Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017321.D
Acq On : 02 Jul 2020 21:25
Operator : SY/MD
Sample : L3154-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 03 06:18:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	169786	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160768	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80249	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	42190	4.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.80%			
7) Chloroethane-d5	1.58	69	33019	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.20%			
11) 1,1-Dichloroethene-d2	2.13	63	66651	3.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%			
20) 2-Butanone-d5	3.92	46	99624	38.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.72%			
24) Chloroform-d	4.38	84	92530	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
26) 1,2-Dichloroethane-d4	5.06	65	51649	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.08	84	169503	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.40%			
36) 1,2-Dichloropropane-d6	6.10	67	48832	3.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.20%			
41) Toluene-d8	7.34	98	153438	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
45) trans-1,3-Dichloropropene-	7.65	79	19848	3.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.40%			
48) 2-Hexanone-d5	8.11	63	64436	32.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 65.04%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33630	4.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	64321	4.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	26245	2.356	ug/L	93
8) Chloroethane	1.58	64	11911	1.934	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	672	0.075	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	791	0.097	ug/L #	1
16) Methylene chloride	2.53	84	6208	0.711	ug/L	91
17) Methyl tert-butyl Ether	2.79	73	202386	9.892	ug/L	96
19) 1,1-Dichloroethane	3.21	63	3359	0.173	ug/L #	89
22) cis-1,2-Dichloroethene	3.95	96	3595	0.304	ug/L	90
30) Cyclohexane	4.71	56	6940	0.379	ug/L #	93
33) Benzene	5.13	78	39630	0.941	ug/L	100
34) Trichloroethene	5.95	95	2108	0.171	ug/L	94
35) Methylcyclohexane	6.10	83	13321	0.695	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6455	0.619	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1729	0.112	ug/L #	70
46) trans-1,3-Dichloropropene	7.65	75	1042	0.078	ug/L	91
50) 2-Hexanone	8.17	43	4383	1.023	ug/L #	87
60) 1,1,2,2-Tetrachloroethane	10.24	83	765	0.100	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017321.D
Acq On : 02 Jul 2020 21:25
Operator : SY/MD
Sample : L3154-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 03 06:18:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017321.D
Acq On : 02 Jul 2020 21:25
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

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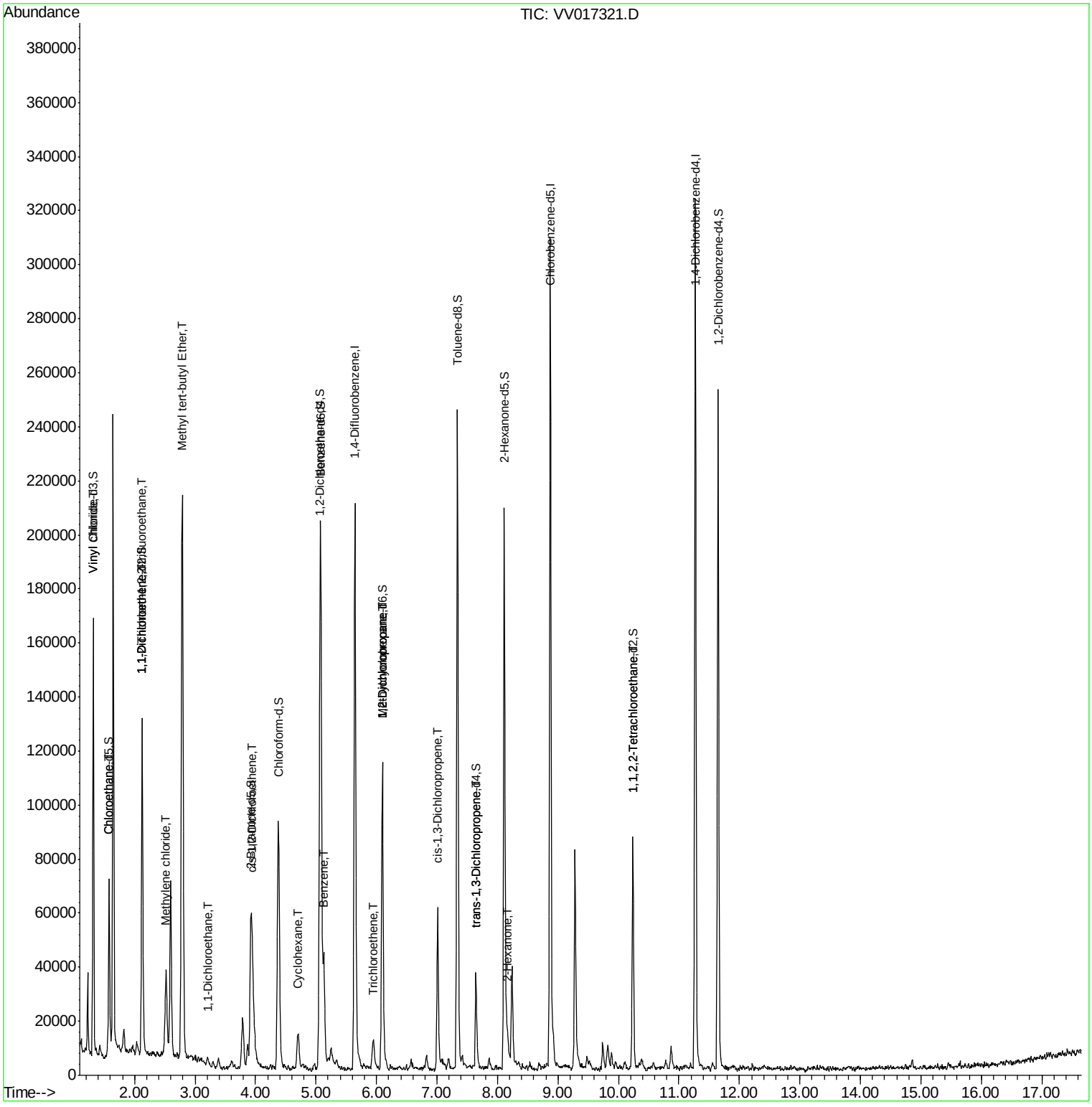
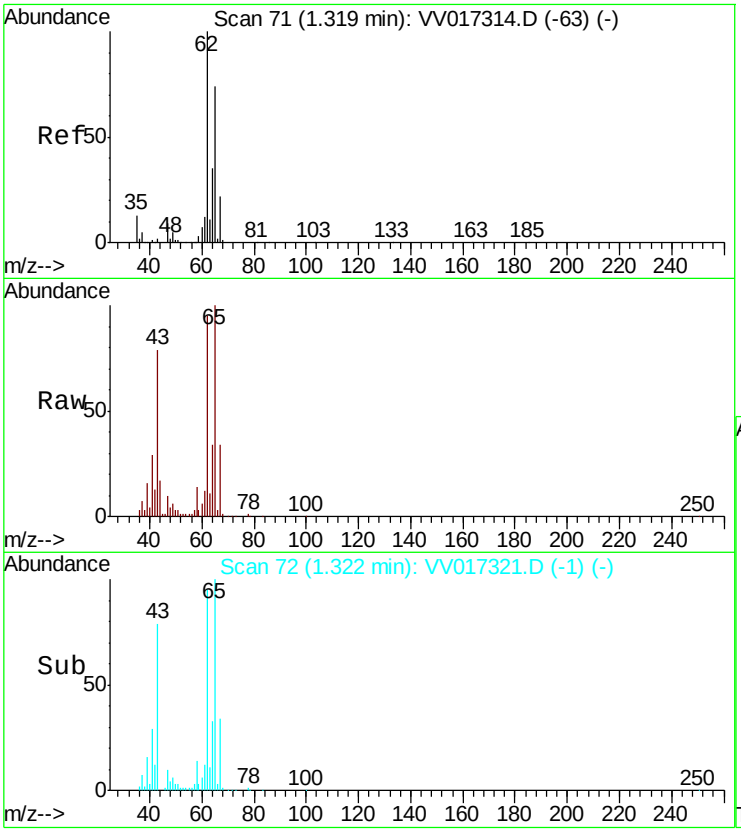
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration



