

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV0717516.D
 Acq On : 17 Jul 2020 11:38
 Operator : SY/MD
 Sample : L3314-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C25

Quant Time: Jul 18 05:08:17 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	293303	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280702	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136363	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81780	53.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.12%
7) Chloroethane-d5	1.93	69	129	0.12	ug/L	0.35
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.24%#
11) 1,1-Dichloroethene-d2	2.13	63	652810	188.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	377.64%#
21) 2-Butanone-d5	3.91	46	101176	97.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.01%
24) Chloroform-d	4.38	84	167603	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
26) 1,2-Dichloroethane-d4	5.06	65	125166	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
32) Benzene-d6	5.07	84	300984	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
36) 1,2-Dichloropropane-d6	6.09	67	86909	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.54%
41) Toluene-d8	7.34	98	282493	48.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.92%
43) trans-1,3-Dichloropropene-	7.64	79	50686	49.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.74%
47) 2-Hexanone-d5	8.11	63	79569	111.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	124104	50.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	123481	54.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.32%

Target Compounds

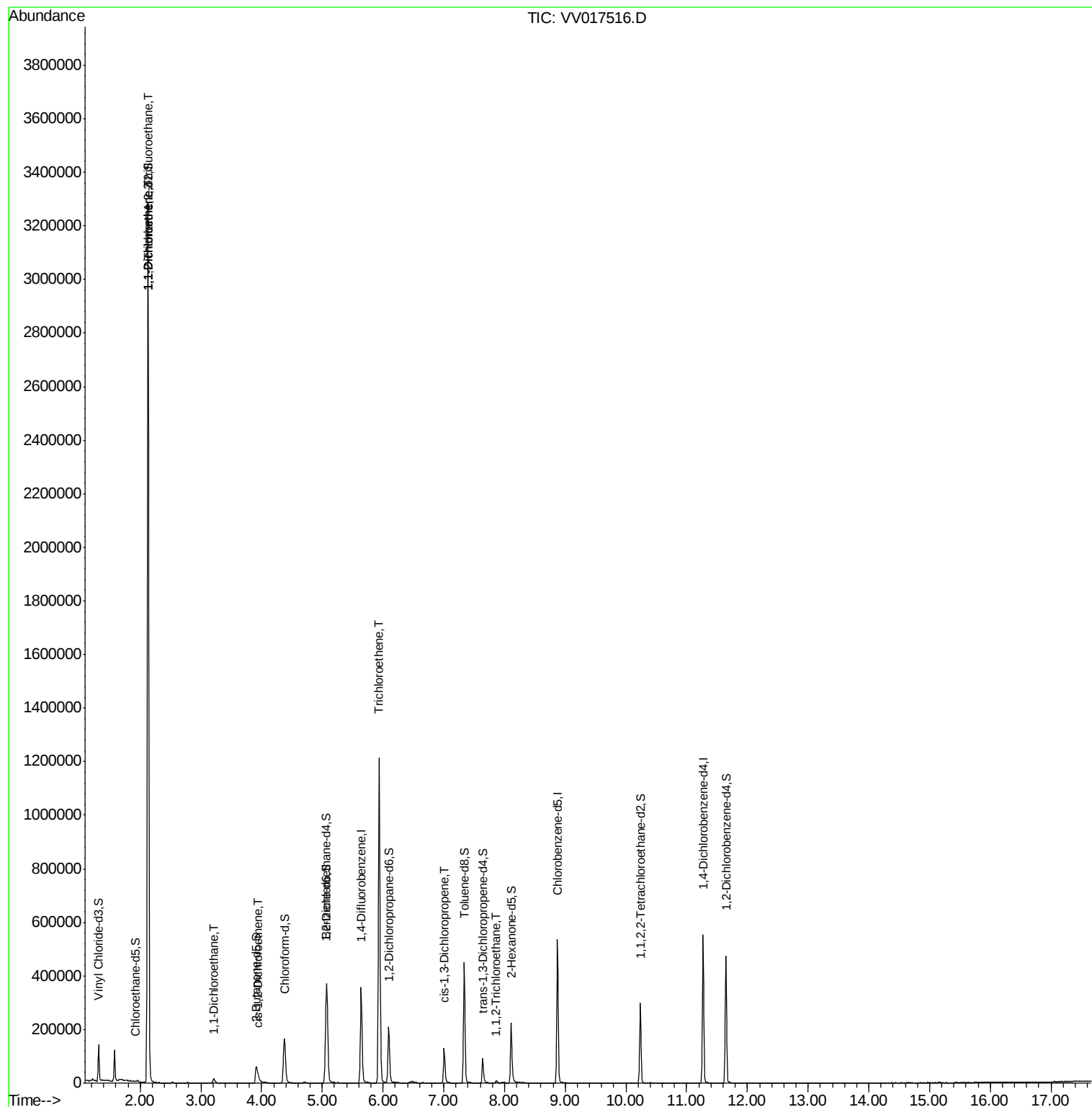
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	20564	10.558	ug/L 88
12) 1,1-Dichloroethene	2.13	96	899259	510.455	ug/L # 64
19) 1,1-Dichloroethane	3.21	63	15696	4.456	ug/L 97
20) cis-1,2-Dichloroethene	3.95	96	5019	2.445	ug/L 92
34) Trichloroethene	5.94	95	399491	181.343	ug/L 97
39) cis-1,3-Dichloropropene	7.01	75	3391	1.096	ug/L # 65
45) 1,1,2-Trichloroethane	7.87	97	2173	1.104	ug/L 90

