Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017348.D
Acq On : 06 Jul 2020 13:41
Operator : SY/MD
Sample : L3154-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4271

Quant Time: Jul 07 01:17:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162120	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	158384	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77734	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	41195	4.23	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.60%				
7) Chloroethane-d5	1.58	69	35203	4.98	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.60%				
11) 1,1-Dichloroethene-d2	2.13	63	61492	3.32	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.40%				
20) 2-Butanone-d5	3.93	46	118683	47.86	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.72%				
24) Chloroform-d	4.38	84	98072	4.71	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%				
26) 1,2-Dichloroethane-d4	5.06	65	56620	5.13	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%				
32) Benzene-d6	5.08	84	174130	4.24	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%				
36) 1,2-Dichloropropane-d6	6.10	67	52778	4.29	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.80%				
41) Toluene-d8	7.34	98	149817	3.89	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%				
45) trans-1,3-Dichloropropene-	7.65	79	18437	3.60	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.00%				
48) 2-Hexanone-d5	8.11	63	79639	40.80	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.60%				
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38851	4.75	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%				
65) 1,2-Dichlorobenzene-d4	11.65	152	66414	4.62	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%				
Target Compounds							Qvalue
5) Vinyl chloride	1.32	62	492531	46.298	ug/L		99
8) Chloroethane	1.54	64	88656	15.080	ug/L	#	50
12) 1,1-Dichloroethene	2.14	96	2866	0.368	ug/L	#	1
13) Acetone	2.22	43	1740	1.388	ug/L		56
16) Methylene chloride	2.53	84	1368	0.164	ug/L		99
18) trans-1,2-Dichloroethene	2.78	96	38396	4.657	ug/L		96
19) 1,1-Dichloroethane	3.22	63	5172	0.279	ug/L	#	88
22) cis-1,2-Dichloroethene	3.94	96	234812	20.826	ug/L		98
33) Benzene	5.13	78	3367	0.081	ug/L		100
34) Trichloroethene	5.94	95	5951	0.490	ug/L		94
35) Methylcyclohexane	6.10	83	14768	0.782	ug/L	#	18
39) cis-1,3-Dichloropropene	7.01	75	1513	0.099	ug/L	#	66
46) trans-1,3-Dichloropropene	7.65	75	1104	0.084	ug/L		84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
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Acq On : 06 Jul 2020 13:41
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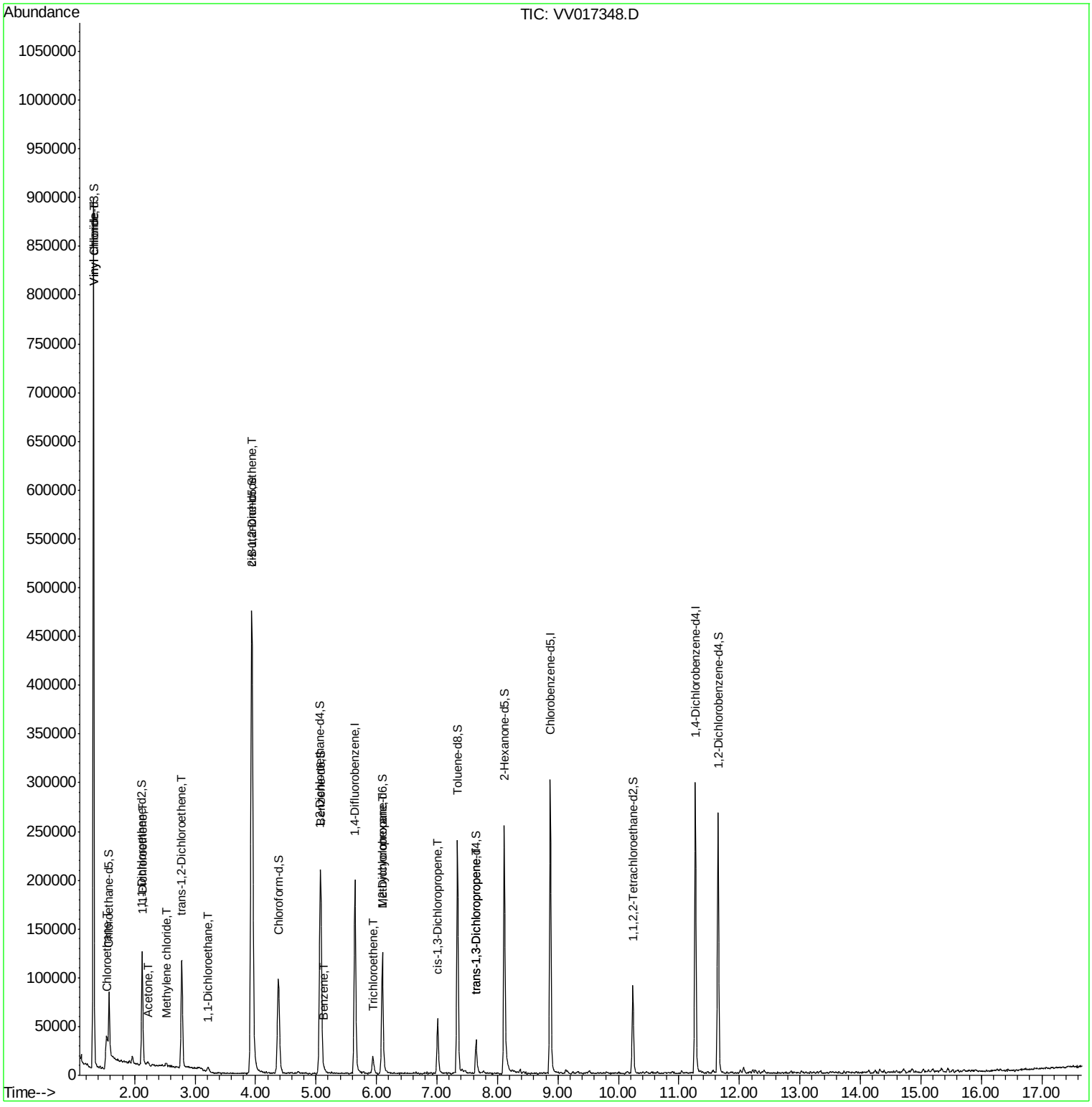
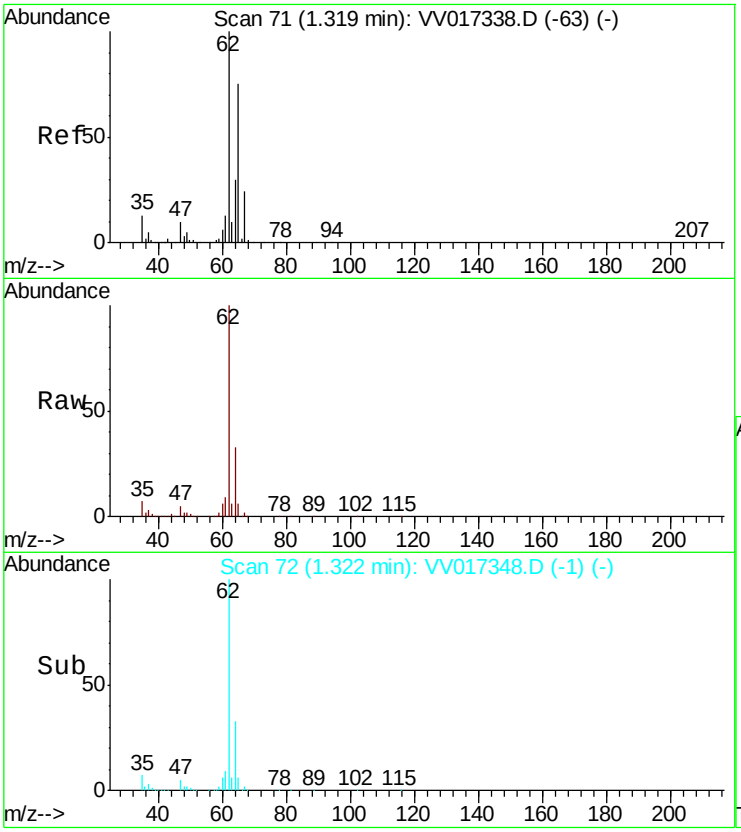
Sample : L3154-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4271