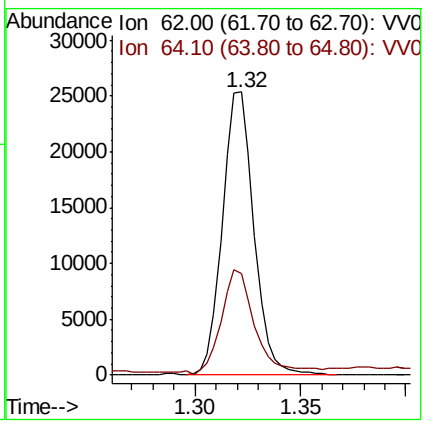


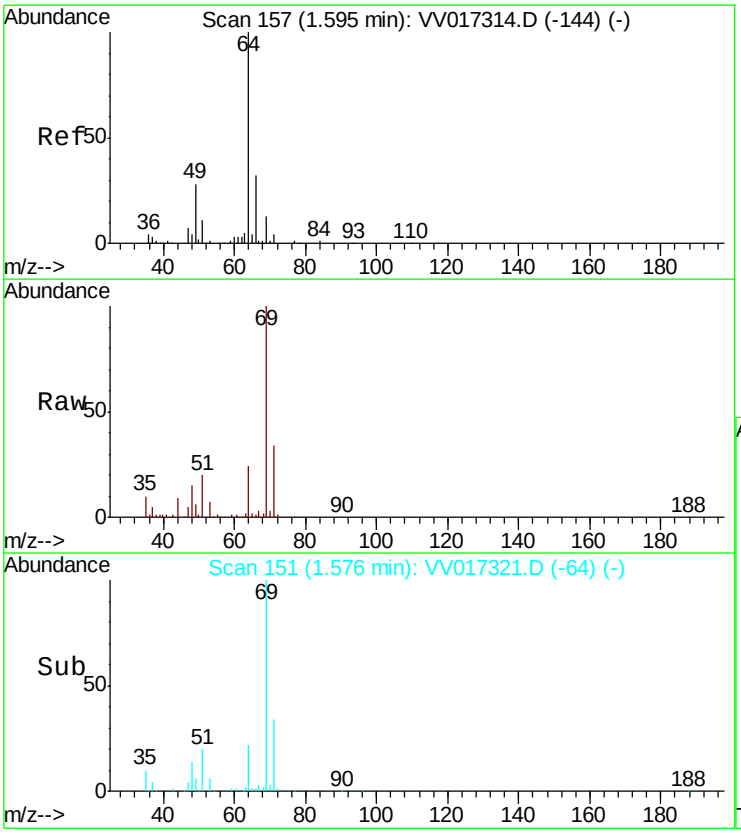
#5
Vinyl chloride
Concen: 2.356 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 26245

Ion	Ratio	Lower	Upper
62	100		
64	35.7	22.5	41.7

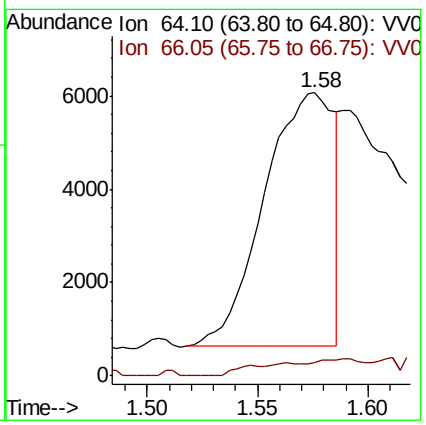


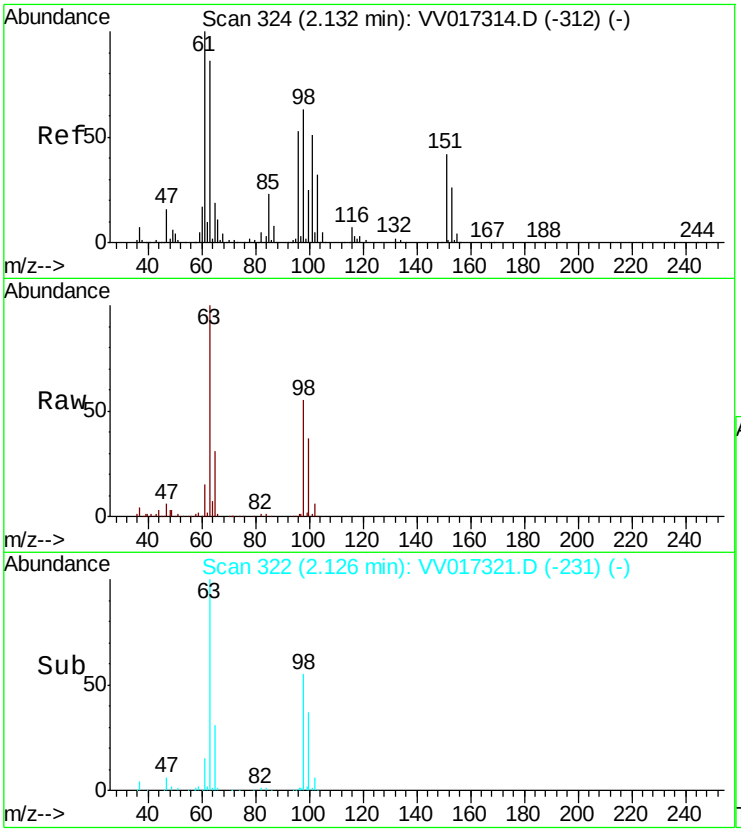


#8
Chloroethane
Concen: 1.934 ug/L
RT: 1.58 min Scan# 151
Delta R.T. -0.02 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Tgt Ion: 64 Resp: 11911

