Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
Data File : VV017999.D
Acq On : 14 Aug 2020 15:51
Operator : SY/MD
Sample : L3665-02DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L25DL

Quant Time: Aug 17 01:37:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	247010	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	244488	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113889	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	61838	32.81	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.62%				
7) Chloroethane-d5	1.58	69	57914	37.56	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.12%				
11) 1,1-Dichloroethene-d2	2.12	63	99739	27.67	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.34%#				
21) 2-Butanone-d5	3.91	46	114833	93.03	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.03%				
24) Chloroform-d	4.38	84	142535	41.55	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.10%				
26) 1,2-Dichloroethane-d4	5.06	65	98725	44.30	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.60%				
32) Benzene-d6	5.08	84	273225	40.55	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.10%				
36) 1,2-Dichloropropane-d6	6.09	67	93373	42.39	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.78%				
41) Toluene-d8	7.34	98	237342	39.17	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.34%#				
43) trans-1,3-Dichloropropene-	7.64	79	40572	40.61	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.22%				
47) 2-Hexanone-d5	8.11	63	54225	76.71	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.71%				
57) 1,1,2,2-Tetrachloroethane-	10.24	84	122155	42.59	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.18%				
64) 1,2-Dichlorobenzene-d4	11.65	152	109119	48.68	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.36%				
Target Compounds							Qvalue
5) Vinyl chloride	1.32	62	130952	59.664	ug/L		100
13) Acetone	2.19	43	1224	0.960	ug/L		67
16) Methylene chloride	2.52	84	2194	1.039	ug/L		92
17) trans-1,2-Dichloroethene	2.78	96	2767	1.625	ug/L		95
20) cis-1,2-Dichloroethene	3.94	96	21373	11.419	ug/L		97
25) Chloroform	4.41	83	3544	1.015	ug/L		84
35) Methylcyclohexane	6.10	83	22446	7.550	ug/L	#	17
37) 1,2-Dichloropropane	6.09	63	10340	5.013	ug/L	#	87
39) cis-1,3-Dichloropropene	7.01	75	2274	0.778	ug/L	#	60
48) 2-Hexanone	8.17	43	7179	3.301	ug/L	#	51
59) 1,2,3-Trichloropropane	11.27	75	14173	5.563	ug/L		94

