Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080720\
Data File : VV017837.D
Acq On : 07 Aug 2020 14:06
Operator : SY/MD
Sample : L3590-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 08 00:25:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	220960	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	218068	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120544	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40333	37.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.86%			
7) Chloroethane-d5	1.58	69	41911	45.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.12%			
11) 1,1-Dichloroethene-d2	2.12	63	85186	32.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.80%			
21) 2-Butanone-d5	3.91	46	75179	92.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.79%			
24) Chloroform-d	4.38	84	141309	47.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.98%			
26) 1,2-Dichloroethane-d4	5.06	65	111114	51.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.32%			
32) Benzene-d6	5.07	84	239912	46.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.09	67	62629	43.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.90%			
41) Toluene-d8	7.34	98	235159	46.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.96%			
43) trans-1,3-Dichloropropene-	7.64	79	17048	18.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 36.20%#			
47) 2-Hexanone-d5	8.11	63	54205	88.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.51%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97017	45.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.18%			
64) 1,2-Dichlorobenzene-d4	11.65	152	124480	52.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.22%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	4812	3.070	ug/L #	1
8) Chloroethane	1.36	64	88920	93.710	ug/L #	53
12) 1,1-Dichloroethene	2.13	96	1039	0.781	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	1340	0.894	ug/L #	75
18) Methyl tert-butyl Ether	2.79	73	48836	9.908	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	122613	76.553	ug/L	95
34) Trichloroethene	5.94	95	17466	10.390	ug/L	94
35) Methylcyclohexane	6.10	83	20666	8.381	ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	1510	0.607	ug/L #	62
46) Tetrachloroethene	8.00	164	6113	4.105	ug/L	96
49) Dibromochloromethane	8.00	129	5551	2.749	ug/L #	12
59) 1,2,3-Trichloropropane	11.27	75	10390	5.267	ug/L #	75

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

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Instrument :
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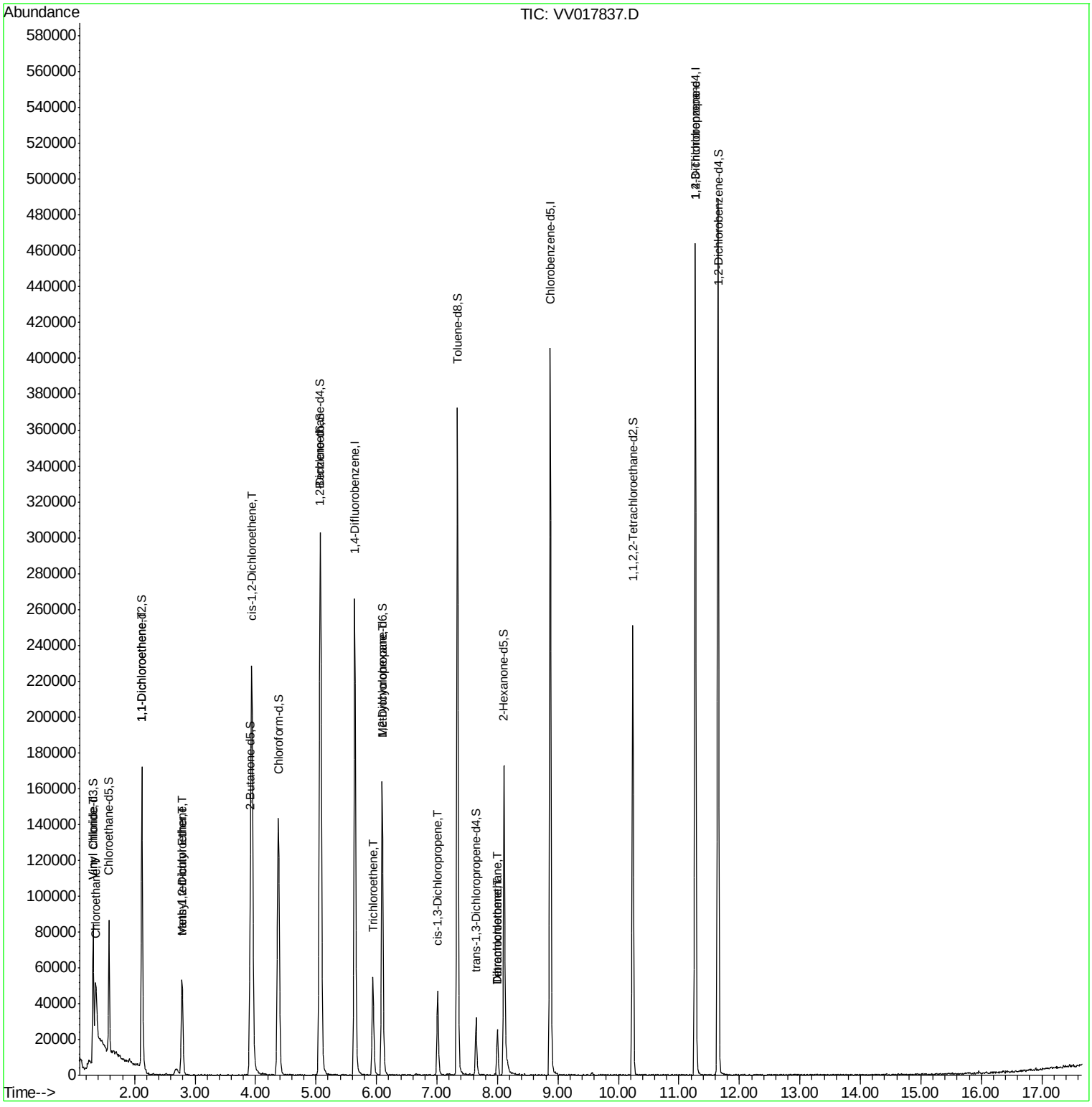
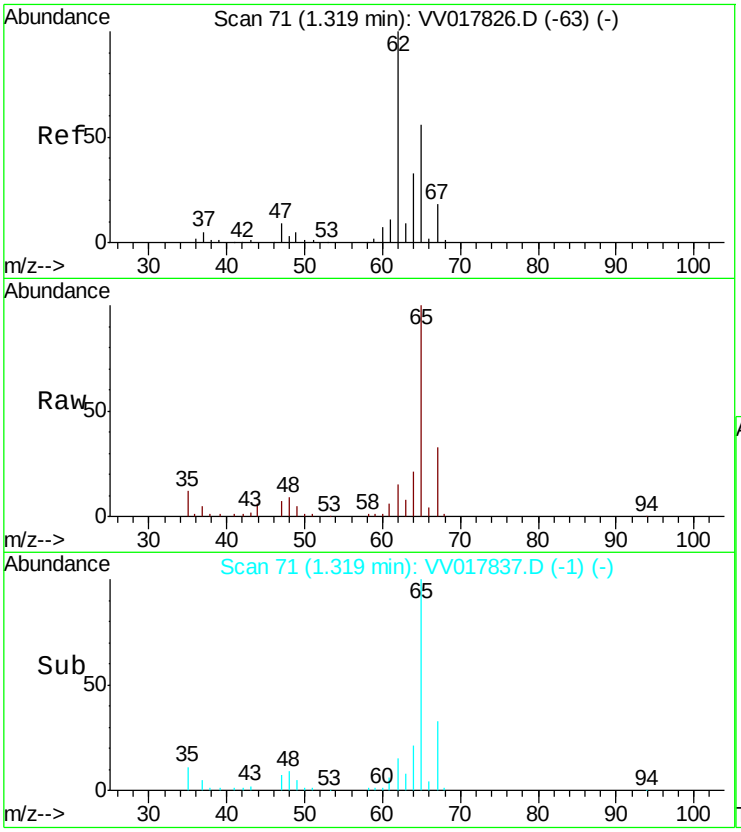
Quant Time: Aug 08 00:25:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration