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.8	42.4#



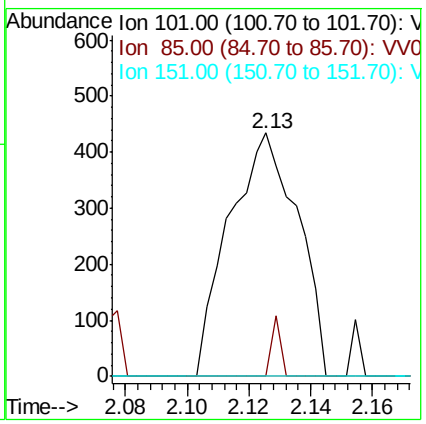


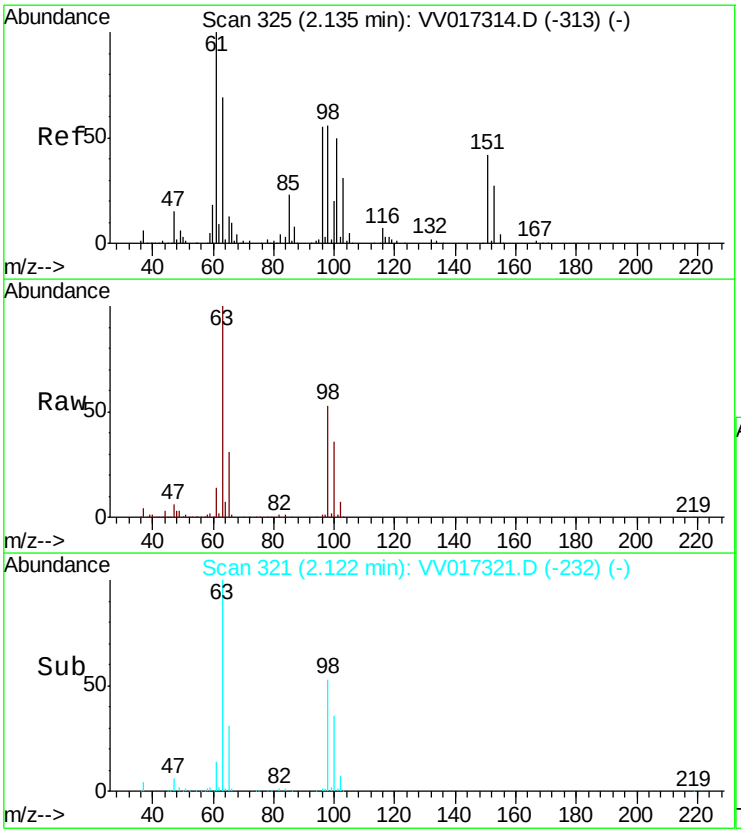
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 672

Ion	Ratio	Lower	Upper
101	100		
85	3.1	35.4	53.2#
151	0.0	63.9	95.9#

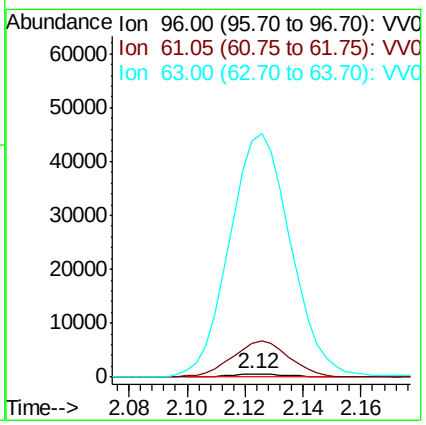


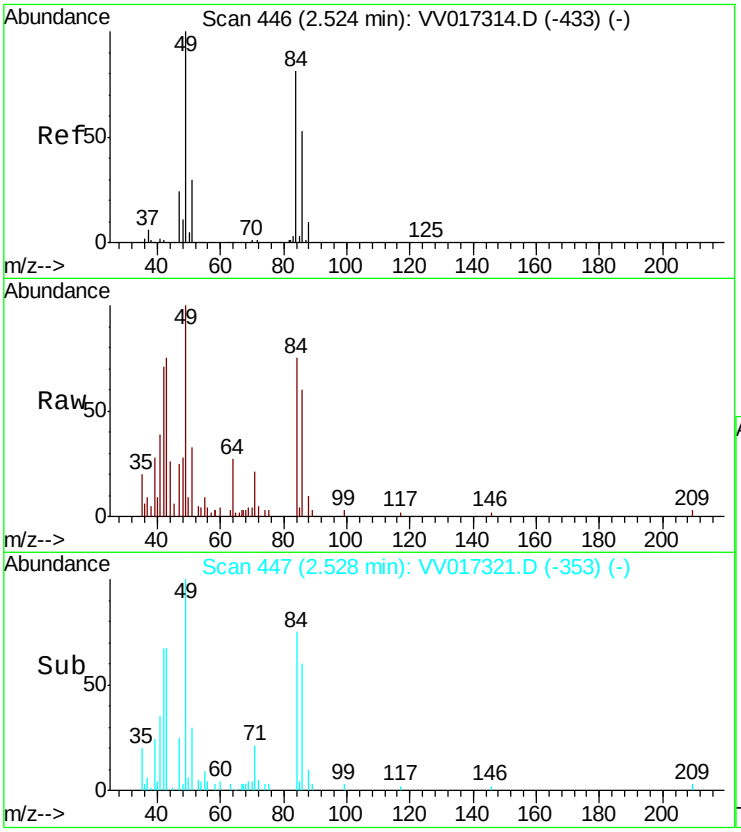


#12
1,1-Dichloroethene
Concen: 0.097 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Tgt Ion: 96 Resp: 791