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

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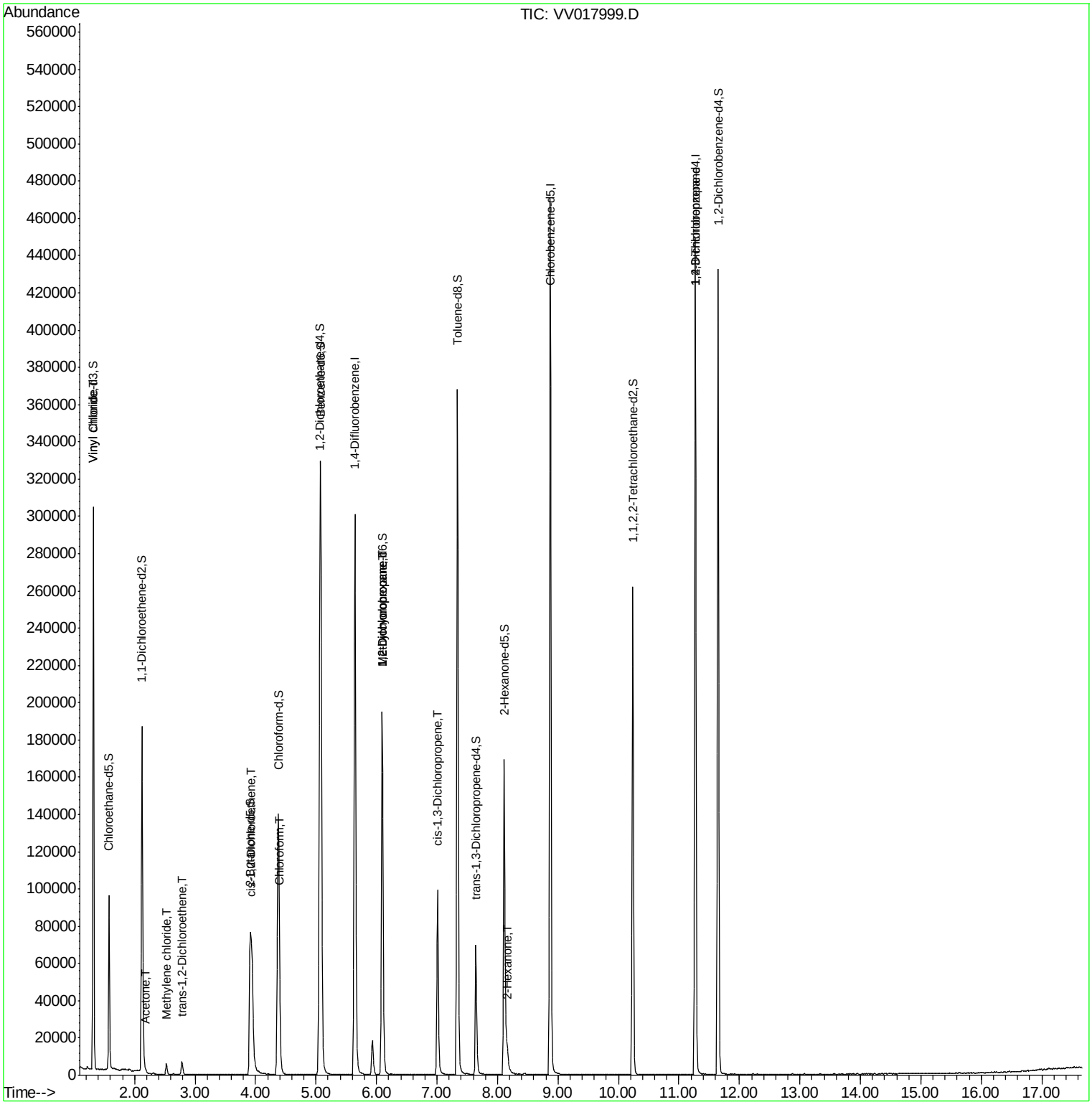
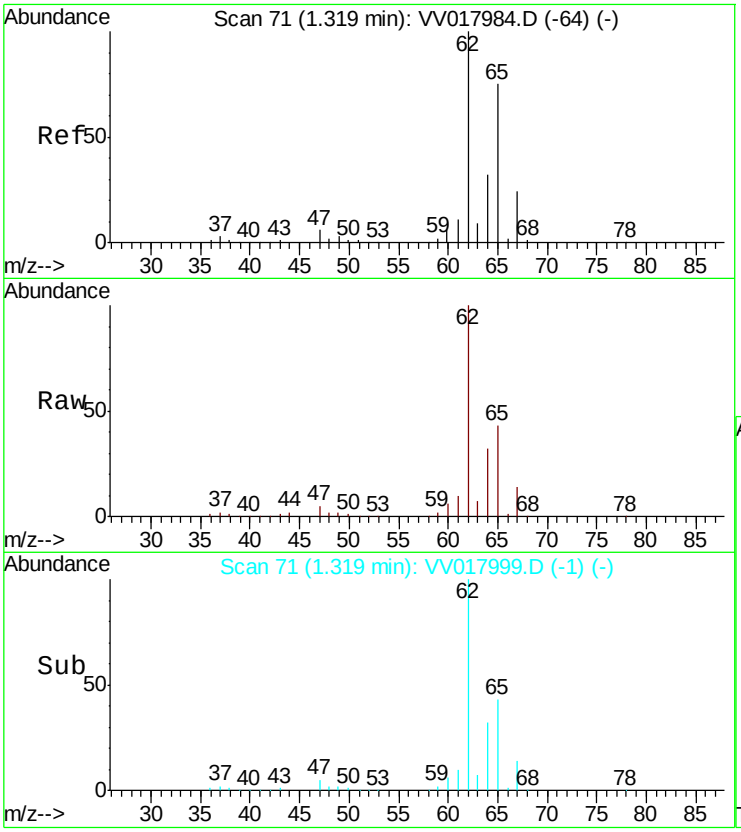
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L25DL

Quant Time: Aug 17 01:37:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration



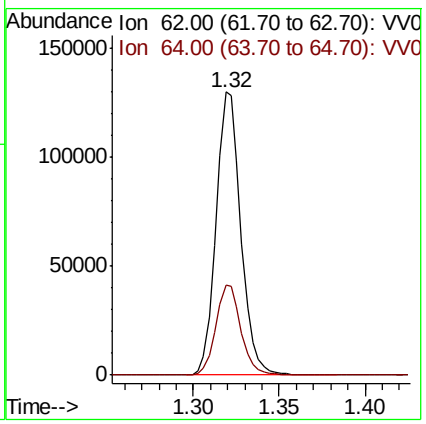


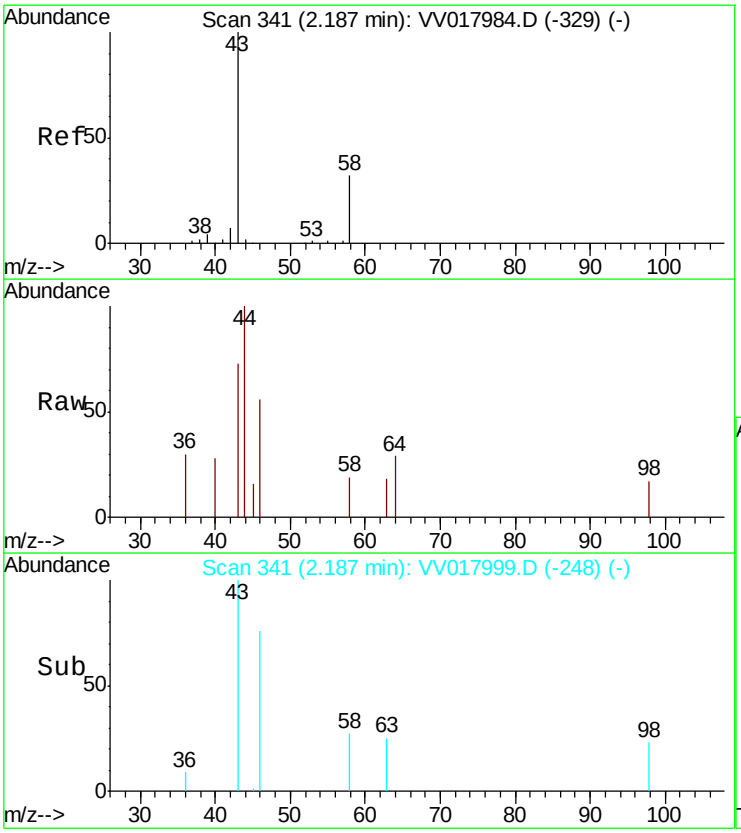
#5
Vinyl chloride
Concen: 59.664 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :
F4L25DL

Tgt Ion: 62 Resp: 130952

Ion	Ratio	Lower	Upper
62	100		
64	31.9	22.4	41.6

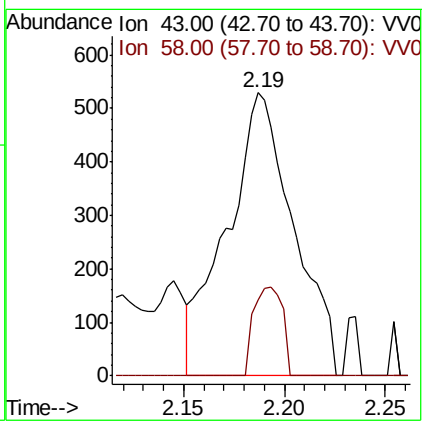


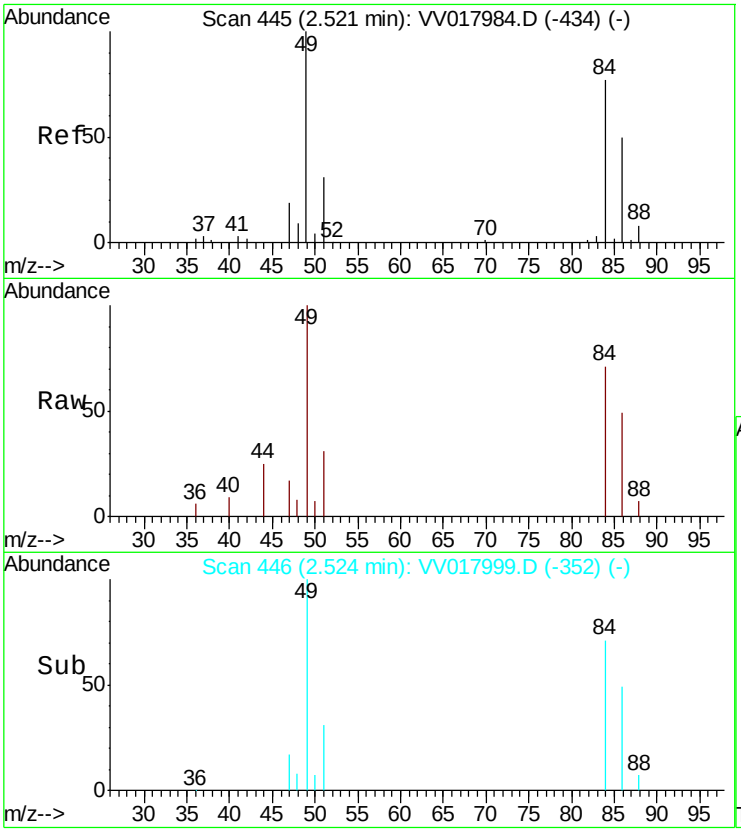


#13
Acetone
Concen: 0.960 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Tgt Ion: 43 Resp: 1224