Quant Time: Jul 07 01:17:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration



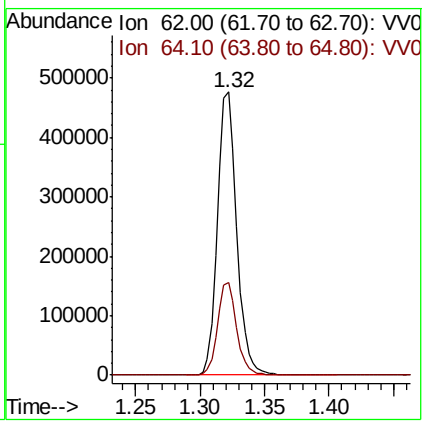


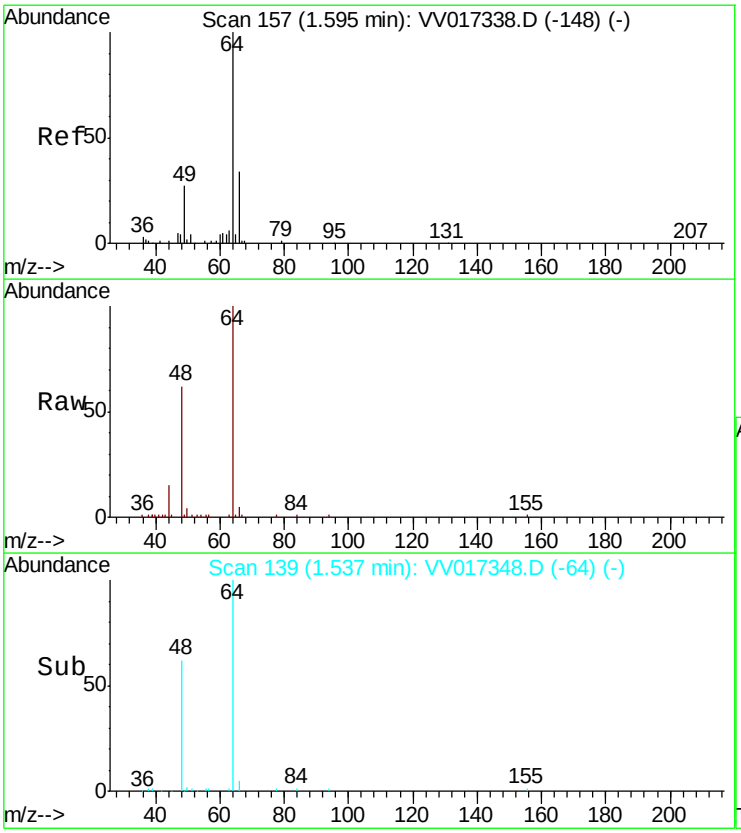
#5
Vinyl chloride
Concen: 46.298 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Instrument : MSVOA_V
ClientSampleId : H4271