Ion	Ratio	Lower	Upper
96	100		
61	1067.9	125.0	232.2#
63	7568.3	109.8	203.8#



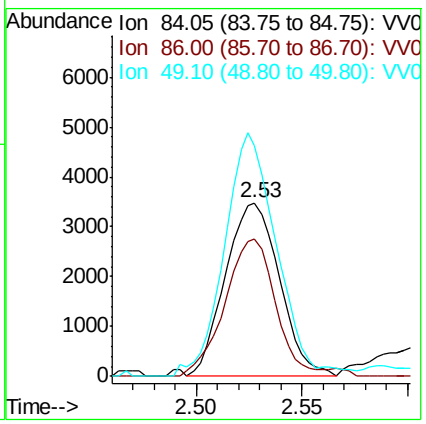


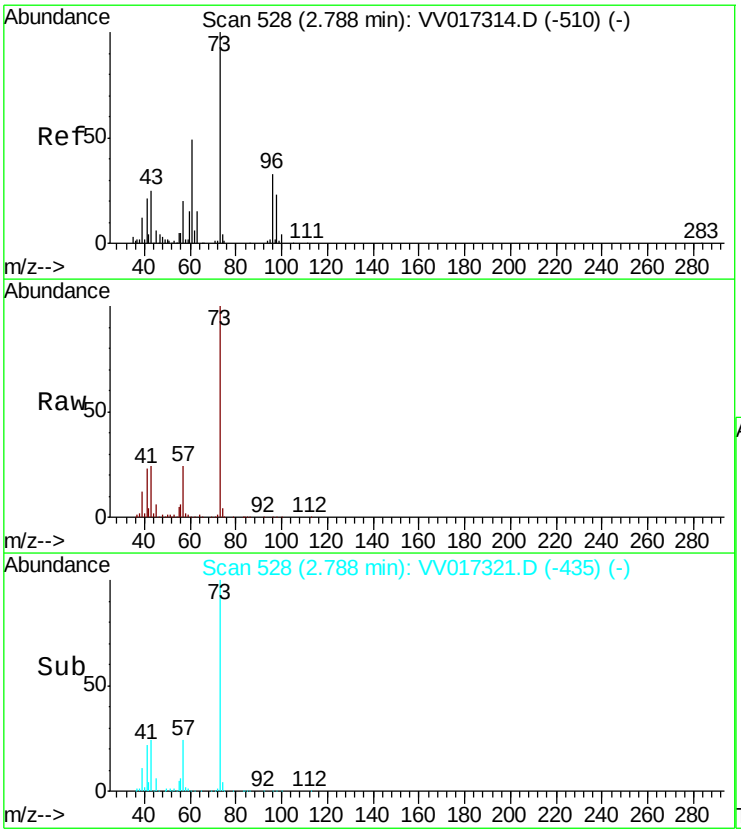
#16
Methylene chloride
Concen: 0.711 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 6208

Ion	Ratio	Lower	Upper
84	100		
86	79.2	45.8	85.0
49	133.0	89.6	166.4

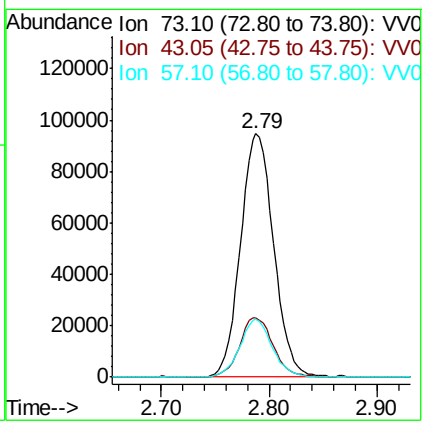


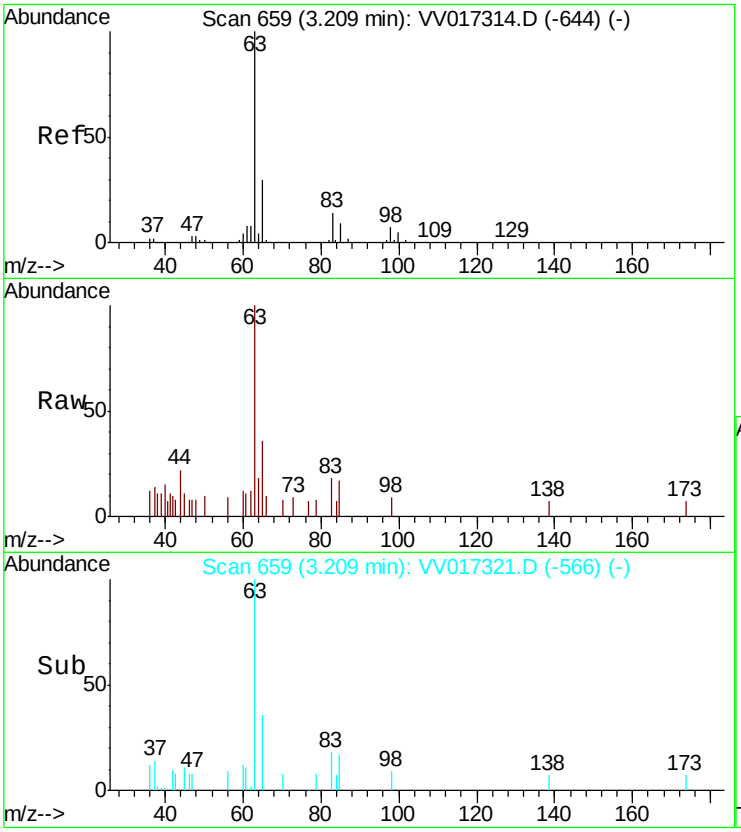


#17
Methyl tert-butyl Ether
Concen: 9.892 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Tgt Ion: 73 Resp: 202386