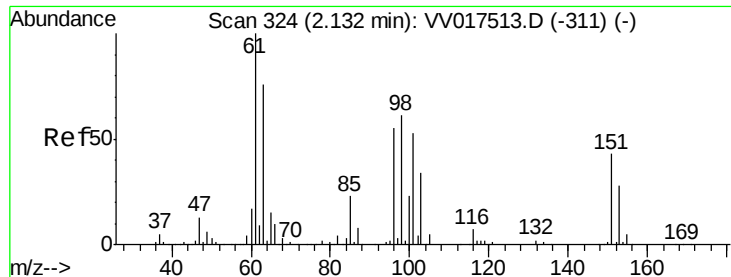
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.558 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017516.D

Acq: 17 Jul 2020 11:38

Instrument :

MSVOA_V

ClientSampleId :

F4C25

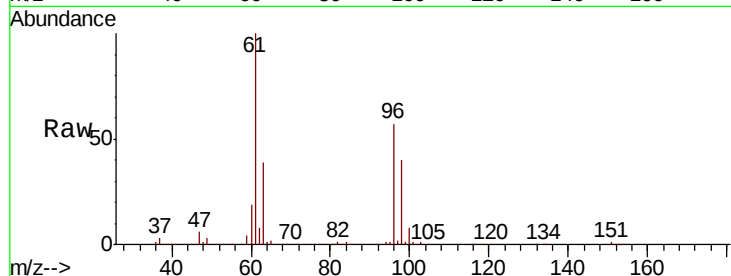
Tot Ion:101 Resp: 20564

Ion Ratio Lower Upper

101 100

85 40.7 36.2 54.4

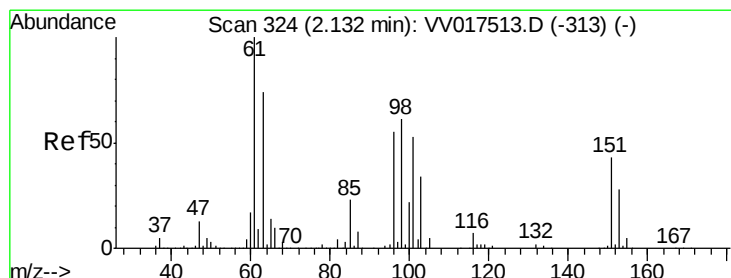
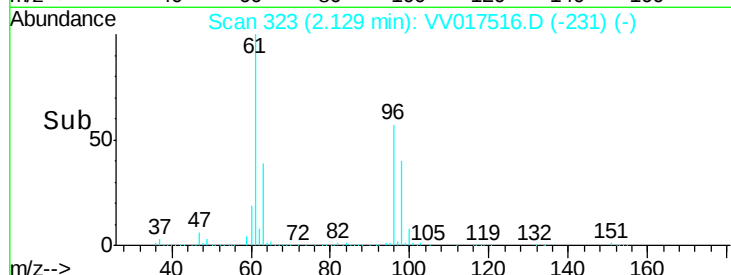
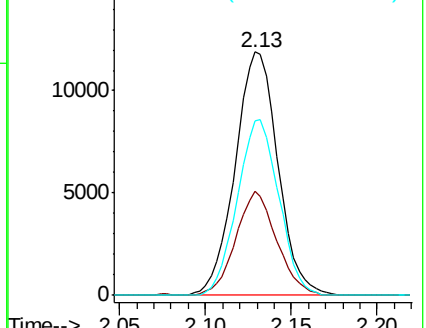
151 69.9 66.8 100.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 510.455 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017516.D

Acq: 17 Jul 2020 11:38

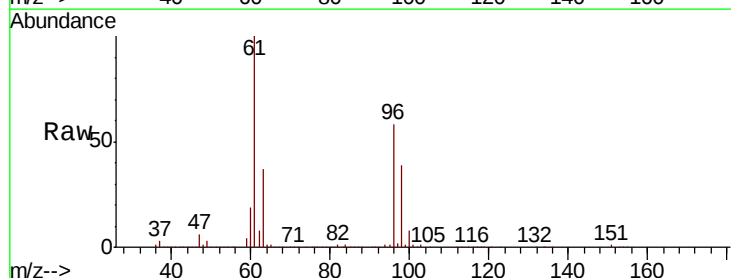
Tgt Ion: 96 Resp: 899259

Ion Ratio Lower Upper

96 100

61 173.0 132.7 246.4

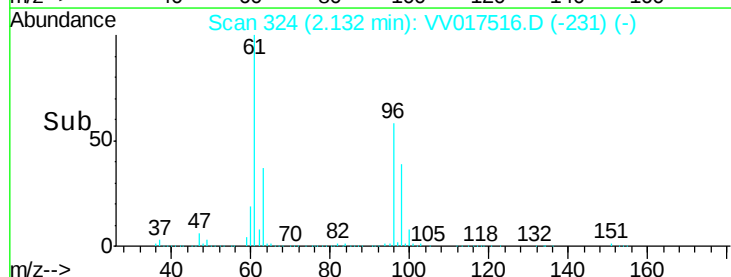
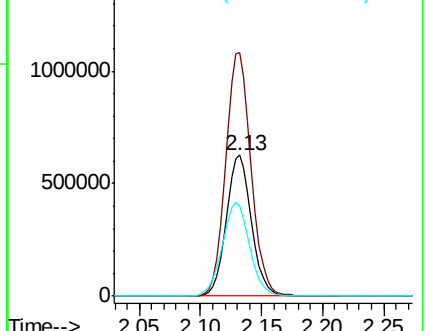
63 63.6 103.3 191.8#