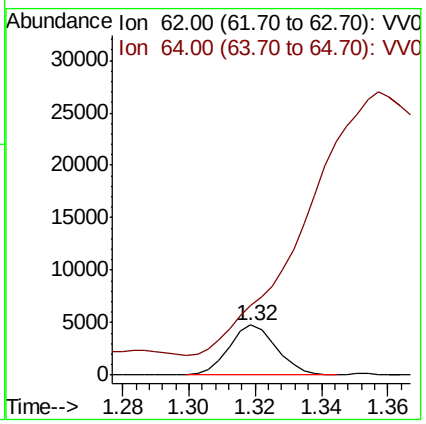


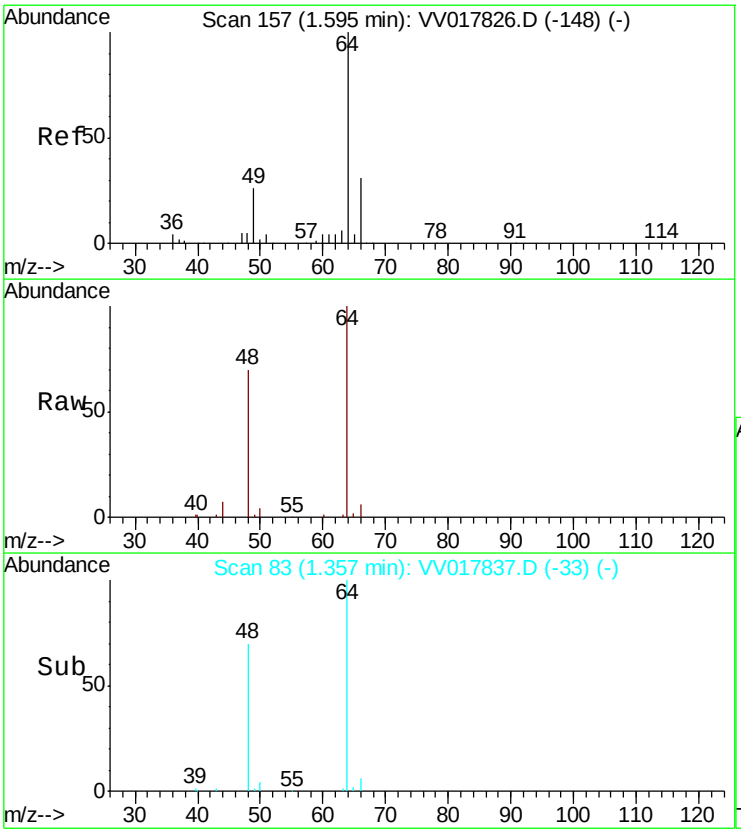
#5
Vinyl chloride
Concen: 3.070 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 4812