Tgt Ion: 62 Resp: 492531

Ion	Ratio	Lower	Upper
62	100		
64	32.8	22.5	41.7

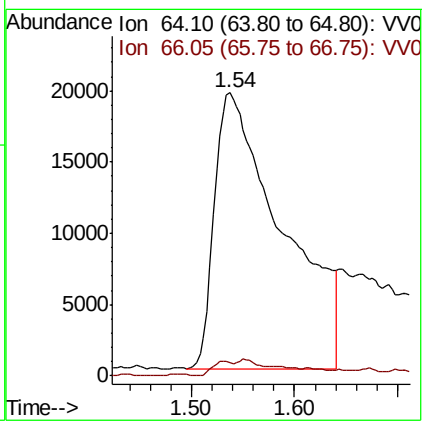


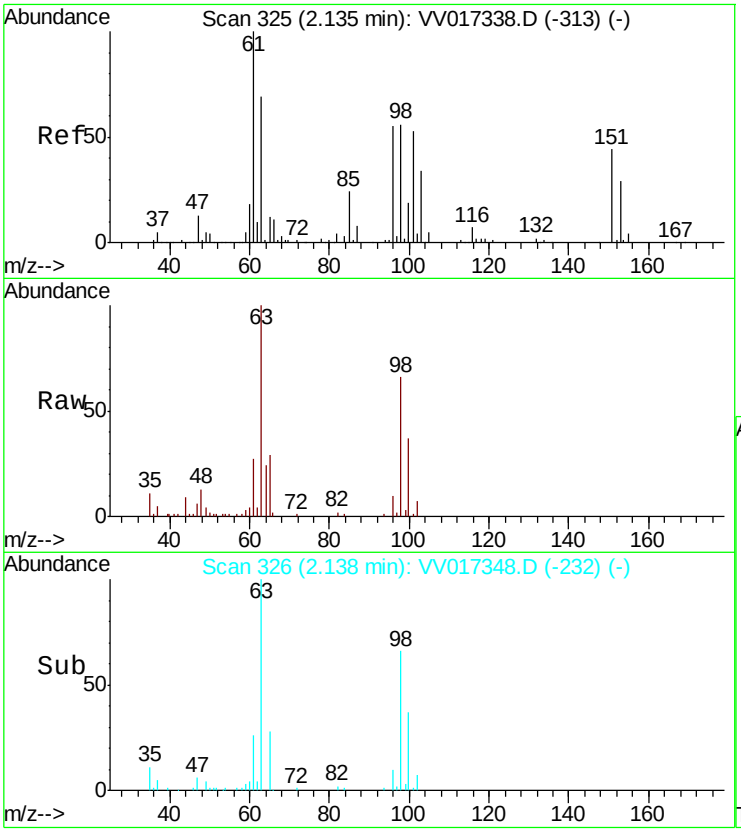


#8
Chloroethane
Concen: 15.080 ug/L
RT: 1.54 min Scan# 139
Delta R.T. -0.06 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Tgt Ion: 64 Resp: 88656

Ion	Ratio	Lower	Upper
64	100		
66	4.8	22.8	42.4#



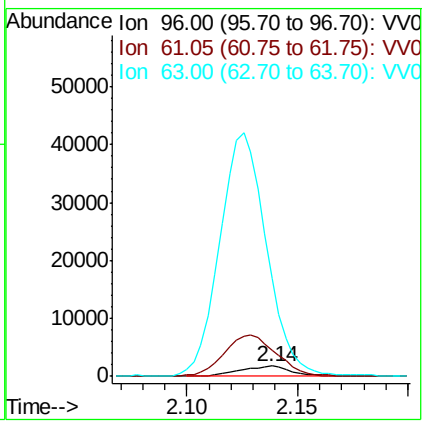


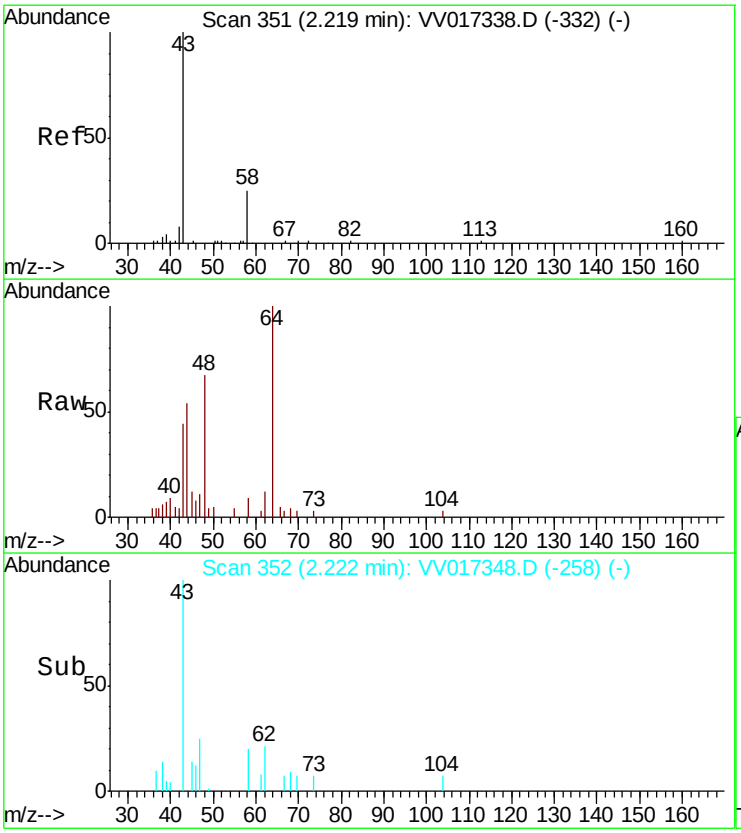
#12
1,1-Dichloroethene
Concen: 0.368 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Instrument : MSVOA_V
ClientSampleId : H4271