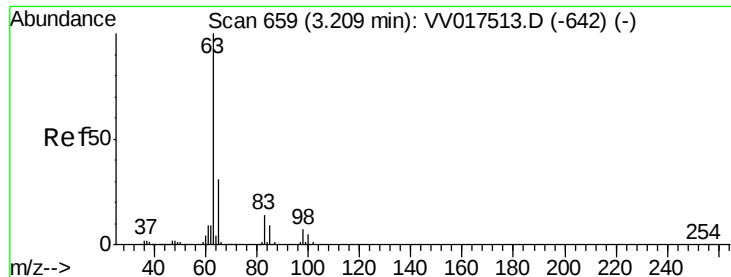


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

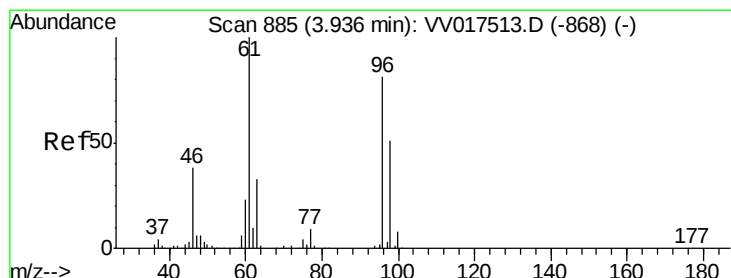
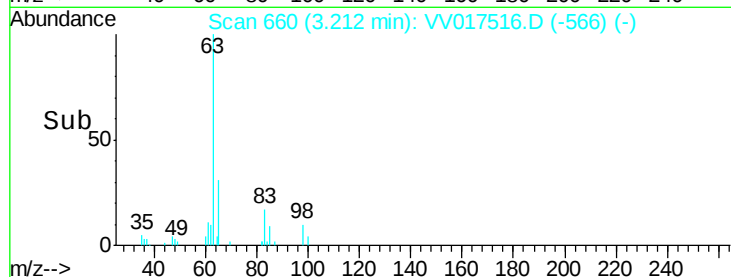
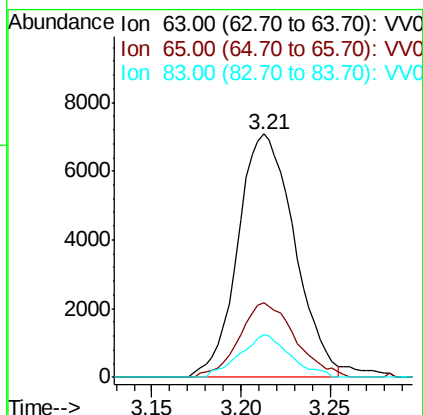
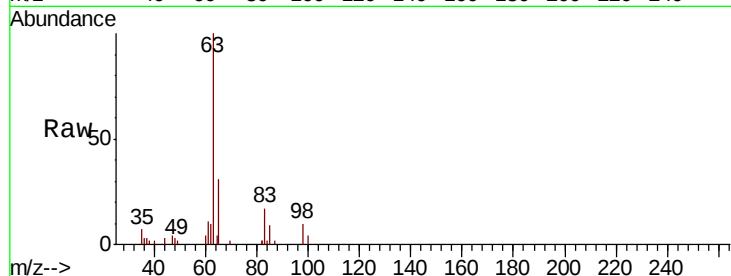




#19
 1,1-Dichloroethane
 Concen: 4.456 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV017516.D