Ion	Ratio	Lower	Upper
43	100		
58	13.6	0.0	63.6



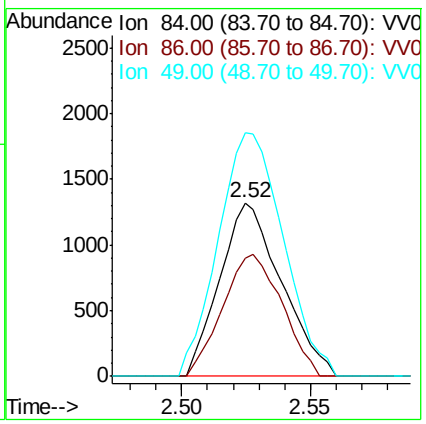


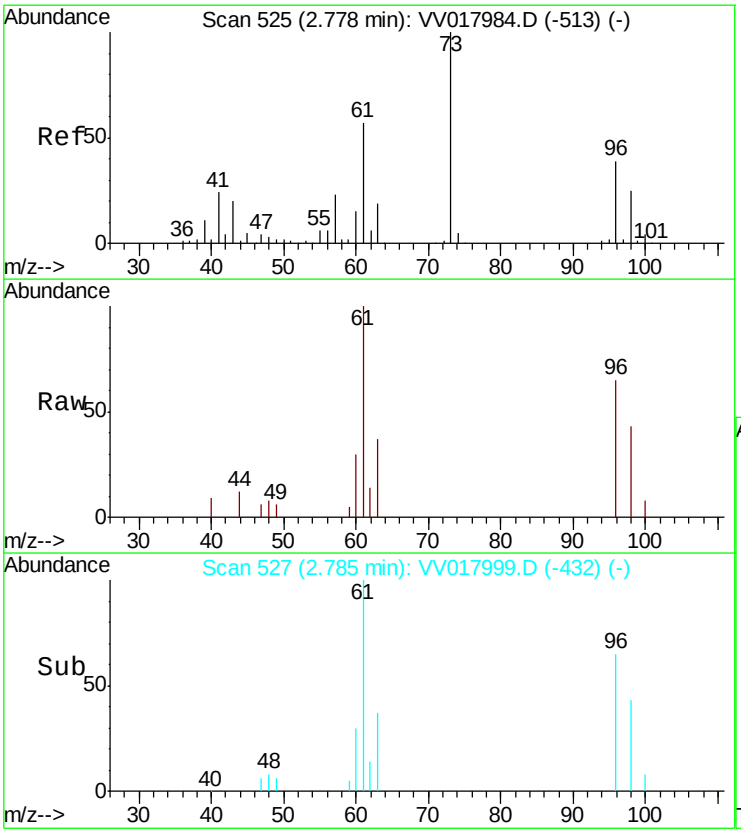
#16
Methylene chloride
Concen: 1.039 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Instrument : MSVOA_V
ClientSampleId : F4L25DL