Tgt Ion: 96 Resp: 2866

Ion	Ratio	Lower	Upper
96	100		
61	260.6	125.0	232.2#
63	972.2	109.8	203.8#

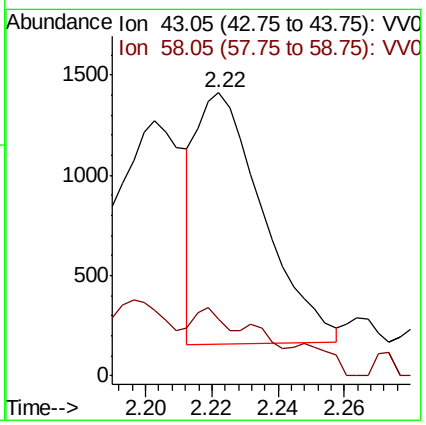


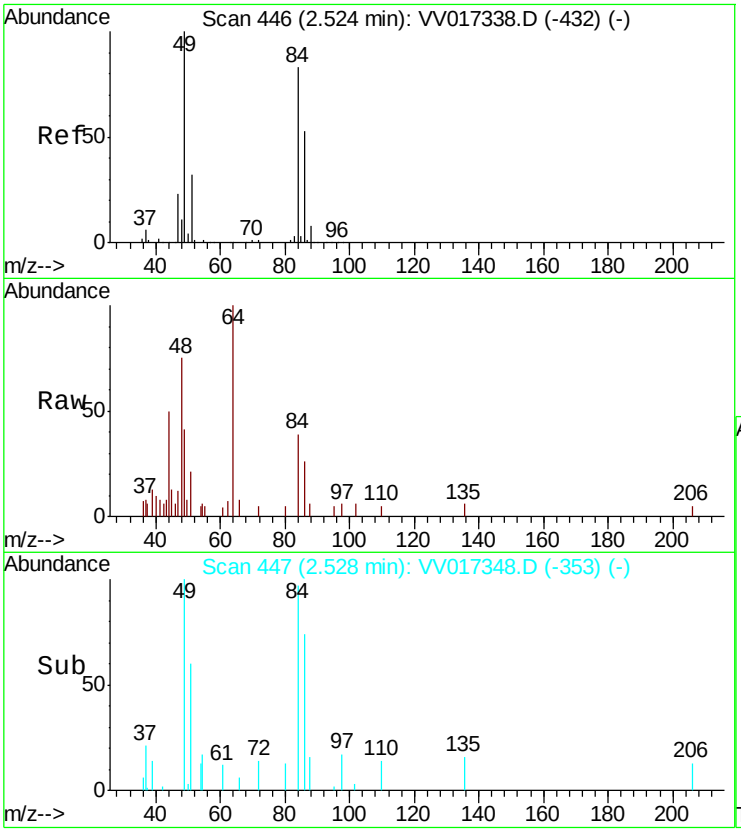


#13
Acetone
Concen: 1.388 ug/L
RT: 2.22 min Scan# 352
Delta R.T. 0.00 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Tgt Ion: 43 Resp: 1740