Ion	Ratio	Lower	Upper
62	100		
64	138.9	22.9	42.5#

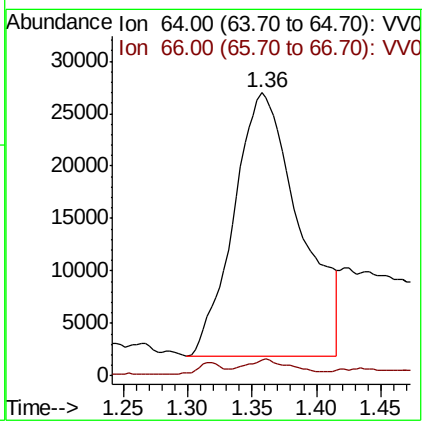


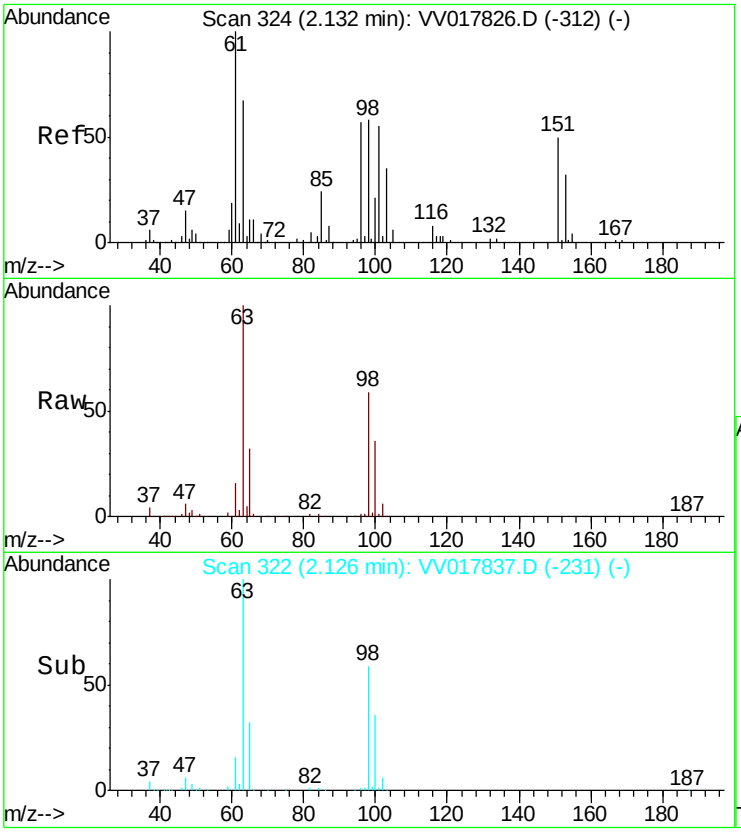


#8
Chloroethane
Concen: 93.710 ug/L
RT: 1.36 min Scan# 83
Delta R.T. -0.24 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Tgt Ion: 64 Resp: 88920

