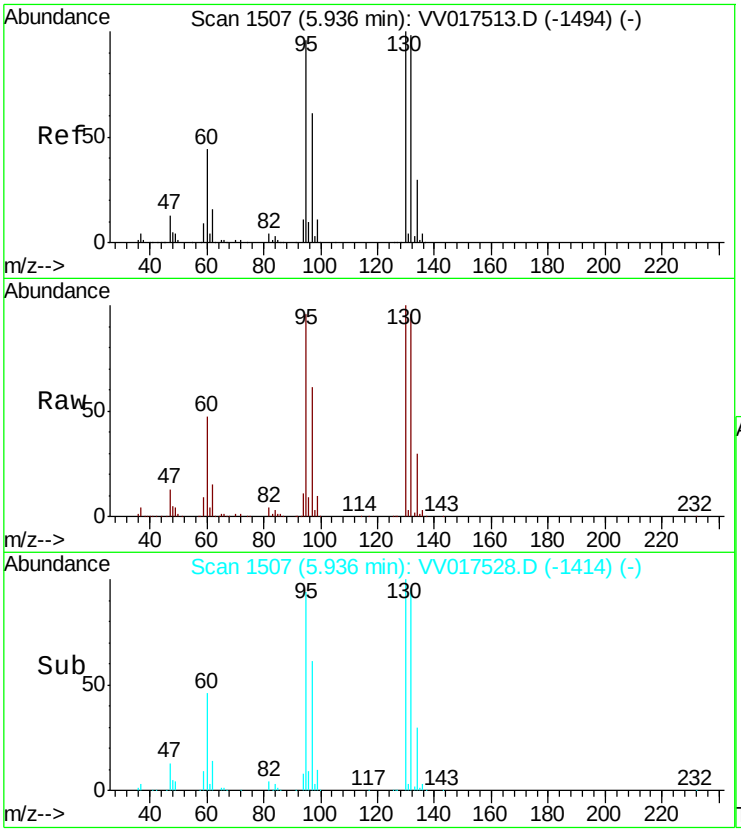




#33
Benzene
Concen: 6.821 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion: 78 Resp: 60660



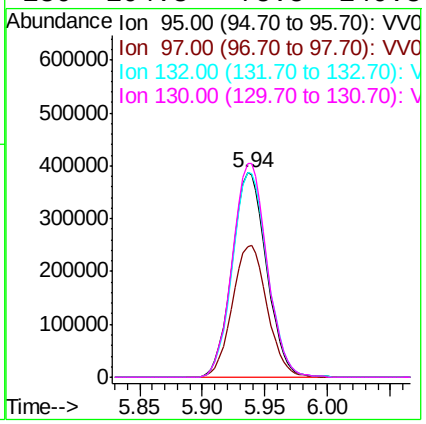


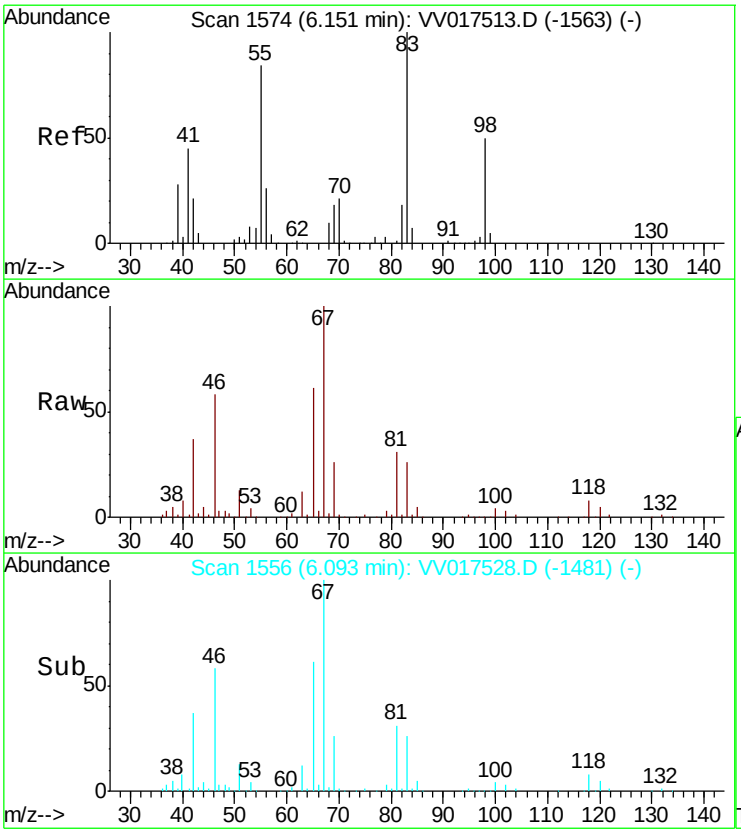
#34
Trichloroethene
Concen: 280.690 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
PMW-2