Ion	Ratio	Lower	Upper
43	100		
58	5.4	0.0	58.4



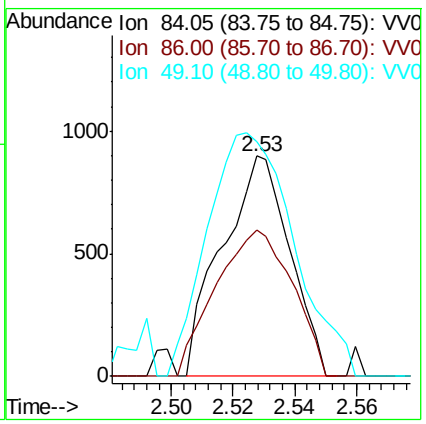


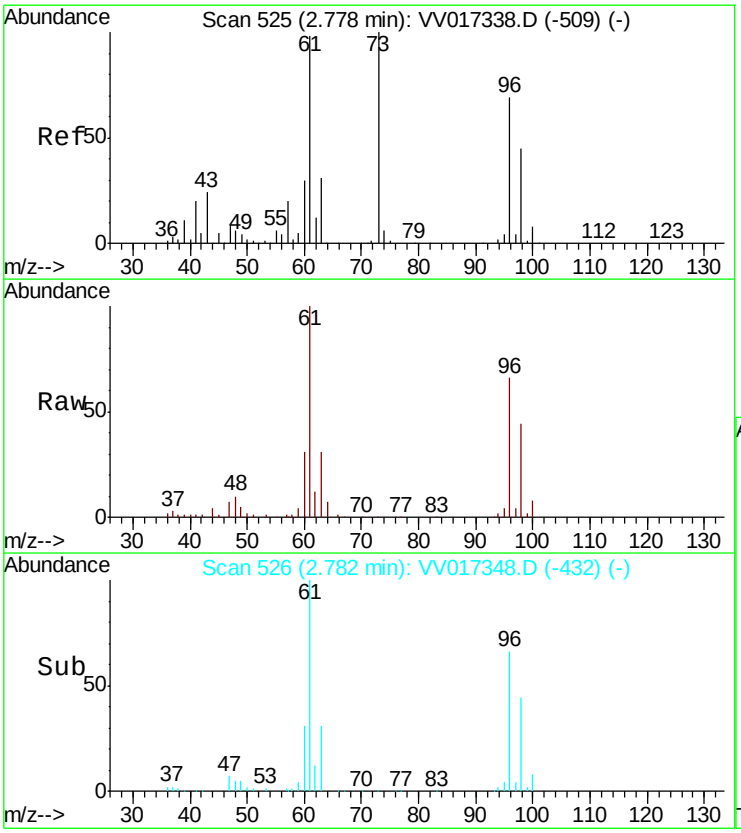
#16
Methylene chloride
Concen: 0.164 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Instrument : MSVOA_V
ClientSampleId : H4271

Tgt Ion: 84 Resp: 1368

Ion	Ratio	Lower	Upper
84	100		
86	66.8	45.8	85.0
49	127.9	89.6	166.4

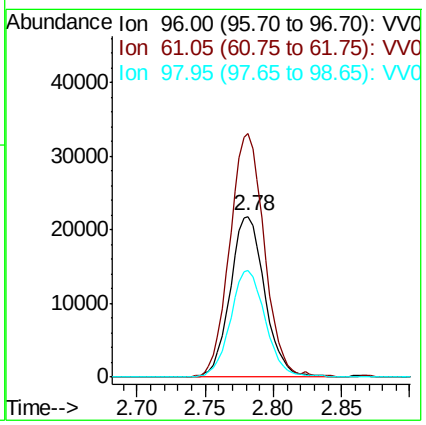


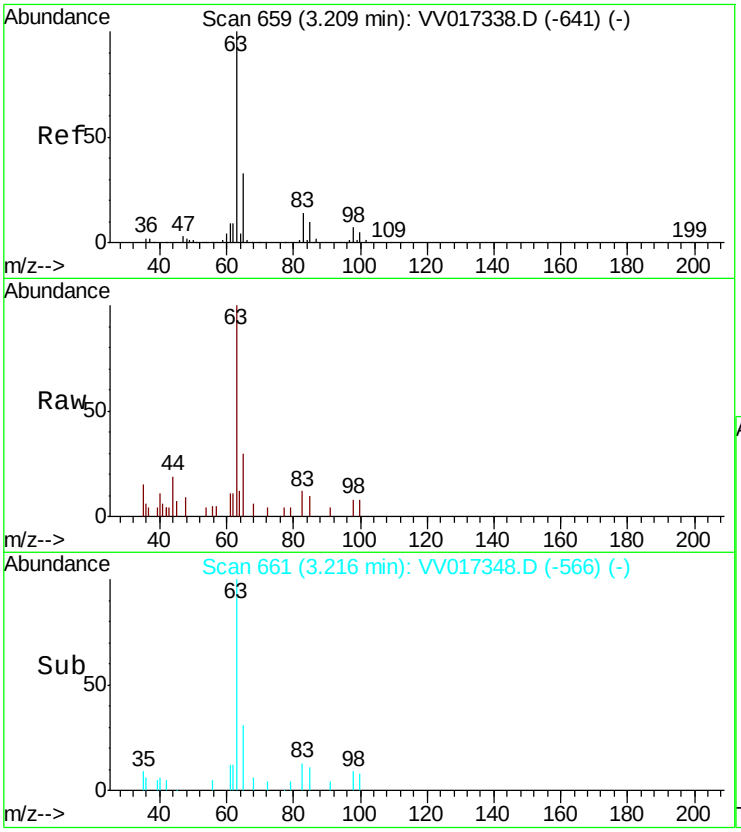


#18
trans-1,2-Dichloroethene
Concen: 4.657 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Tgt Ion: 96 Resp: 38396