Ion	Ratio	Lower	Upper
73	100		
43	24.8	18.6	28.0
57	23.2	16.4	24.6



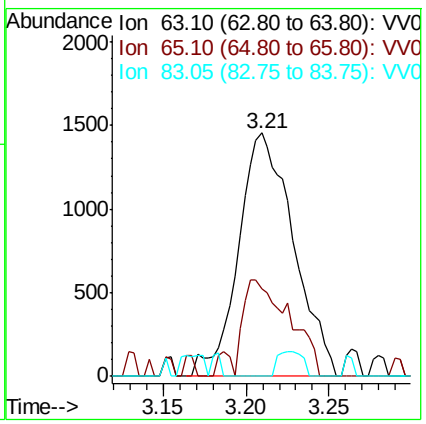


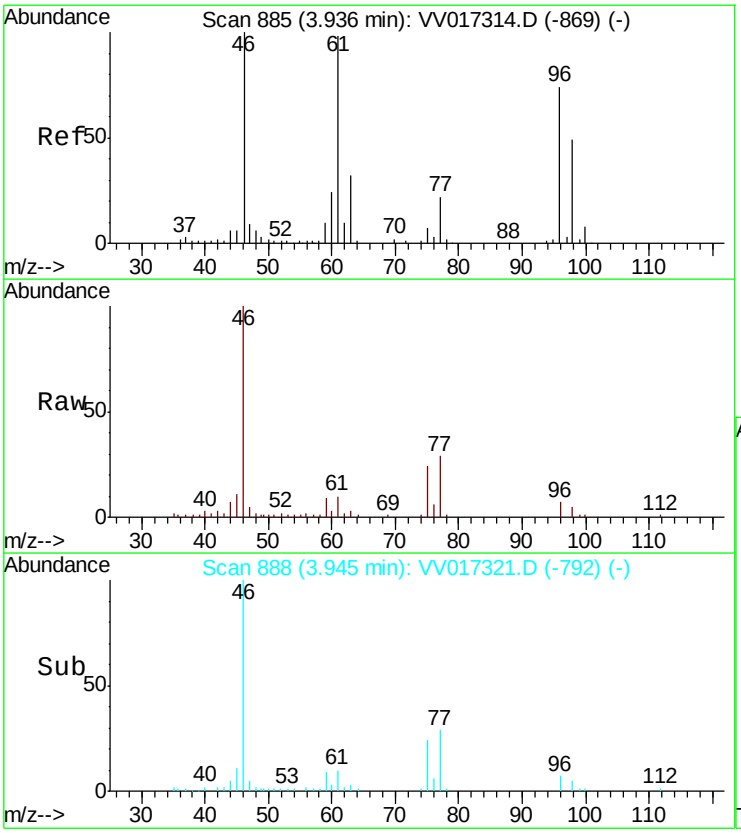
#19
1,1-Dichloroethane
Concen: 0.173 ug/L
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3359

Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.8	40.4
83	0.0	9.7	17.9#

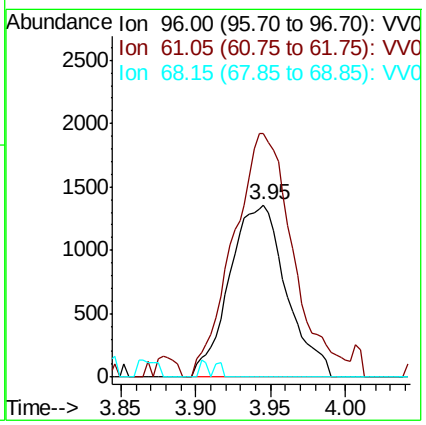


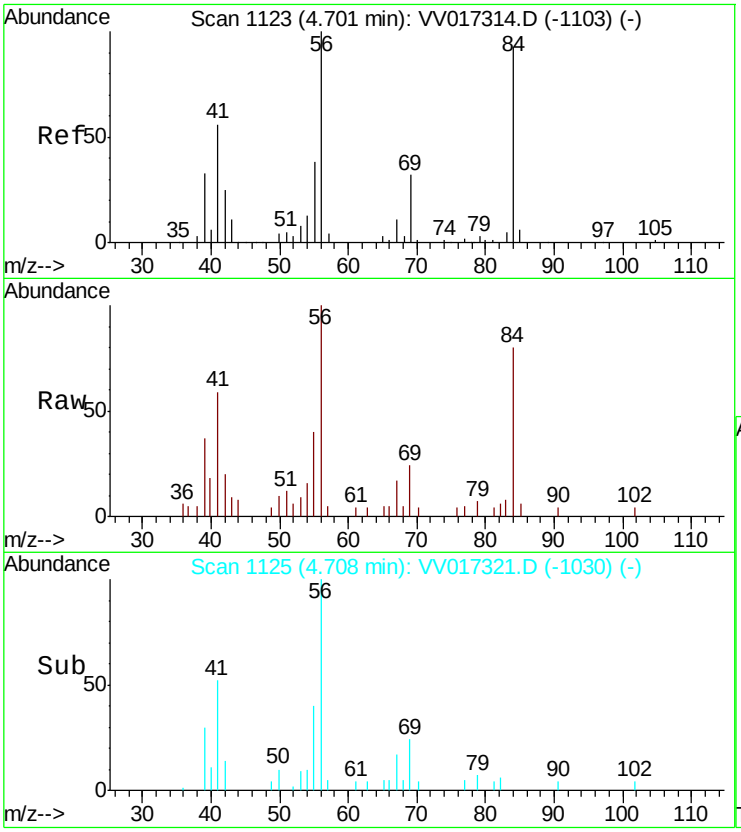


#22
cis-1,2-Dichloroethene
Concen: 0.304 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Tgt Ion: 96 Resp: 3595

Ion	Ratio	Lower	Upper
96	100		
61	141.4	91.0	169.0
68	0.0	0.0	0.0



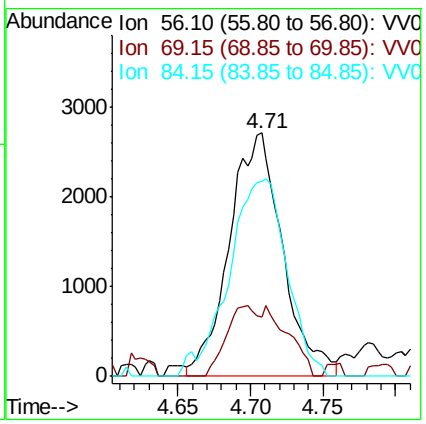


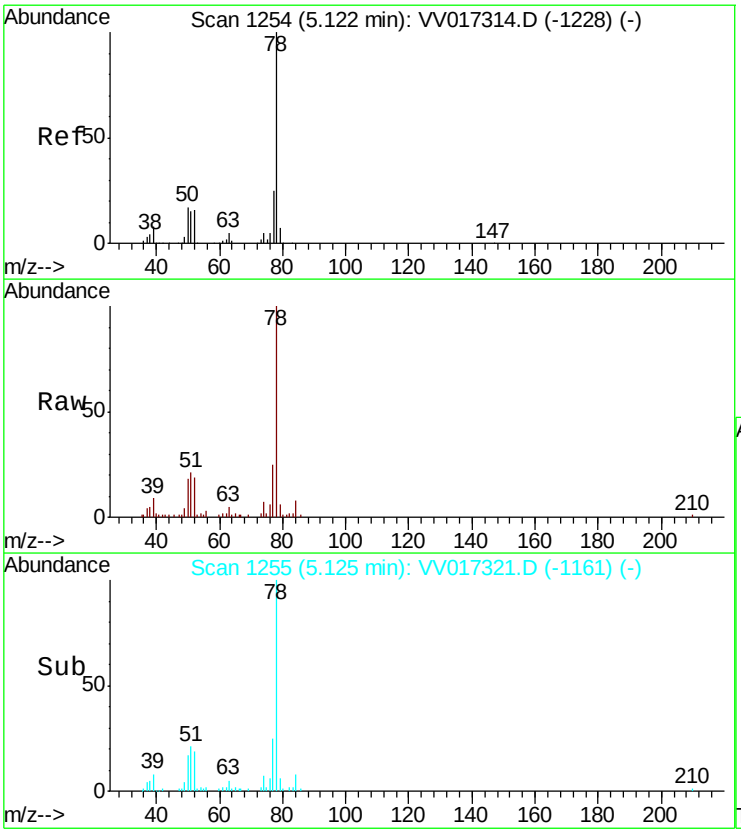
#30
Cyclohexane
Concen: 0.379 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 6940