 Acq: 17 Jul 2020 11:38

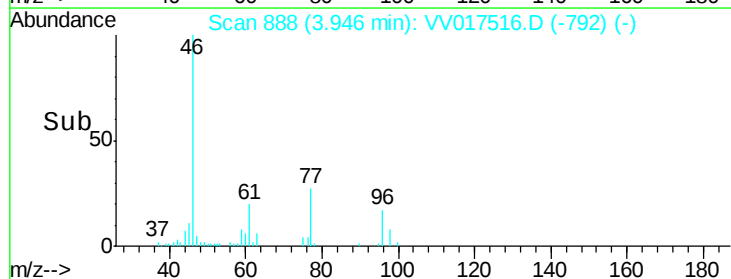
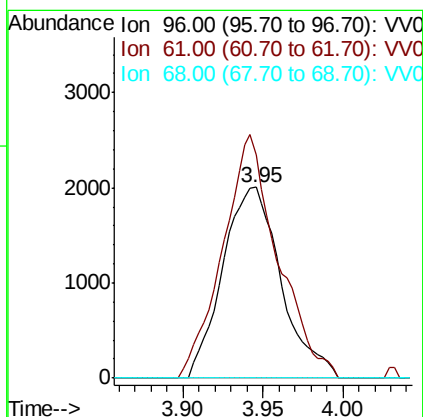
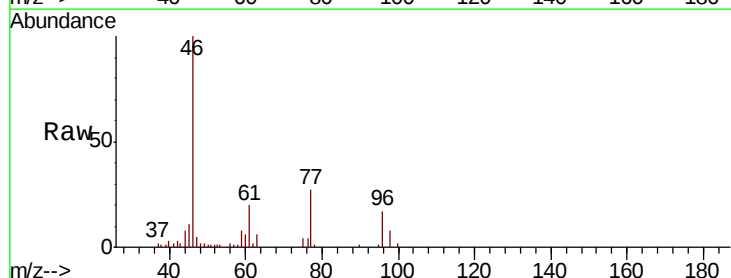
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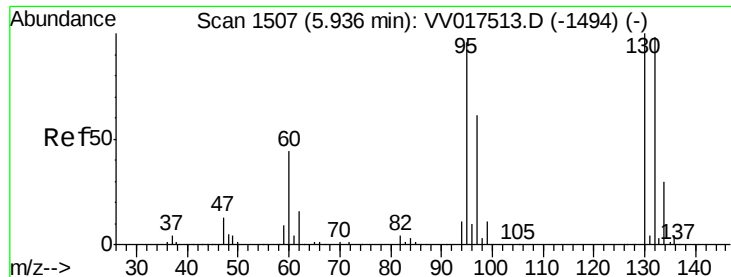
Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.1	41.1
83	17.3	10.1	18.9