Tgt Ion: 84 Resp: 2194

Ion	Ratio	Lower	Upper
84	100		
86	68.3	46.3	85.9
49	140.5	89.7	166.5

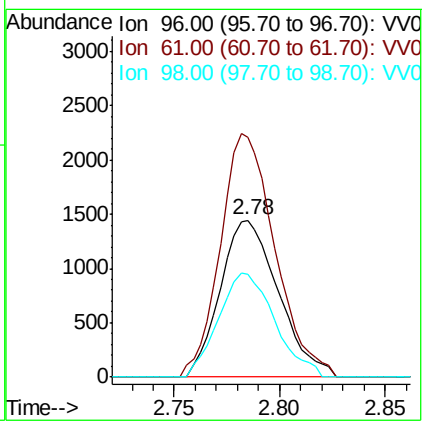


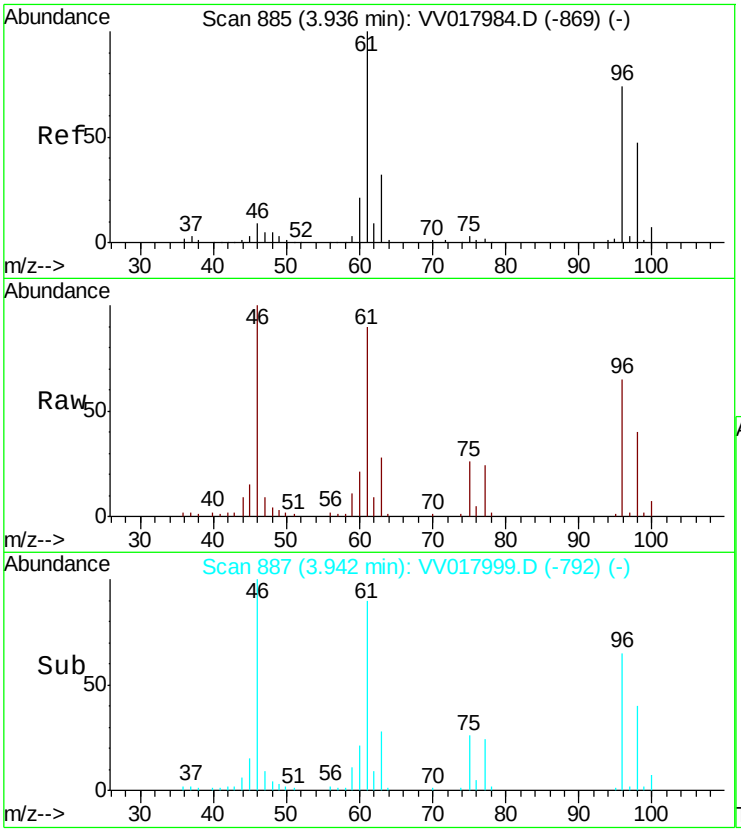


#17
trans-1,2-Dichloroethene
Concen: 1.625 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Tgt Ion: 96 Resp: 2767

Ion	Ratio	Lower	Upper
96	100		
61	153.0	102.4	190.2
98	65.6	44.4	82.5



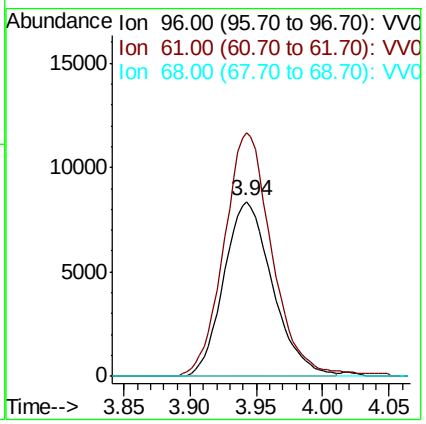


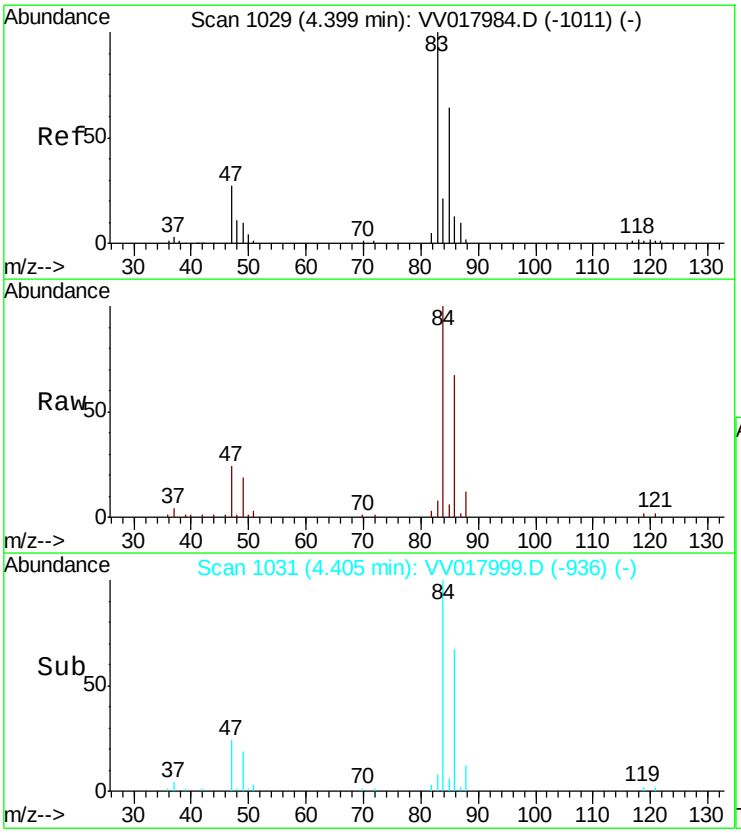
#20
cis-1,2-Dichloroethene
Concen: 11.419 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :
F4L25DL