Ion	Ratio	Lower	Upper
96	100		
61	151.3	102.3	189.9
98	66.1	44.7	82.9



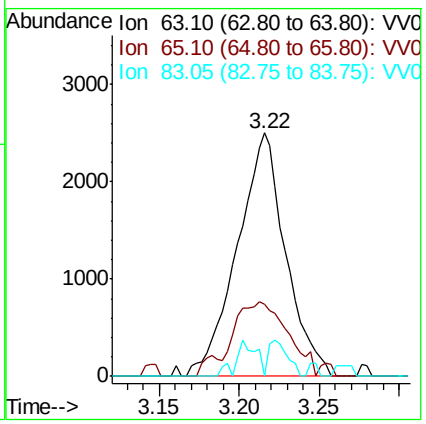


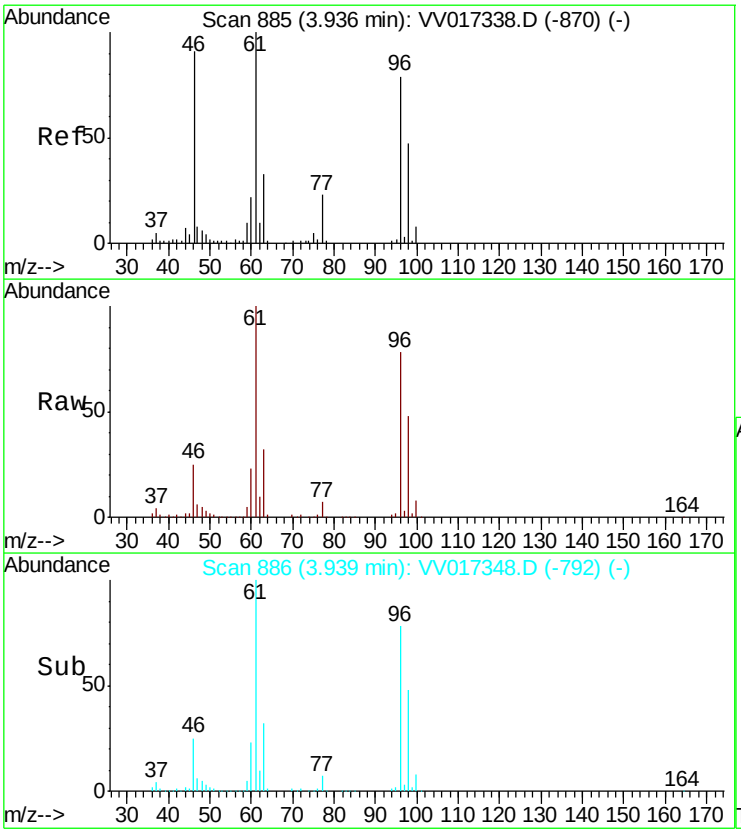
#19
1,1-Dichloroethane
Concen: 0.279 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Instrument : MSVOA_V
ClientSampleId : H4271

Tgt Ion: 63 Resp: 5172

Ion	Ratio	Lower	Upper
63	100		
65	29.5	21.8	40.4
83	0.0	9.7	17.9#

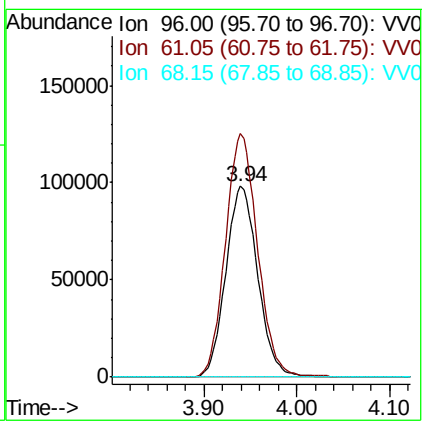


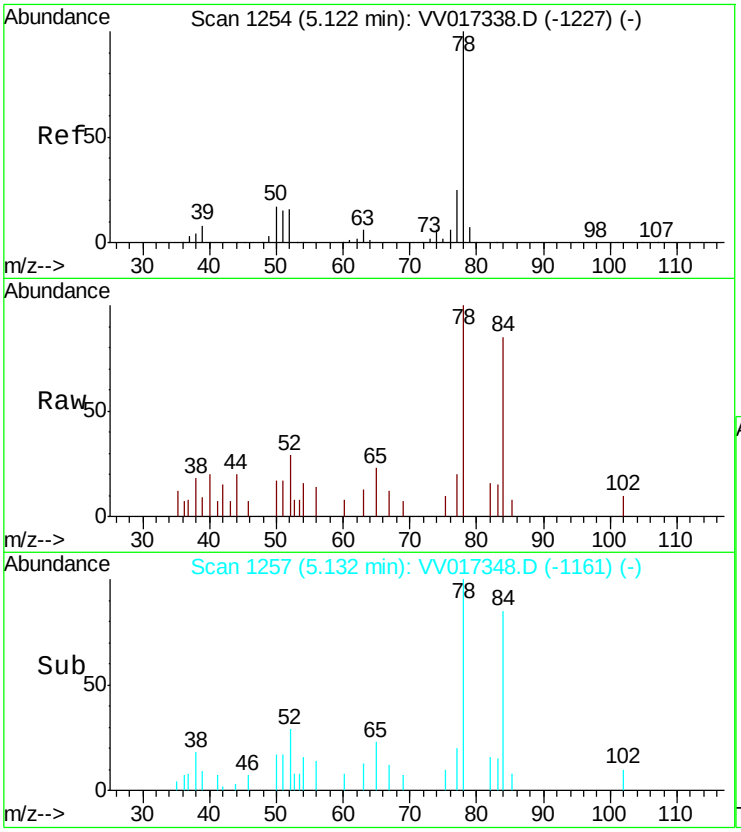


#22
cis-1,2-Dichloroethene
Concen: 20.826 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Tgt Ion: 96 Resp: 234812