#20
 cis-1,2-Dichloroethene
 Concen: 2.445 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV017516.D
 Acq: 17 Jul 2020 11:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	117.3	88.9	165.1
68	0.0	0.0	0.0

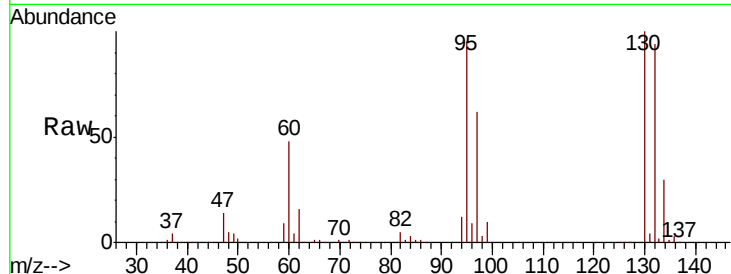




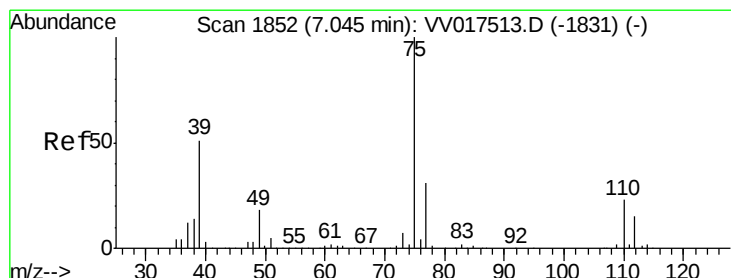
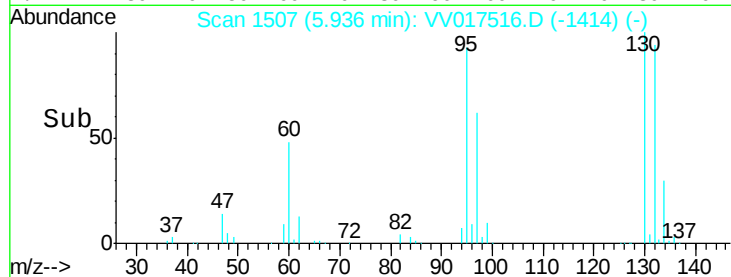
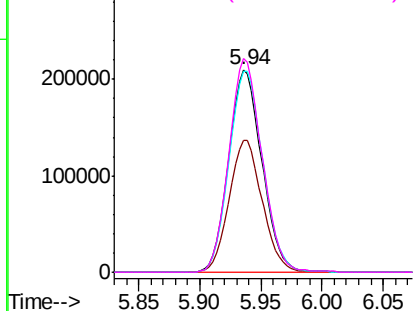
#34
 Trichloroethene
 Concen: 181.343 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV017516.D
 Acq: 17 Jul 2020 11:38