Tgt Ion: 96 Resp: 21373

Ion	Ratio	Lower	Upper
96	100		
61	139.5	95.0	176.4
68	0.0	0.0	0.0

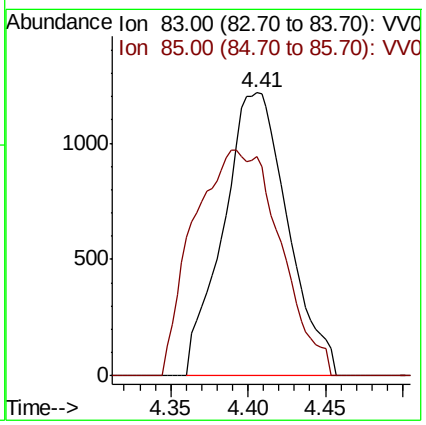


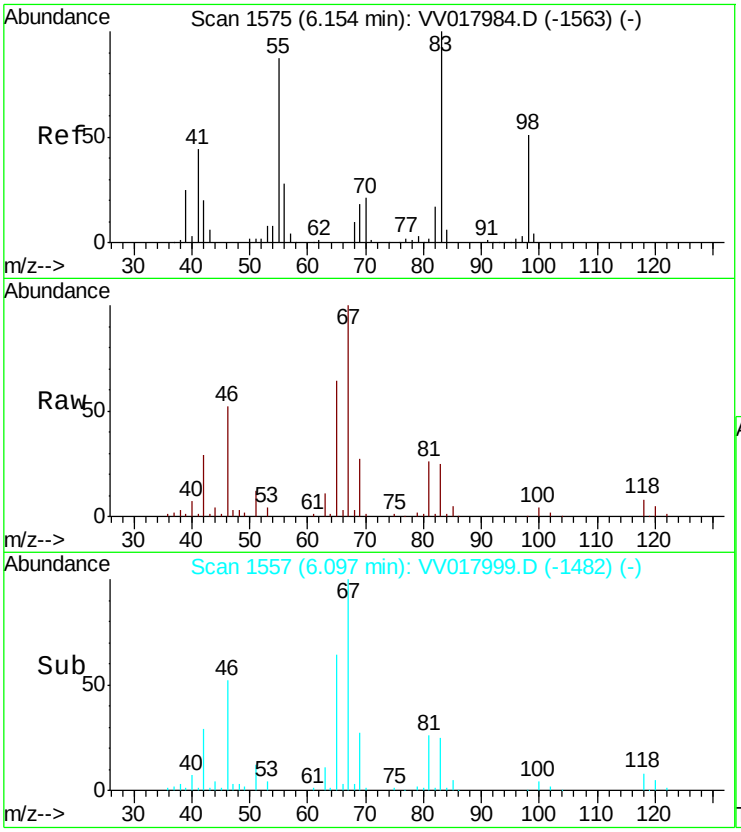


#25
Chloroform
Concen: 1.015 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Tgt Ion: 83 Resp: 3544

Ion	Ratio	Lower	Upper
83	100		
85	77.4	45.5	84.5



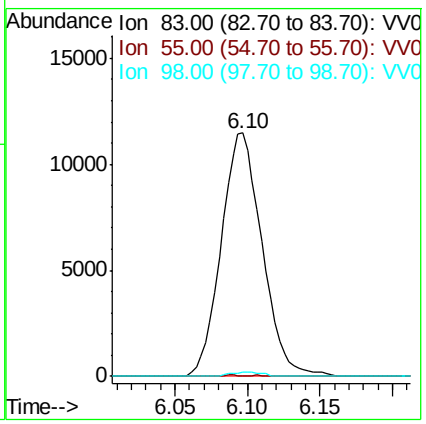


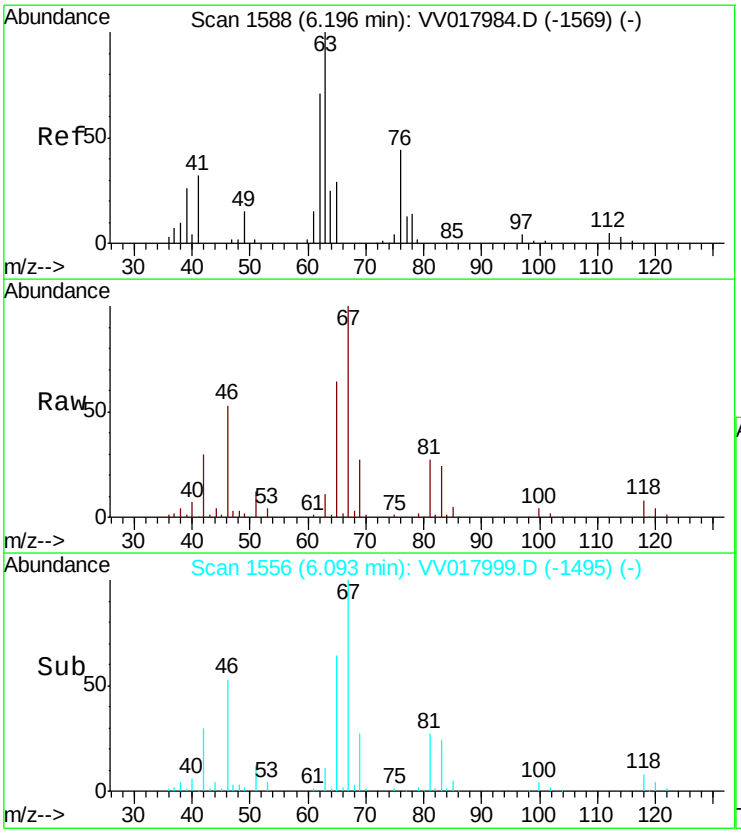
#35
Methylcyclohexane
Concen: 7.550 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Instrument : MSVOA_V
ClientSampleId : F4L25DL