Tgt Ion: 95 Resp: 741090

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.6	84.6
132	99.8	74.1	137.5
130	104.3	75.5	140.3

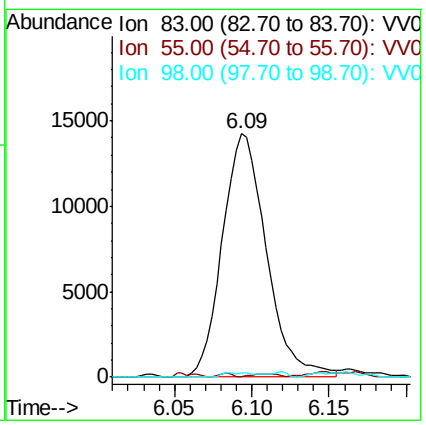


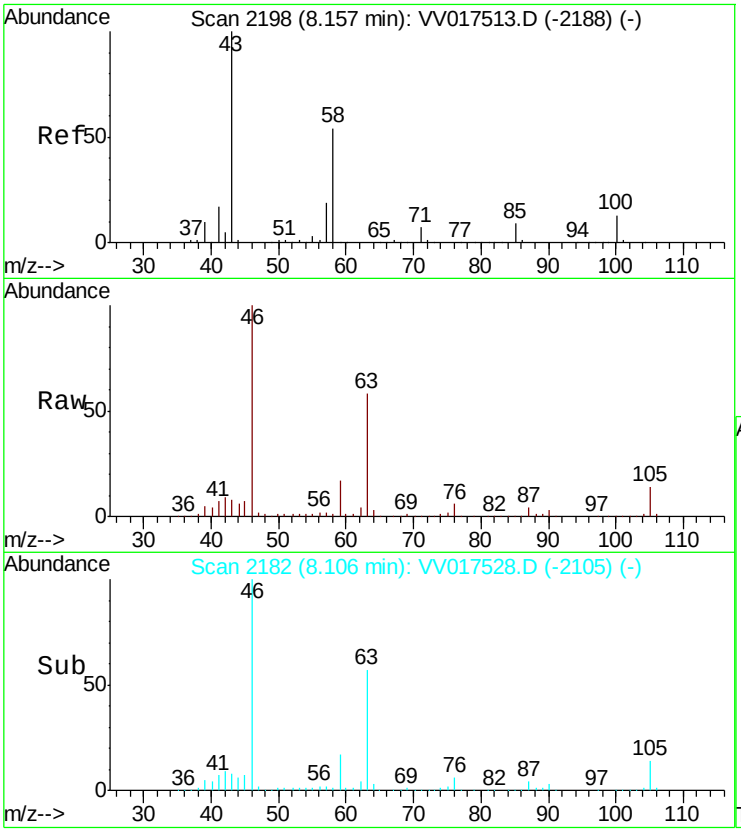


#35
Methylcyclohexane
Concen: 7.303 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion: 83 Resp: 28236