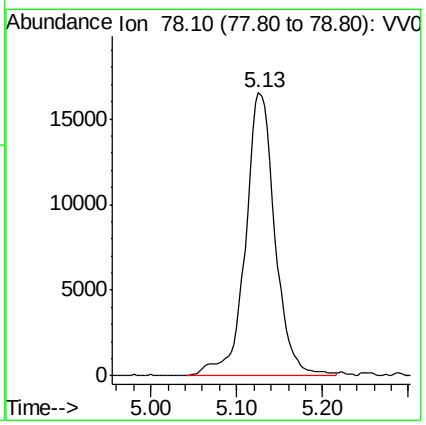
Ion	Ratio	Lower	Upper
56	100		
69	18.1	24.4	36.6#
84	85.8	69.9	104.9

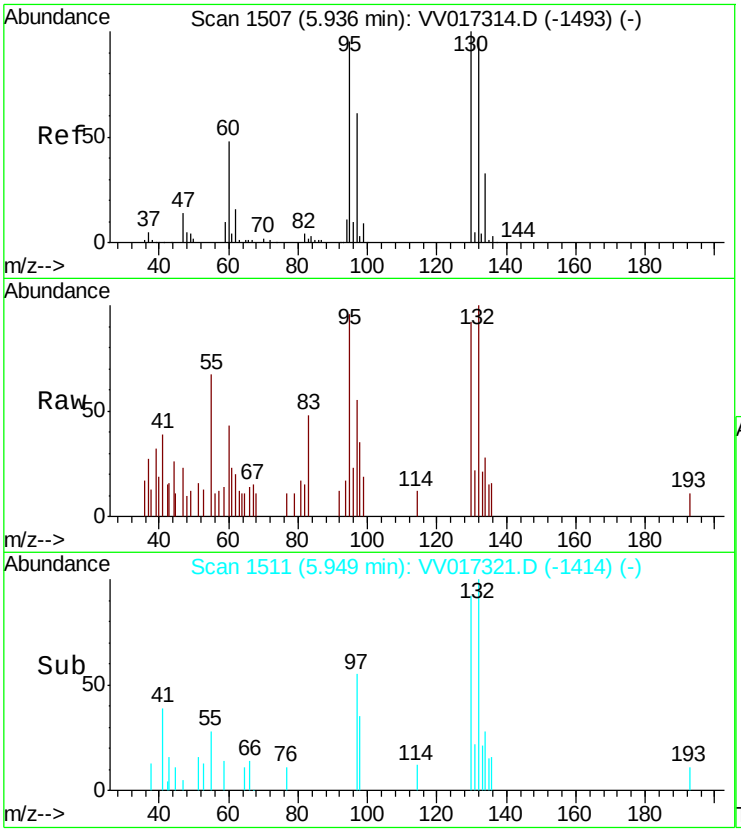




#33
Benzene
Concen: 0.941 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Tgt Ion: 78 Resp: 39630



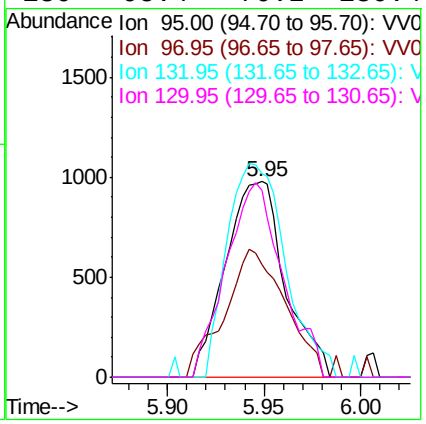


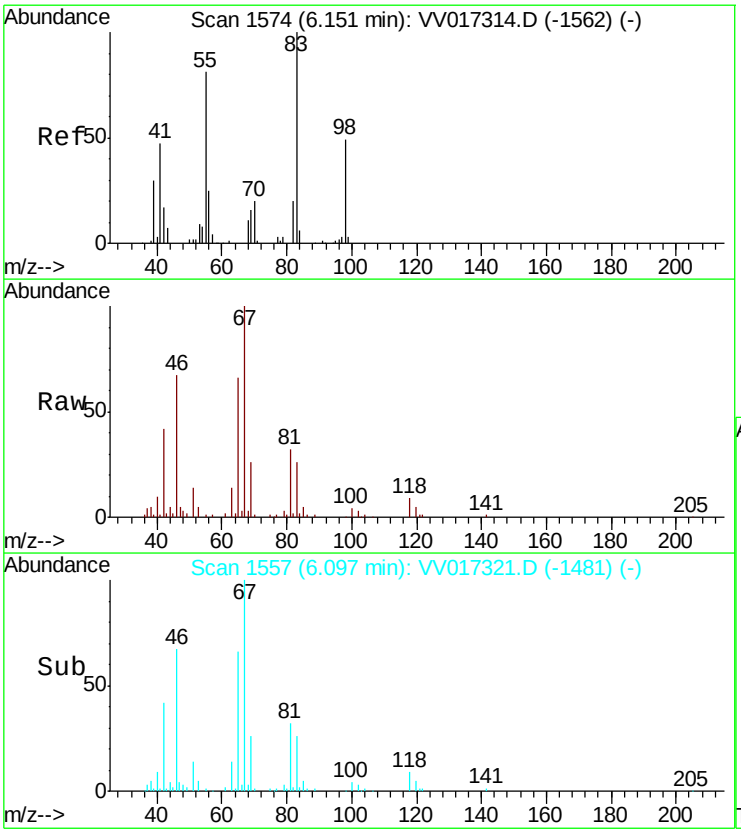
#34
Trichloroethene
Concen: 0.171 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2108

Ion	Ratio	Lower	Upper
95	100		
97	57.5	45.3	84.1
132	104.1	68.8	127.8
130	95.4	70.2	130.4