Ion	Ratio	Lower	Upper
64	100		
66	5.6	22.3	41.3#



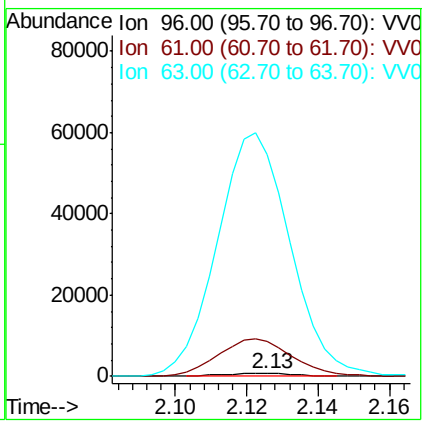


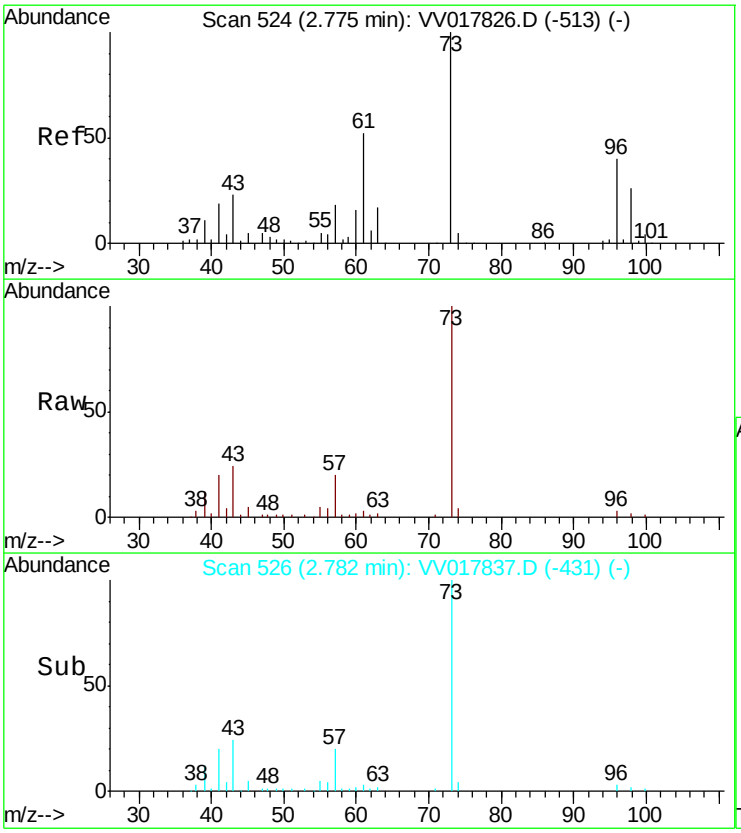
#12
1,1-Dichloroethene
Concen: 0.781 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1039

Ion	Ratio	Lower	Upper
96	100		
61	1250.5	131.0	243.2#
63	7987.2	88.5	164.3#

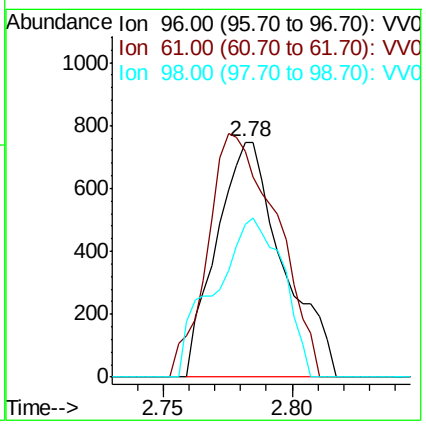


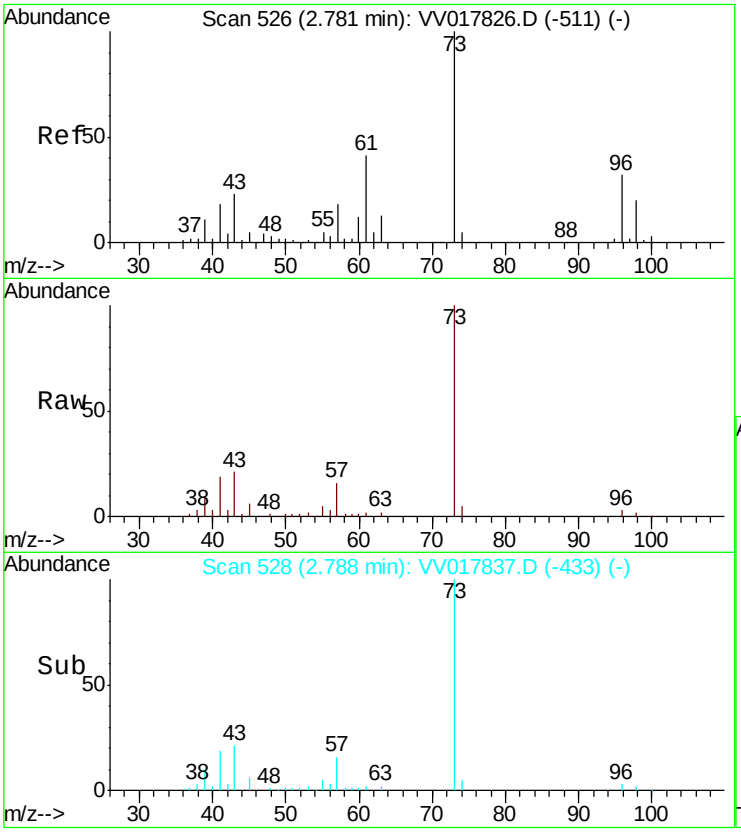


#17
trans-1,2-Dichloroethene
Concen: 0.894 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Tgt Ion: 96 Resp: 1340