Ion	Ratio	Lower	Upper
83	100		
55	0.5	61.0	91.6#
98	0.6	41.3	61.9#



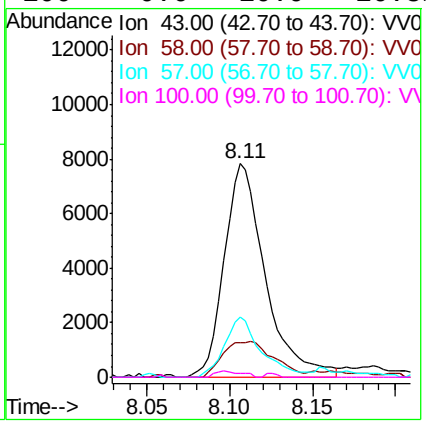


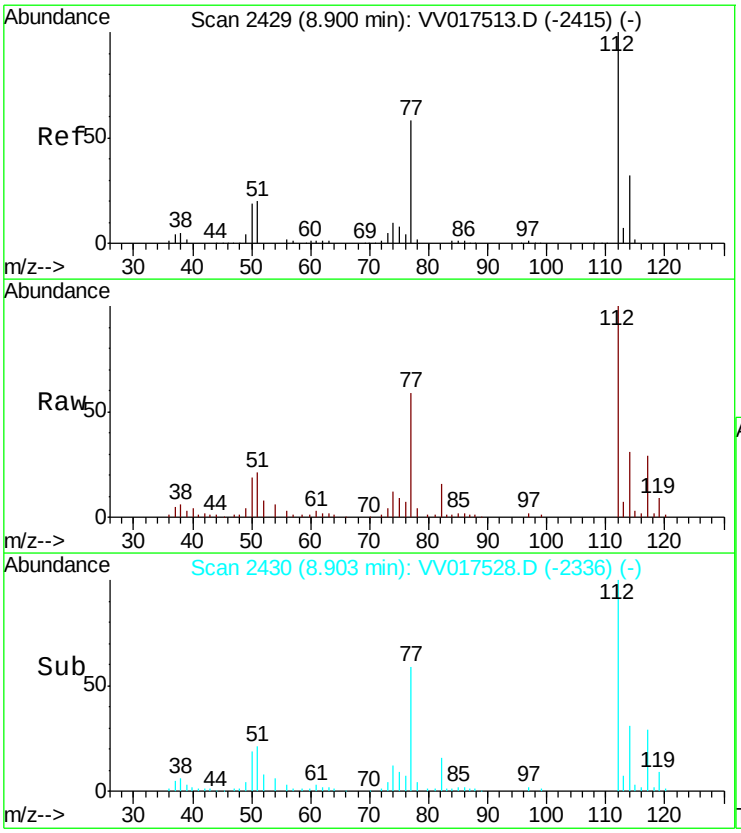
#48
2-Hexanone
Concen: 5.542 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument : MSVOA_V
ClientSampleId : PMW-2

Tgt Ion: 43 Resp: 13494

Ion	Ratio	Lower	Upper
43	100		
58	10.0	42.6	64.0#
57	25.3	16.2	24.4#
100	0.6	10.9	16.3#

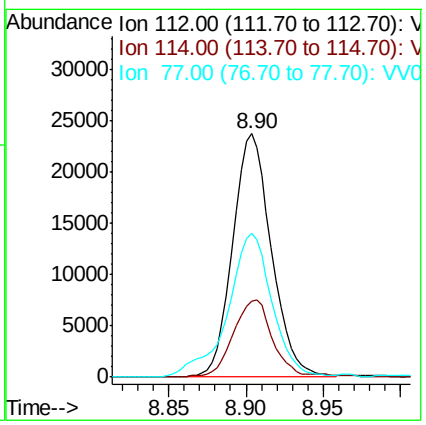


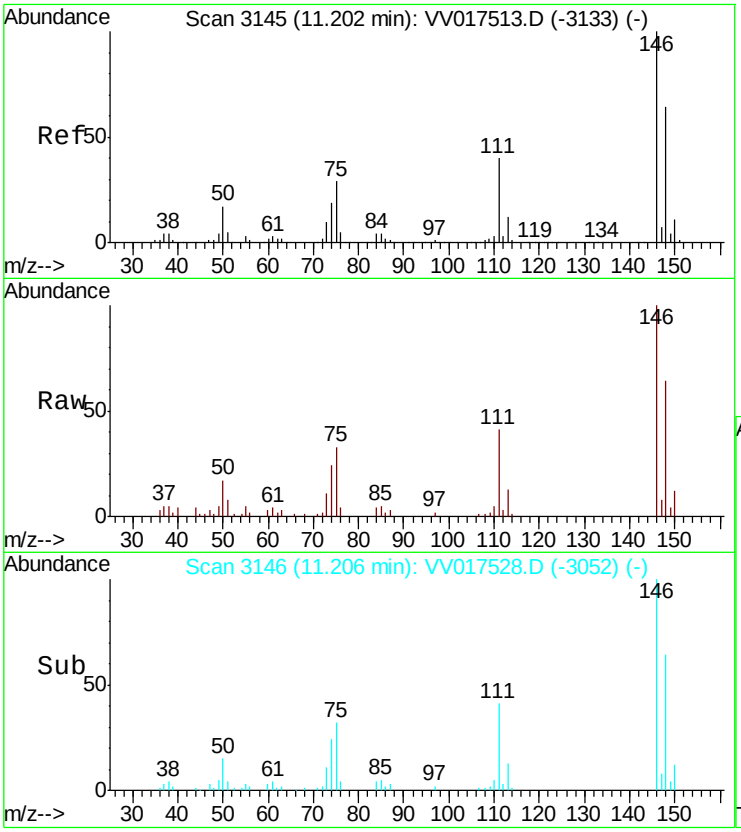


#51
Chlorobenzene
Concen: 6.126 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion:112 Resp: 41260

Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.7	42.1
77	58.9	46.7	70.1



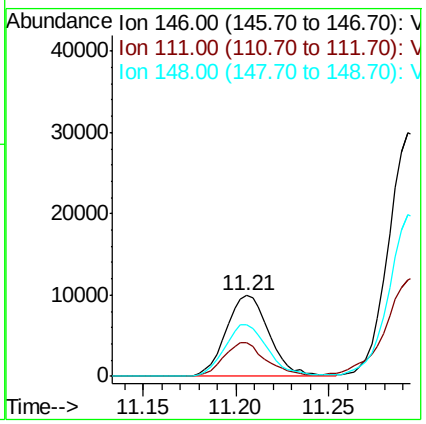


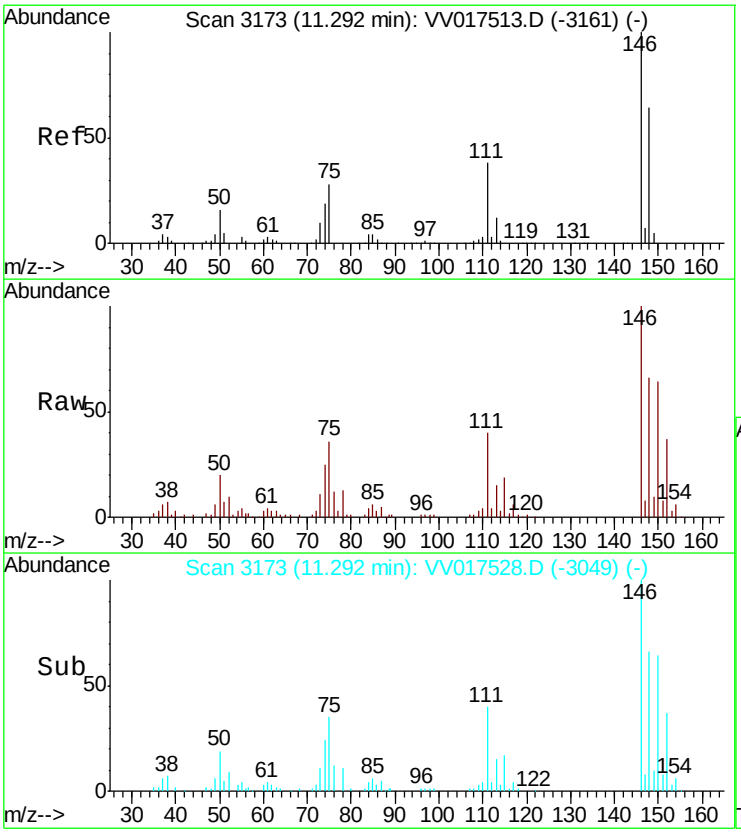
#62
1,3-Dichlorobenzene
Concen: 3.133 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
PMW-2