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C25

Tot Ion: 95 Resp: 399491
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.6 84.6
 132 99.3 74.1 137.5
 130 105.5 75.5 140.3

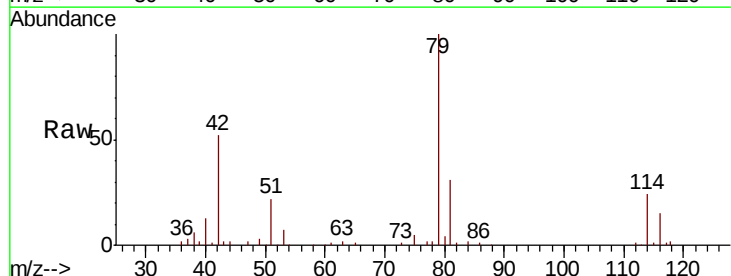


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

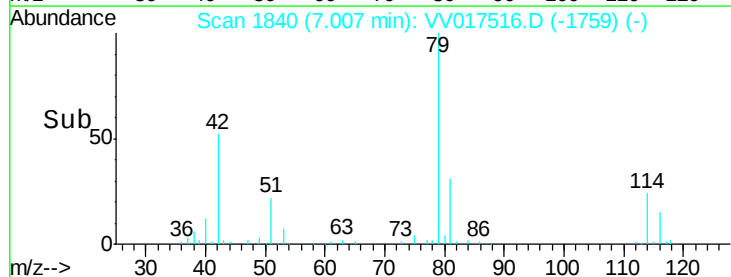
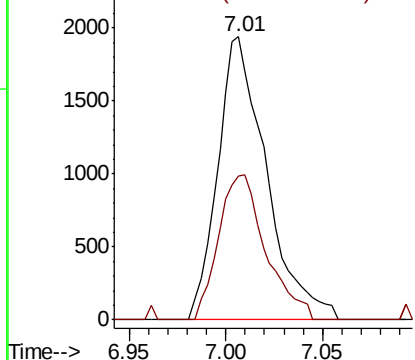


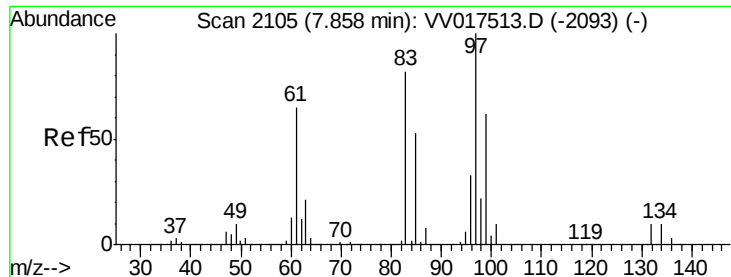
#39
 cis-1,3-Dichloropropene
 Concen: 1.096 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017516.D
 Acq: 17 Jul 2020 11:38

Tgt Ion: 75 Resp: 3391
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#45

1,1,2-Trichloroethane

Concen: 1.104 ug/L

RT: 7.87 min Scan# 2107

Delta R.T. 0.01 min

Lab File: VV017516.D

Acq: 17 Jul 2020 11:38

Instrument :

MSVOA_V

ClientSampleId :

F4C25

Tot Ion: 97 Resp: 2173

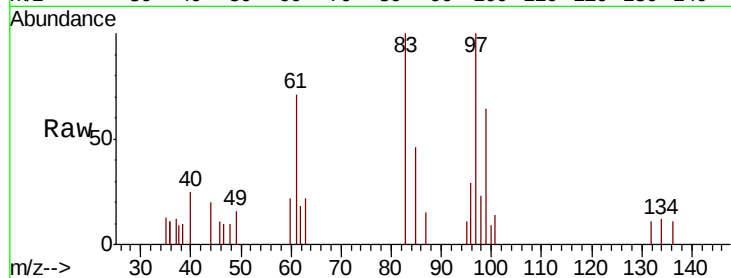
Ion Ratio Lower Upper

97 100

99 64.3 44.6 82.8

83 100.5 60.1 111.7

85 46.7 39.0 72.4



Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