Ion	Ratio	Lower	Upper
96	100		
61	95.7	96.2	178.8#
98	65.1	43.2	80.2



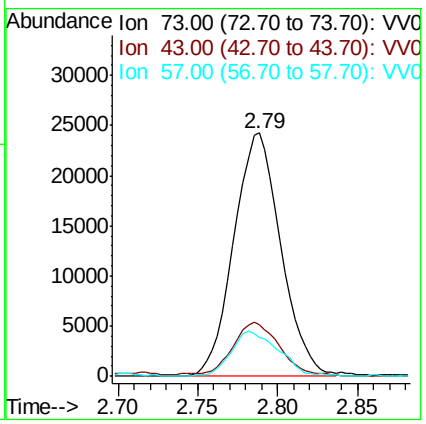


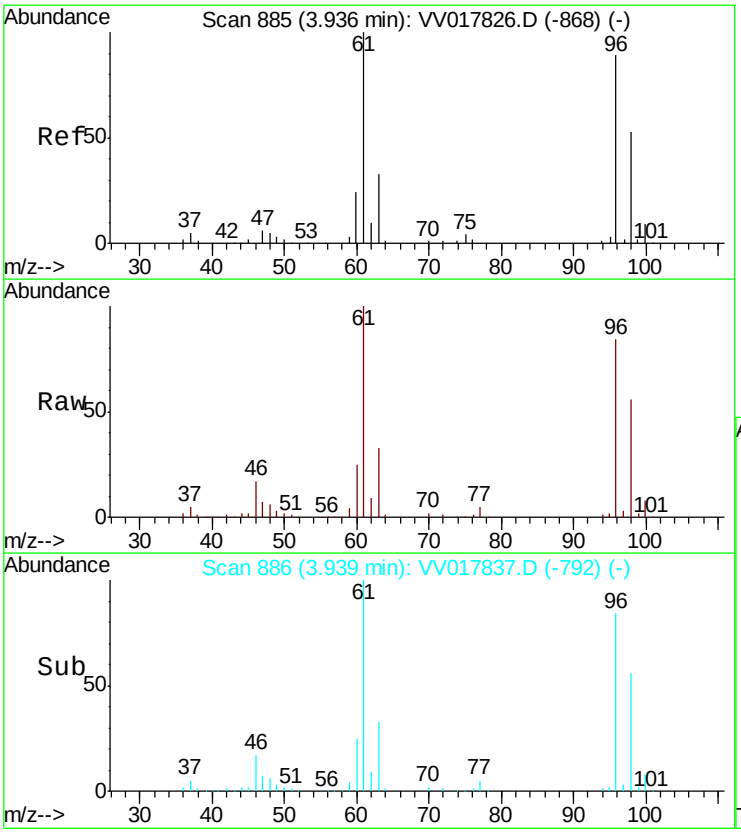
#18
Methyl tert-butyl Ether
Concen: 9.908 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.01 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 48836

Ion	Ratio	Lower	Upper
73	100		
43	22.9	18.1	27.1
57	18.6	16.0	24.0

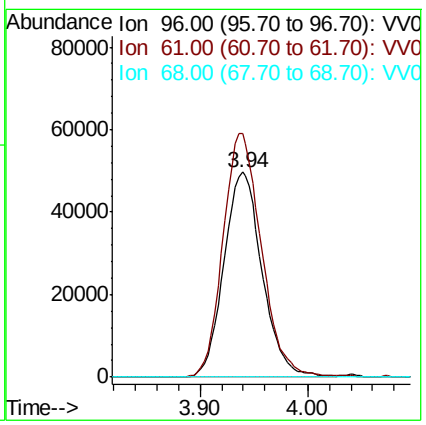


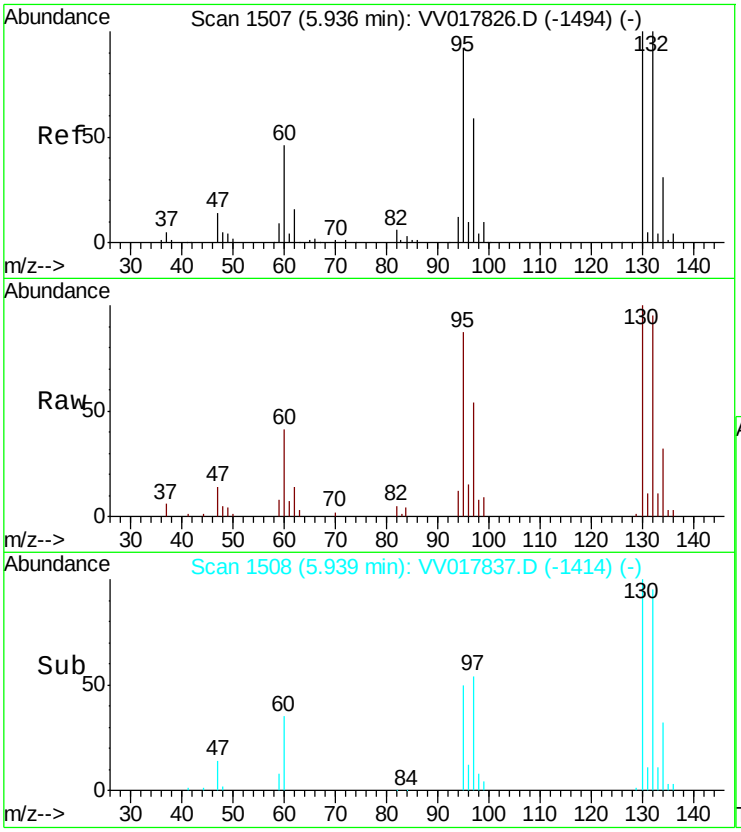


#20
cis-1,2-Dichloroethene
Concen: 76.553 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Tgt Ion: 96 Resp: 122613