Ion	Ratio	Lower	Upper
96	100		
61	127.7	91.0	169.0
68	0.0	0.0	0.0

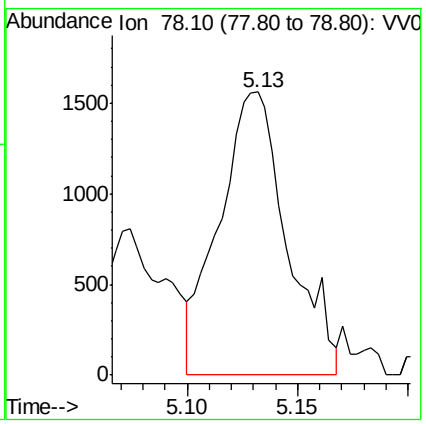


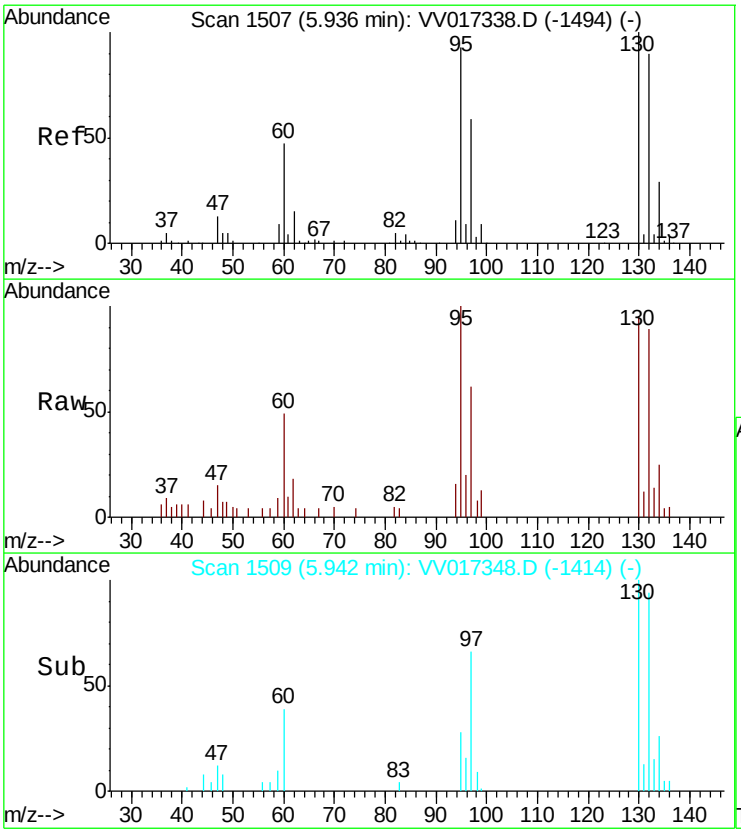


#33
Benzene
Concen: 0.081 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Instrument :
MSVOA_V
ClientSampleId :
H4271

Tgt Ion: 78 Resp: 3367

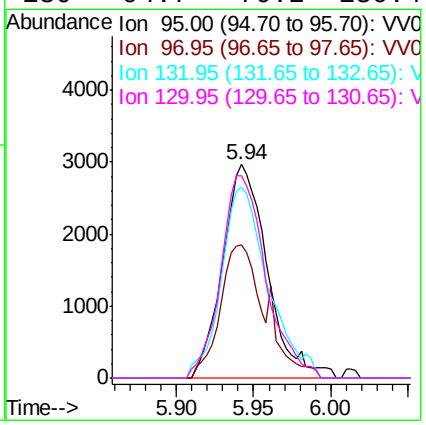


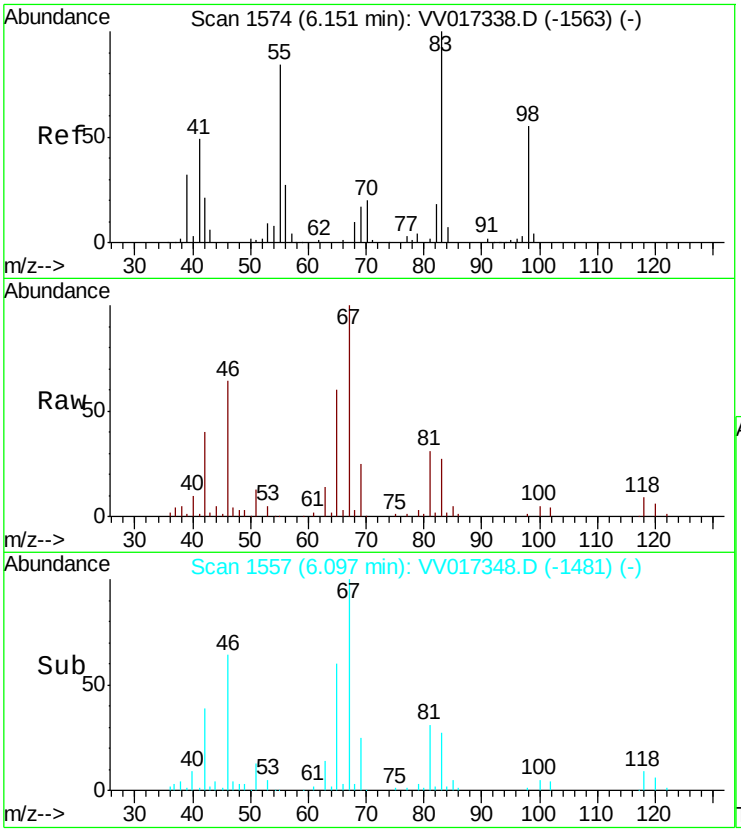


#34
Trichloroethene
Concen: 0.490 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Tgt Ion: 95 Resp: 5951

Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.3	84.1
132	89.4	68.8	127.8
130	94.7	70.2	130.4