Tgt Ion: 83 Resp: 22446

Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.9	97.3#
98	1.3	38.7	58.1#

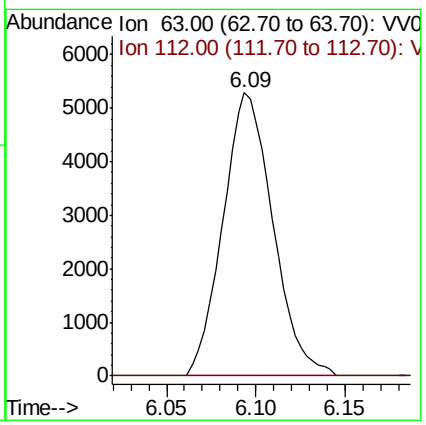


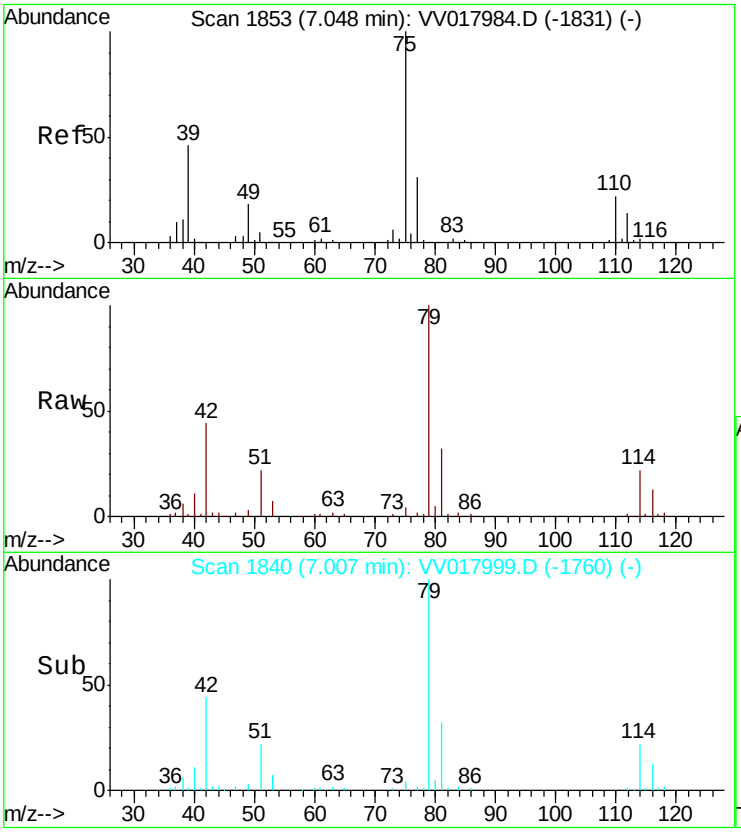


#37
1,2-Dichloropropane
Concen: 5.013 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Tgt Ion: 63 Resp: 10340