Ion	Ratio	Lower	Upper
96	100		
61	118.8	87.3	162.1
68	0.0	0.0	0.0



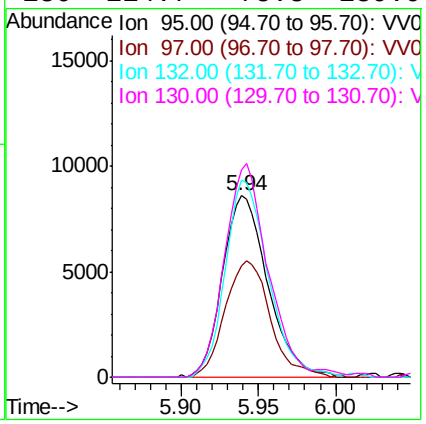


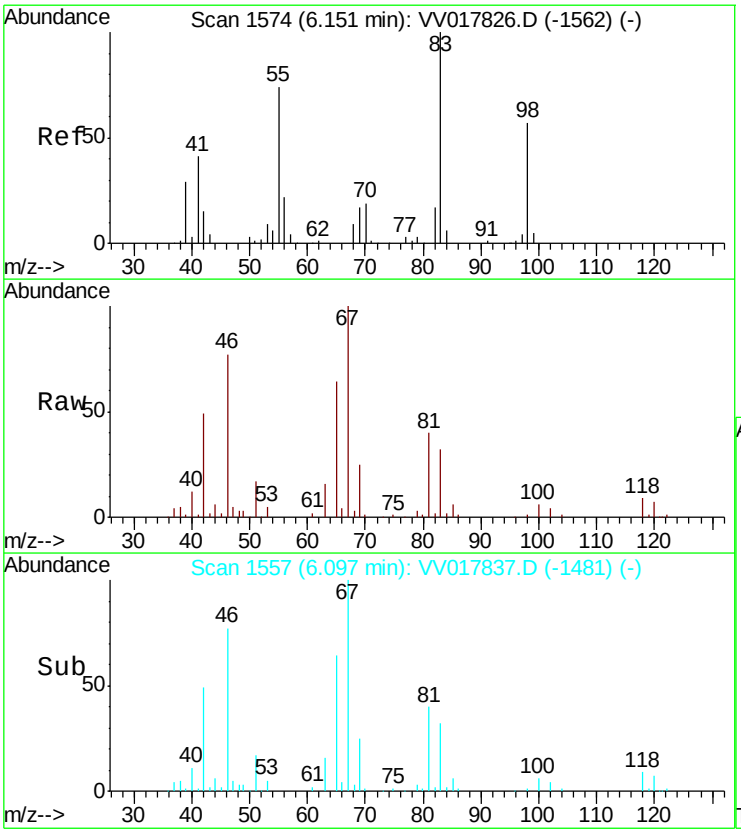
#34
Trichloroethene
Concen: 10.390 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 17466

Ion	Ratio	Lower	Upper
95	100		
97	61.6	45.3	84.1
132	108.6	71.4	132.6
130	114.7	75.3	139.9