Tgt Ion:146 Resp: 16147

Ion	Ratio	Lower	Upper
146	100		
111	41.4	27.2	50.6
148	63.8	44.7	82.9

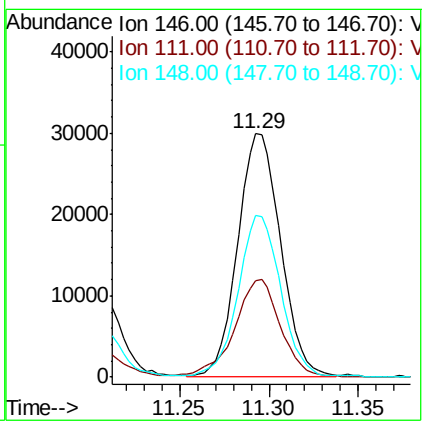


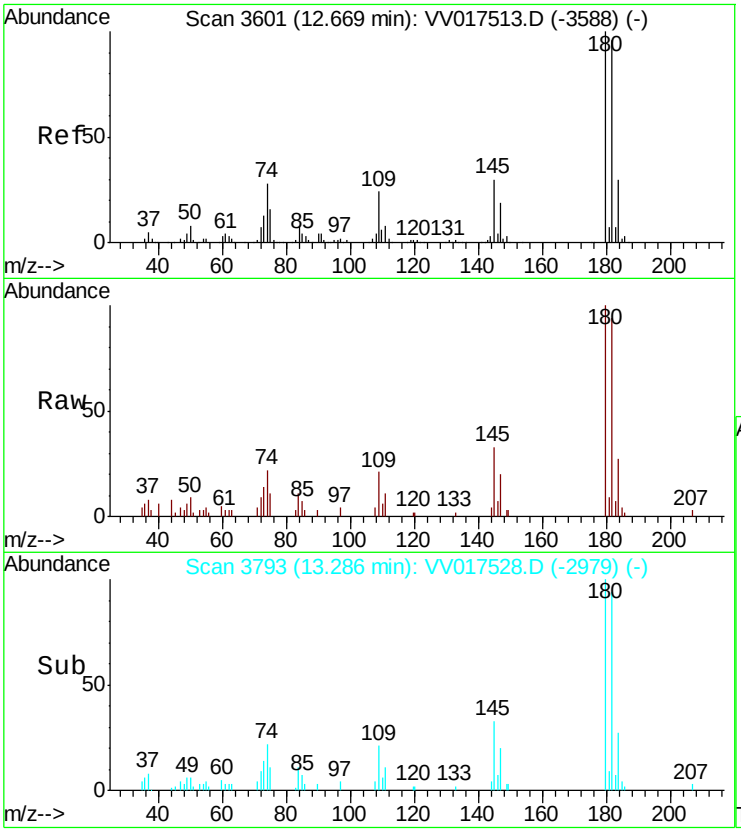


#63
1,4-Dichlorobenzene
Concen: 9.649 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion:146 Resp: 50464

Ion	Ratio	Lower	Upper
146	100		
111	39.6	27.2	50.4
148	66.3	45.4	84.4



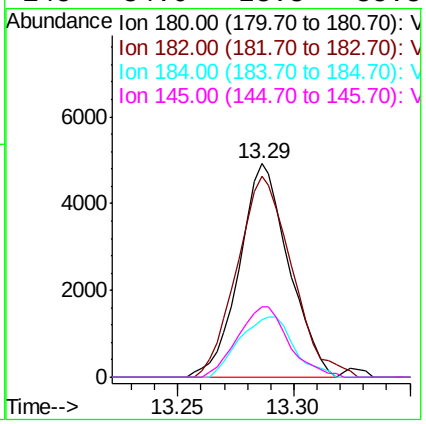


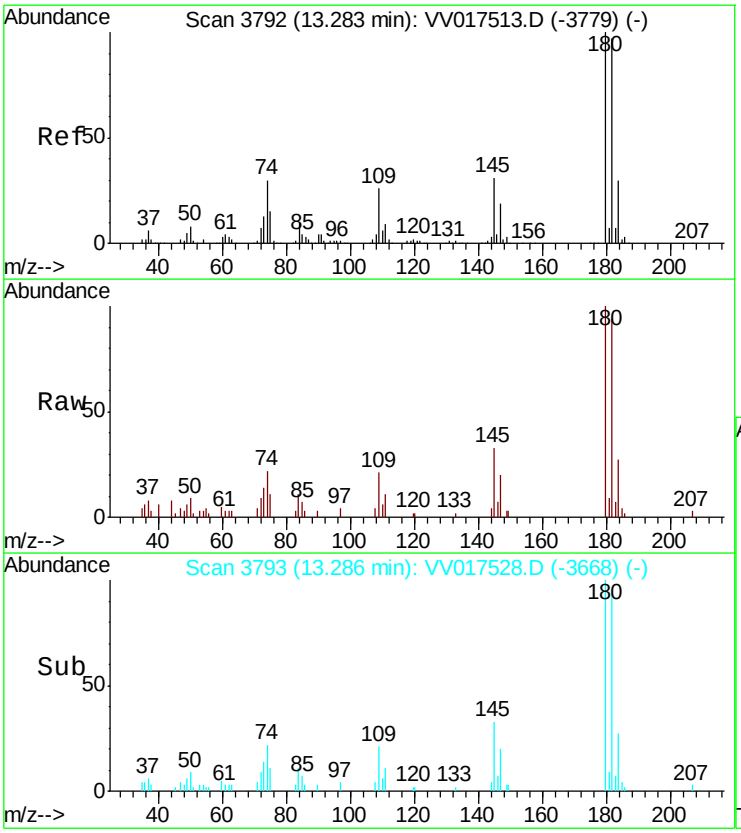
#67
1,3,5-Trichlorobenzene
Concen: 1.881 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.62 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
PMW-2

Tgt Ion:180 Resp: 7300

Ion	Ratio	Lower	Upper
180	100		
182	104.4	77.0	115.4
184	31.2	24.0	36.0
145	34.0	23.8	35.8





#68
1,2,4-trichlorobenzene
Concen: 2.145 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV017528.D
Acq: 17 Jul 2020 17:04

Tgt Ion:180 Resp: 7300

Ion	Ratio	Lower	Upper
180	100		
182	104.4	76.0	114.0
145	34.0	24.6	36.8