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



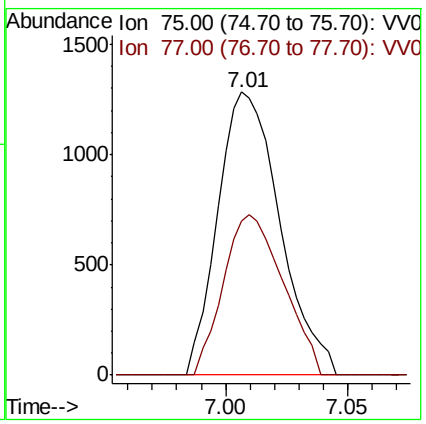


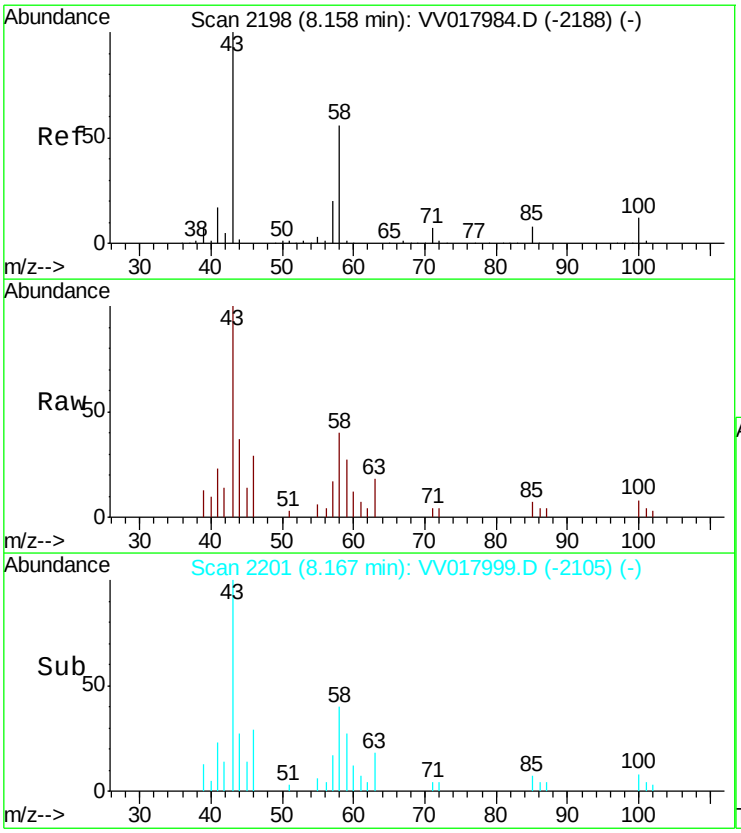
#39
cis-1,3-Dichloropropene
Concen: 0.778 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Instrument : MSVOA_V
ClientSampleId : F4L25DL

Tgt Ion: 75 Resp: 2274

Ion	Ratio	Lower	Upper
75	100		
77	54.4	22.3	41.5#

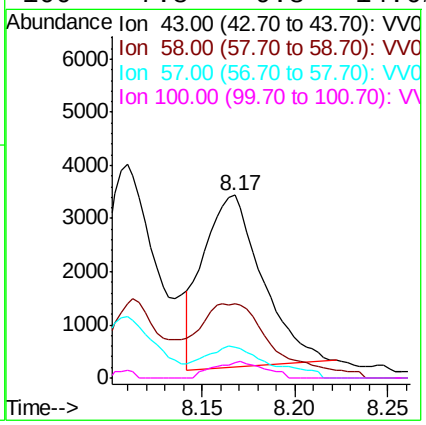


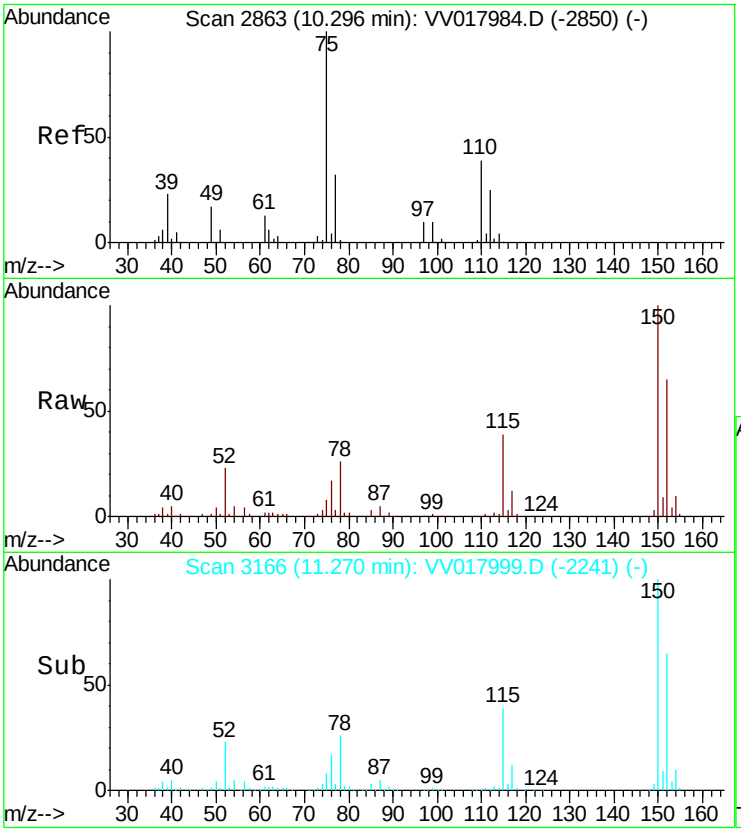


#48
2-Hexanone
Concen: 3.301 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Tgt Ion: 43 Resp: 7179

Ion	Ratio	Lower	Upper
43	100		
58	6.7	44.4	66.6#
57	10.9	15.2	22.8#
100	7.8	9.8	14.6#





#59
1,2,3-Trichloropropane
Concen: 5.563 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV017999.D
Acq: 14 Aug 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :
F4L25DL

Tgt Ion: 75 Resp: 14173

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.7	38.5