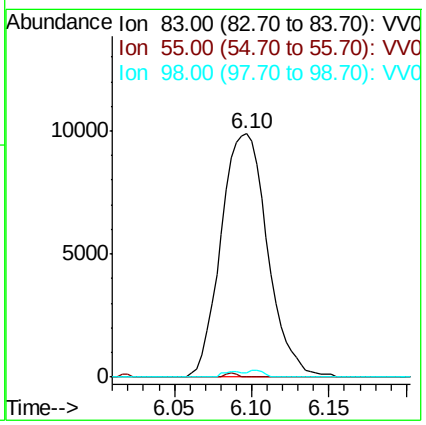


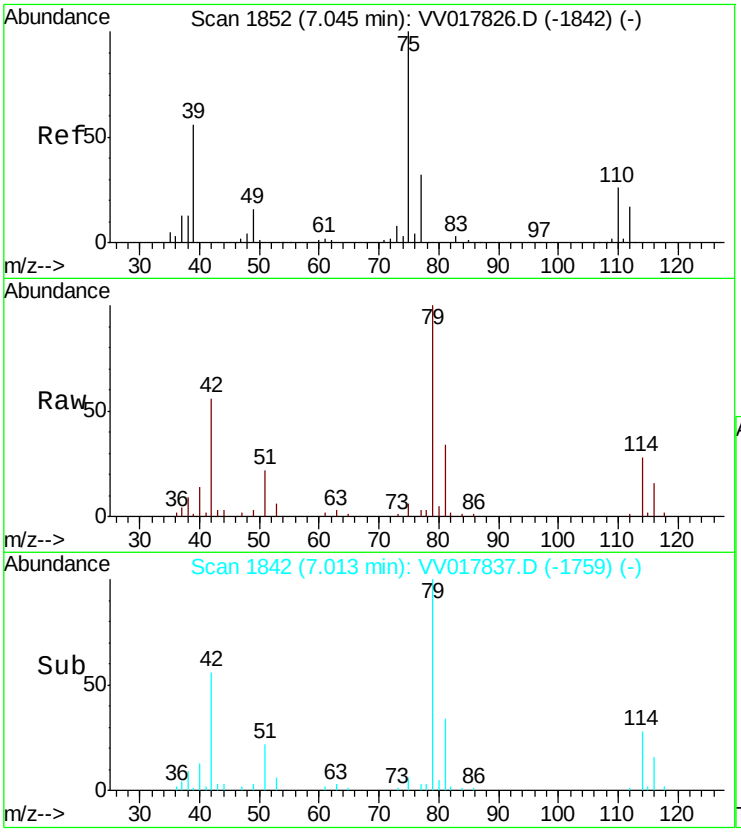


#35
Methylcyclohexane
Concen: 8.381 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Tgt Ion: 83 Resp: 20666

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.2#
98	1.0	41.2	61.8#



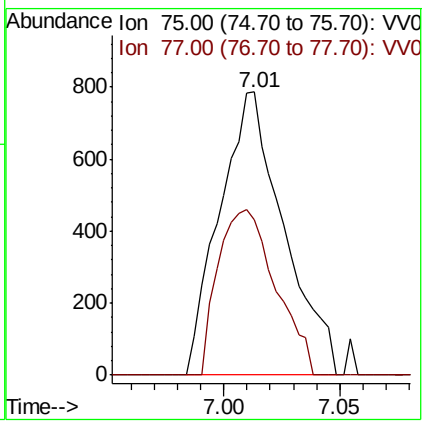


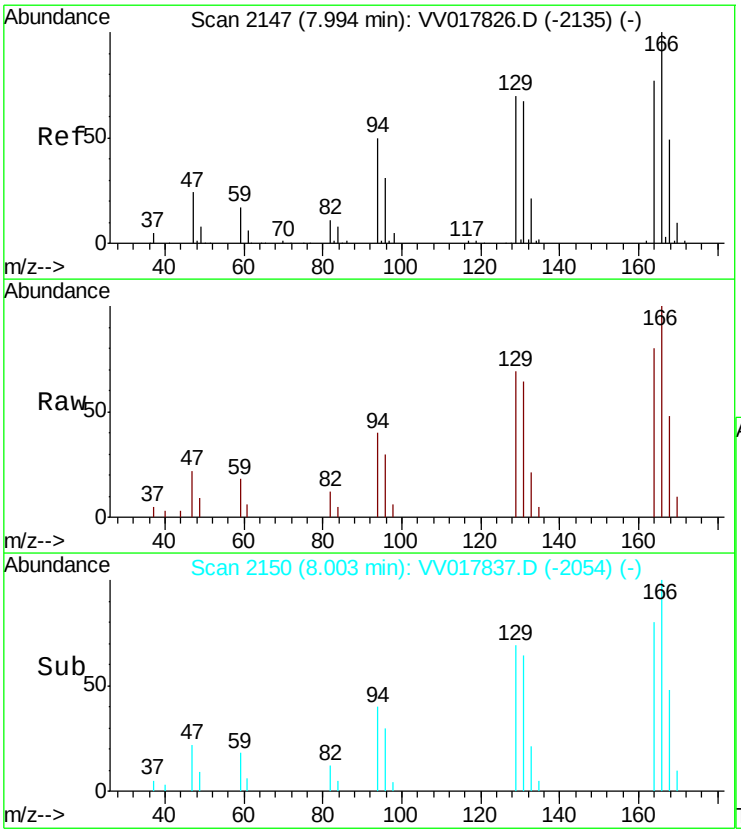
#39
cis-1,3-Dichloropropene
Concen: 0.607 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.03 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1510