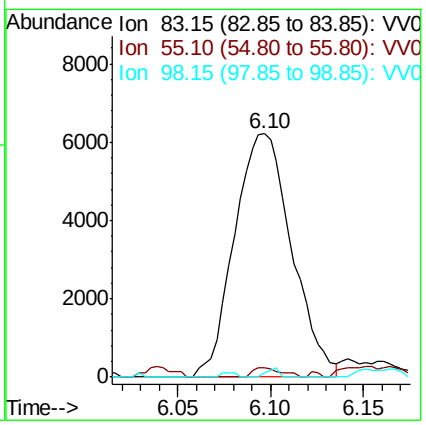


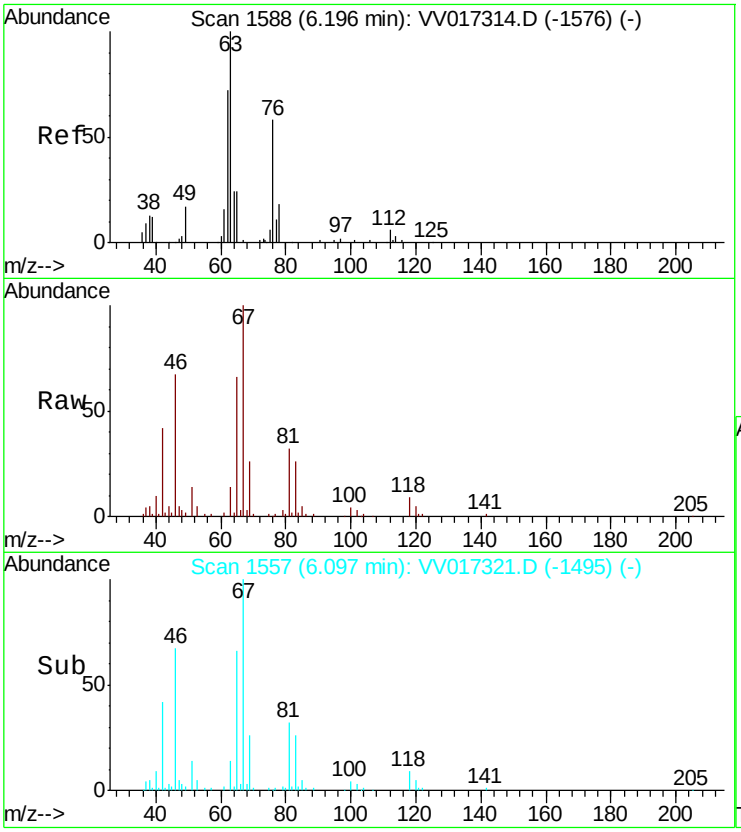


#35
Methylcyclohexane
Concen: 0.695 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Tgt Ion: 83 Resp: 13321

Ion	Ratio	Lower	Upper
83	100		
55	1.9	63.6	95.4#
98	0.8	38.8	58.2#



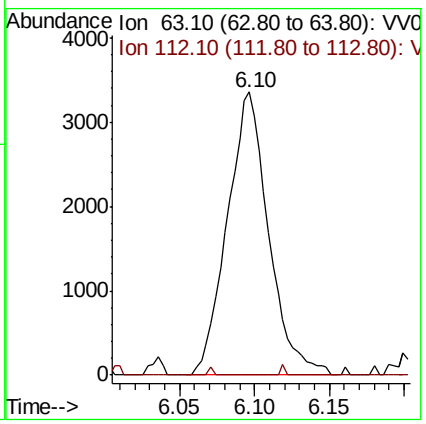


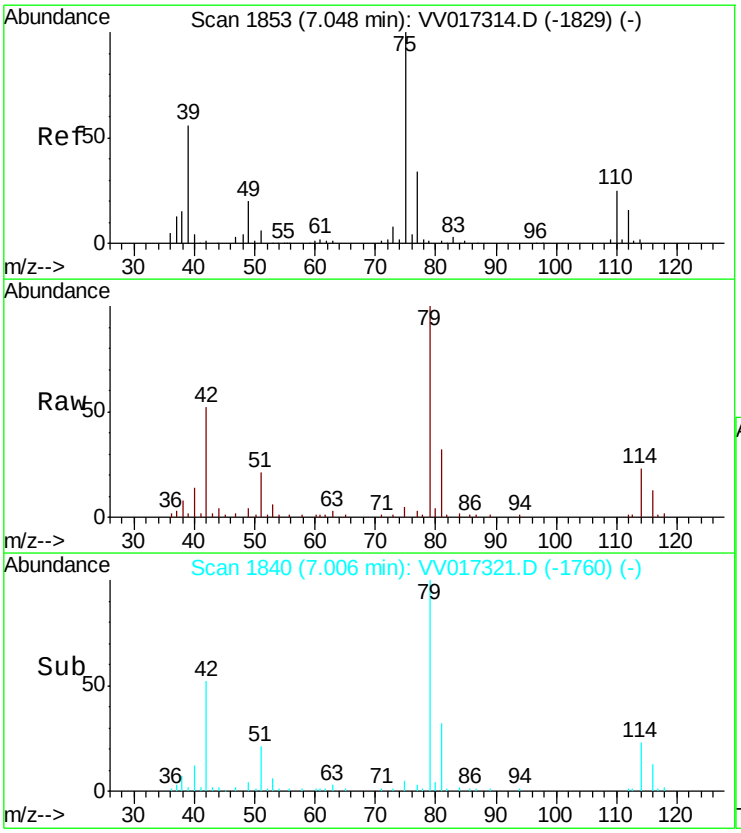
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 6455

Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.4	6.6#

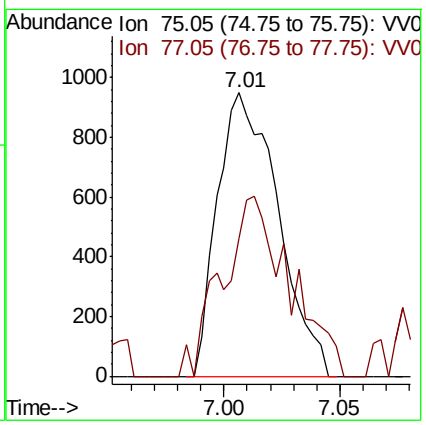


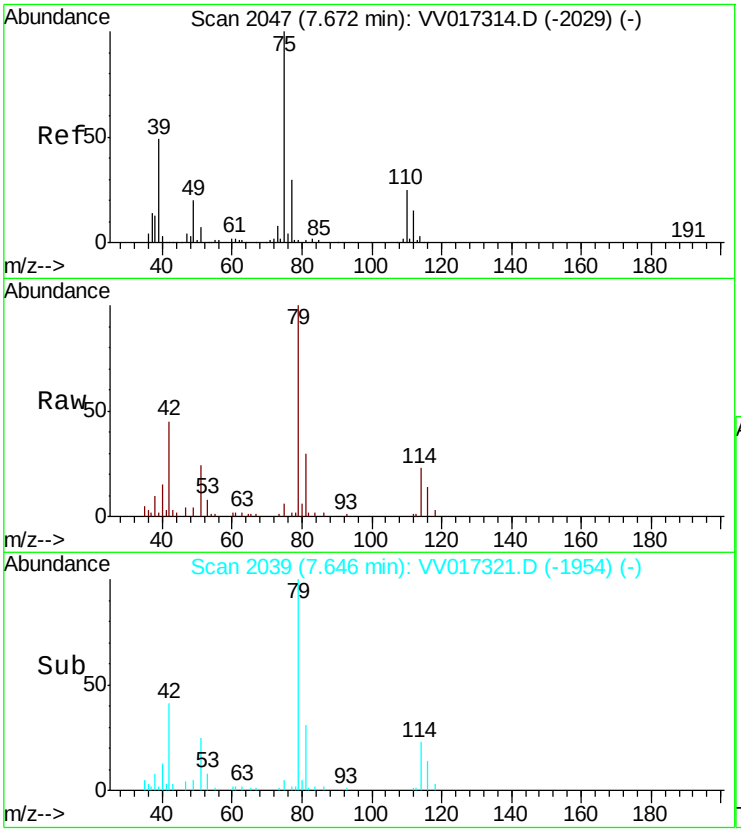


#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Tgt Ion: 75 Resp: 1729

Ion	Ratio	Lower	Upper
75	100		
77	48.7	22.3	41.5#



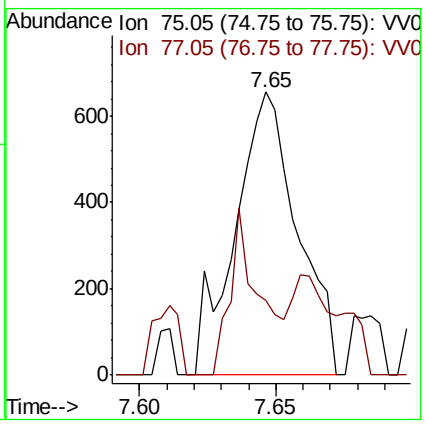


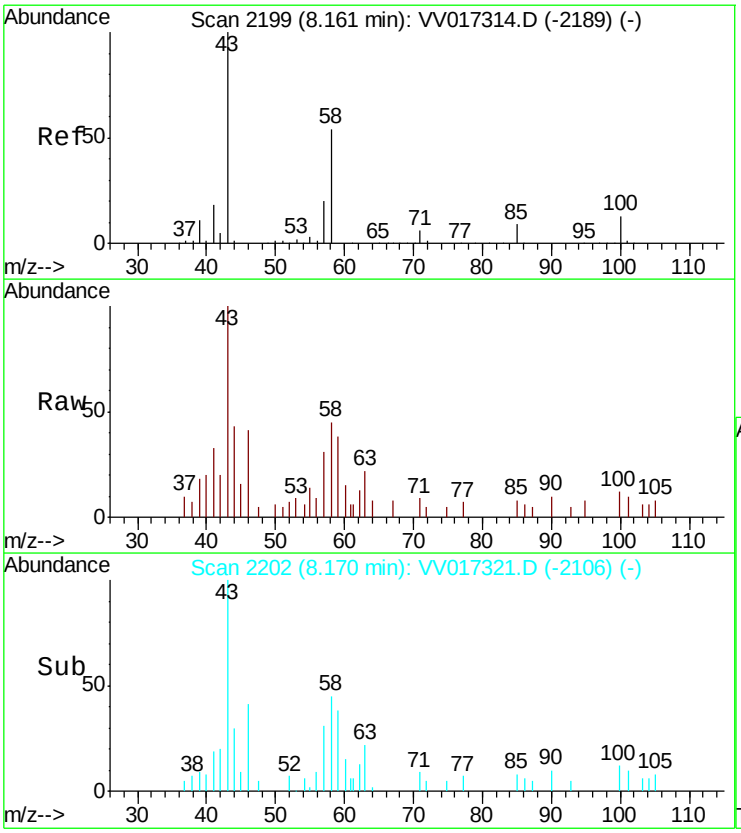
#46
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1042

Ion	Ratio	Lower	Upper
75	100		
77	26.5	22.3	41.3

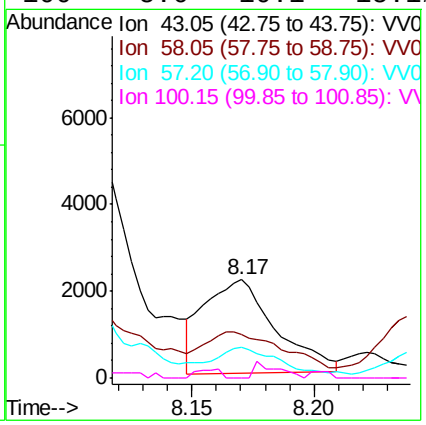


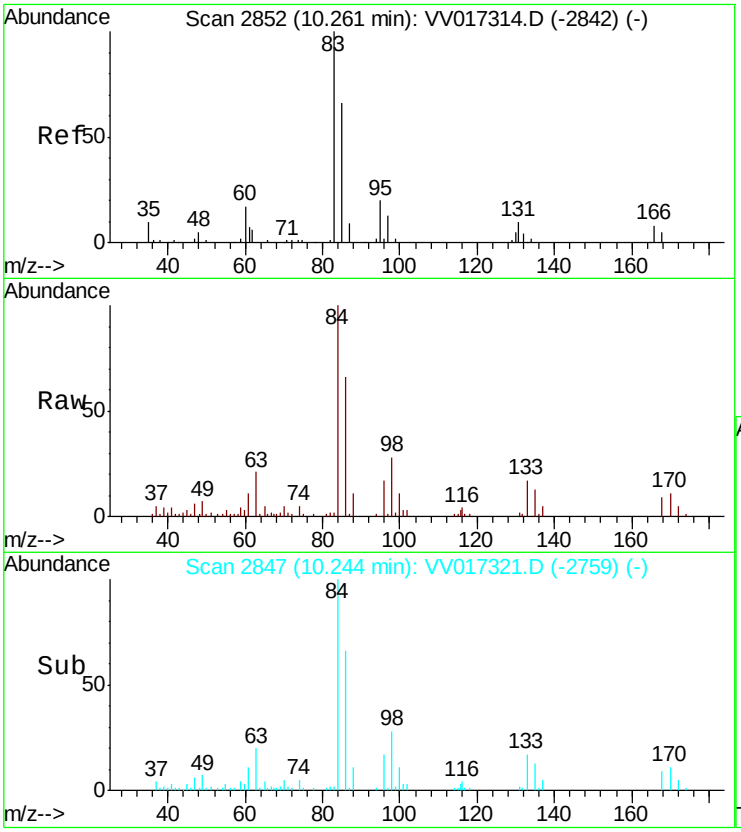


#50
2-Hexanone
Concen: 1.023 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Tgt Ion: 43 Resp: 4383

Ion	Ratio	Lower	Upper
43	100		
58	59.5	41.6	62.4
57	26.4	15.4	23.0#
100	5.6	10.1	15.1#





#60
1,1,2,2-Tetrachloroethane
Concen: 0.100 ug/L
RT: 10.24 min Scan# 2847
Delta R.T. -0.02 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 765

Ion	Ratio	Lower	Upper
83	100		
85	0.0	42.9	79.7#
131	98.1	8.6	13.0#