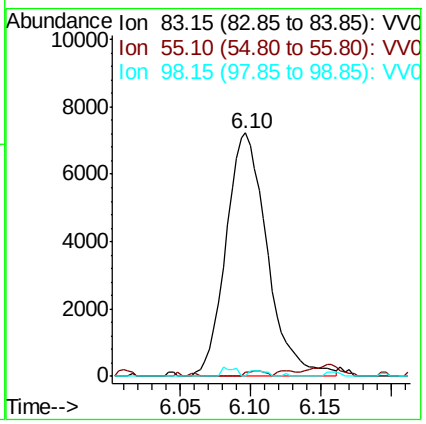


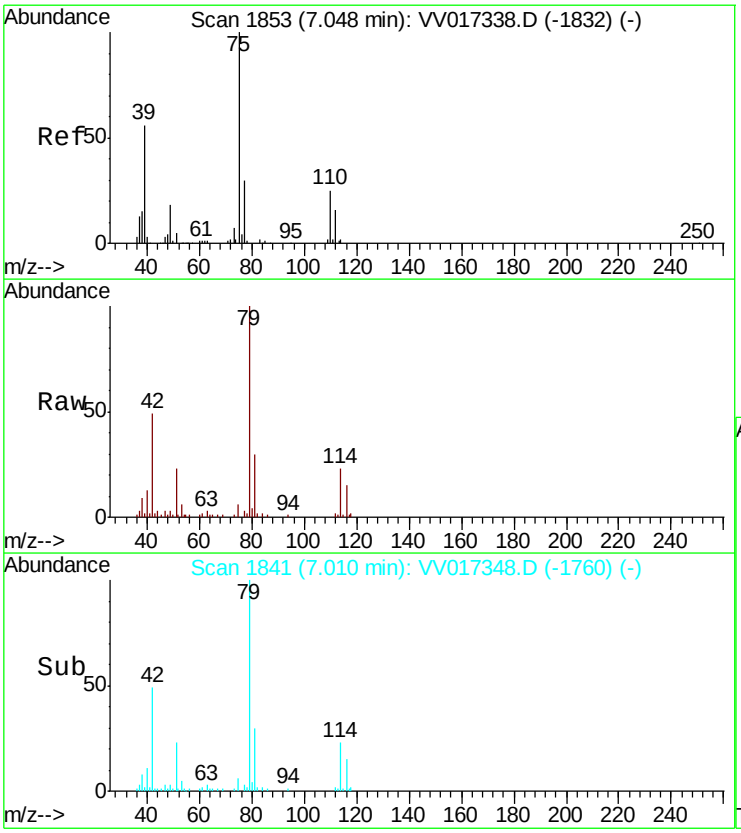
#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Instrument :
MSVOA_V
ClientSampleId :
H4271

Tgt Ion: 83 Resp: 14768

Ion	Ratio	Lower	Upper
83	100		
55	1.1	63.6	95.4#
98	0.9	38.8	58.2#

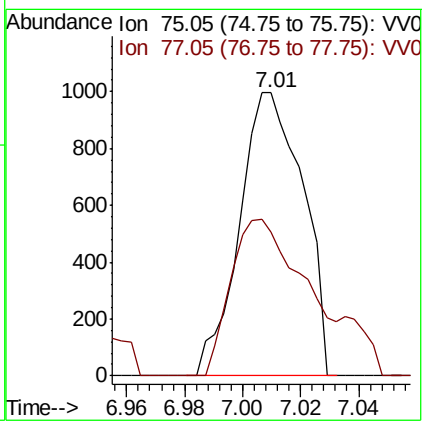


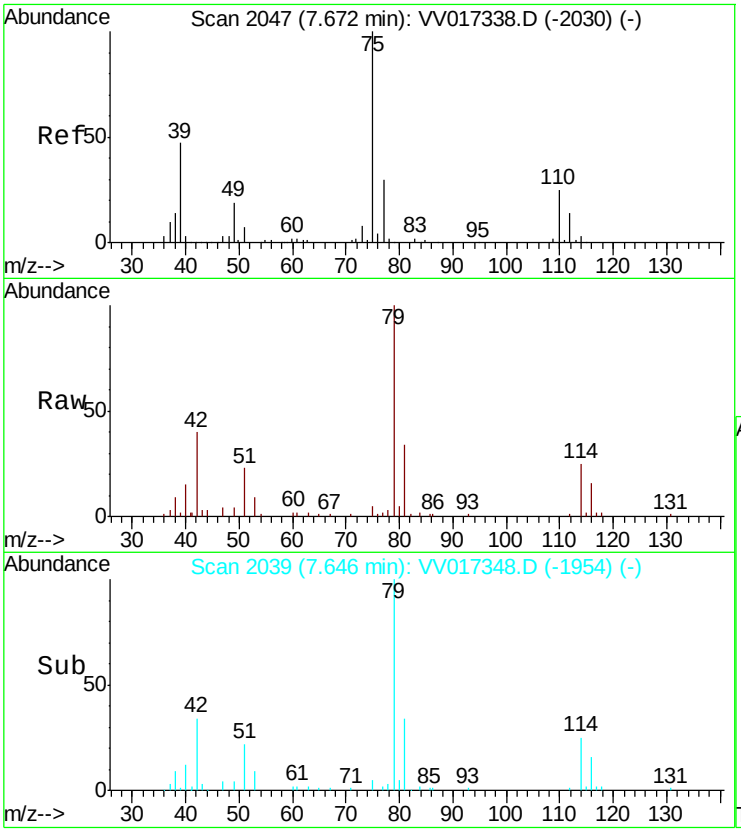


#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Tgt Ion: 75 Resp: 1513

Ion	Ratio	Lower	Upper
75	100		
77	50.8	22.3	41.5#





#46
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017348.D
Acq: 06 Jul 2020 13:41

Instrument :
MSVOA_V
ClientSampleId :
H4271

Tgt Ion: 75 Resp: 1104

Ion	Ratio	Lower	Upper
75	100		
77	40.7	22.3	41.3