Ion	Ratio	Lower	Upper
75	100		
77	54.8	23.2	43.0#

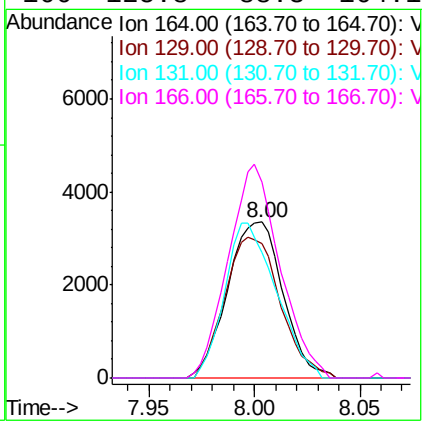


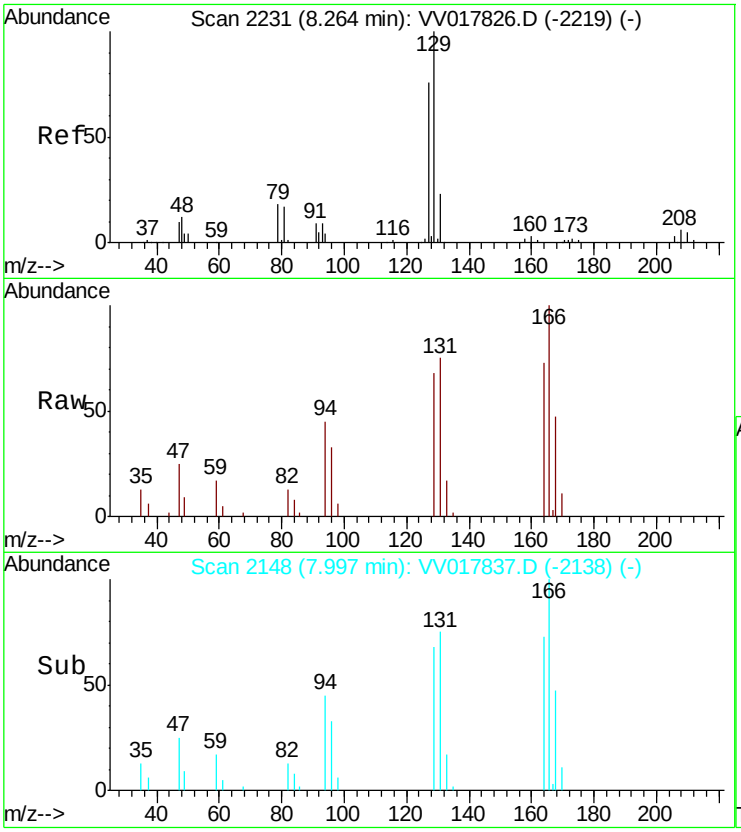


#46
Tetrachloroethene
Concen: 4.105 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Tgt Ion:164 Resp: 6113

Ion	Ratio	Lower	Upper
164	100		
129	86.7	63.9	118.7
131	80.4	62.6	116.3
166	125.8	88.3	164.1



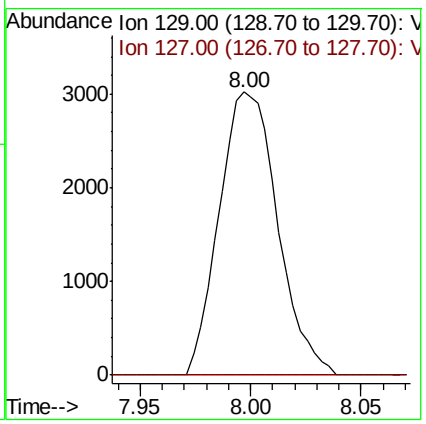


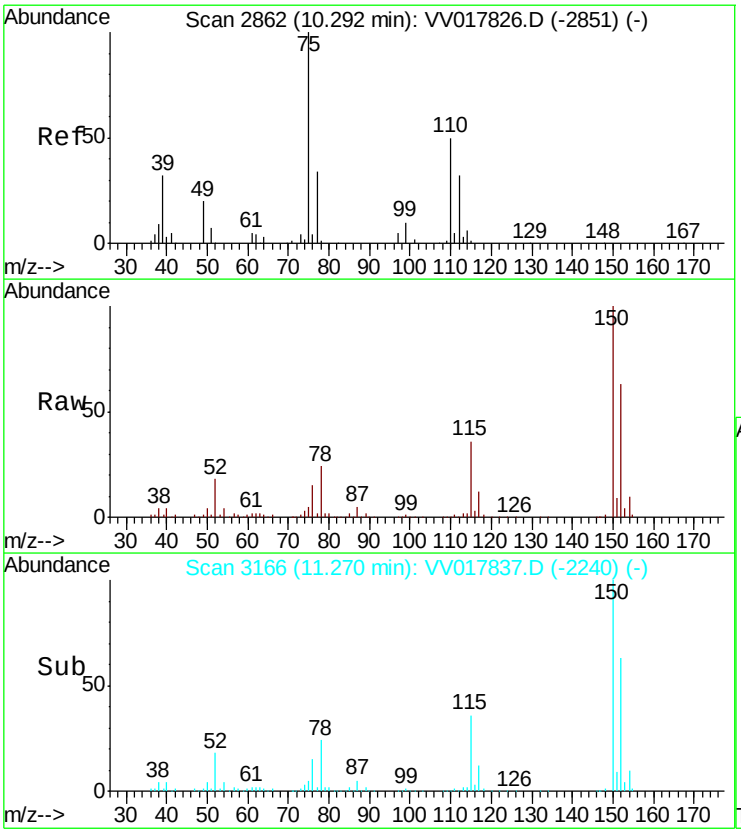
#49
Dibromochloromethane
Concen: 2.749 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 5551

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#





#59
1,2,3-Trichloropropane
Concen: 5.267 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017837.D
Acq: 07 Aug 2020 14:06

Tgt Ion: 75 Resp: 10390

Ion	Ratio	Lower	Upper
75	100		
77	45.4	25.1	37.7#