

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV071726.D
 Acq On : 17 Jul 2020 15:30
 Operator : SY/MD
 Sample : L3336-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-2

Quant Time: Jul 18 05:09:52 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	283047	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67386	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.46%
7) Chloroethane-d5	1.58	69	60742	58.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.36%
11) 1,1-Dichloroethene-d2	2.12	63	135775	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.38%
21) 2-Butanone-d5	3.91	46	96616	96.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.00%
24) Chloroform-d	4.37	84	151464	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.06	65	114799	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.07	84	270777	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
36) 1,2-Dichloropropane-d6	6.09	67	78165	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.10%
41) Toluene-d8	7.34	98	253968	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%
43) trans-1,3-Dichloropropene-	7.64	79	48820	50.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.98%
47) 2-Hexanone-d5	8.11	63	82410	120.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	111921	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	113014	51.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.10%

Target Compounds

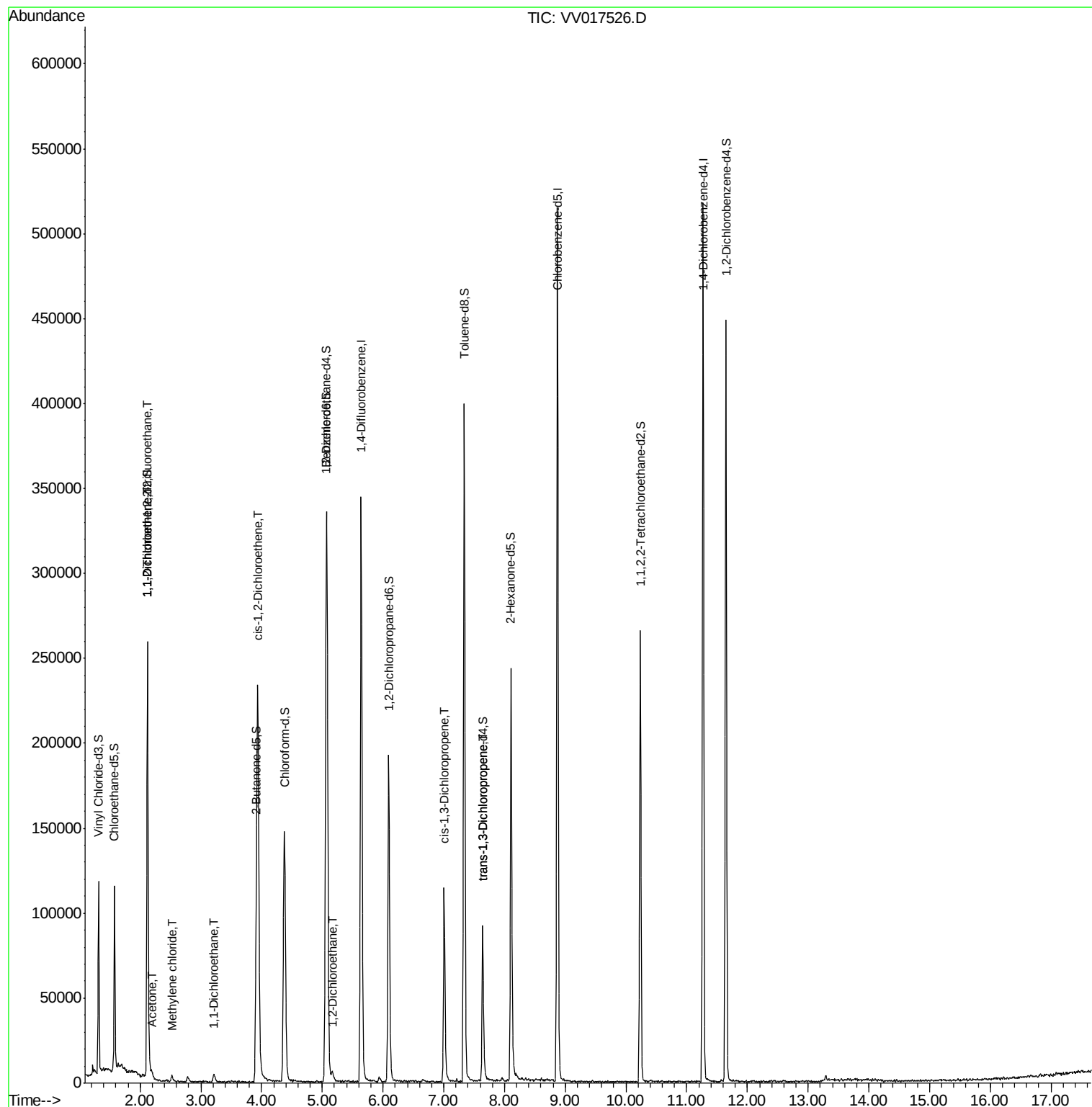
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1277	0.679 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1465	0.862 ug/L #	1
13) Acetone	2.20	43	3662	2.673 ug/L	71
16) Methylene chloride	2.52	84	1403	0.709 ug/L	85
19) 1,1-Dichloroethane	3.22	63	4549	1.338 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	113148	57.120 ug/L	96
27) 1,2-Dichloroethane	5.17	62	3749	1.118 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3108	1.056 ug/L #	53
44) trans-1,3-Dichloropropene	7.64	75	2822	0.927 ug/L	94

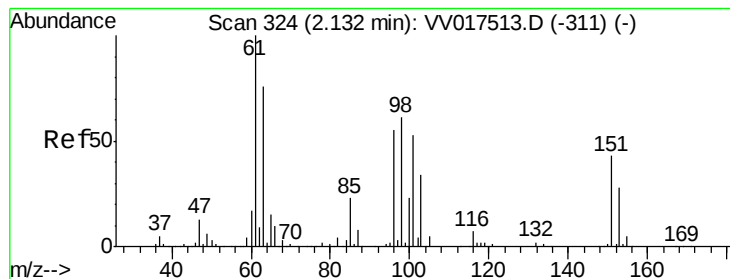
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration





#10

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

Concen: 0.679 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017526.D

Acq: 17 Jul 2020 15:30

Instrument :

MSVOA_V

ClientSampleId :

MW-2

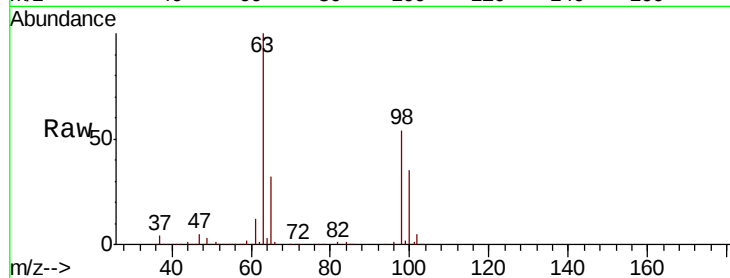
Tot Ion:101 Resp: 1277

Ion Ratio Lower Upper

101 100

85 6.0 36.2 54.4#

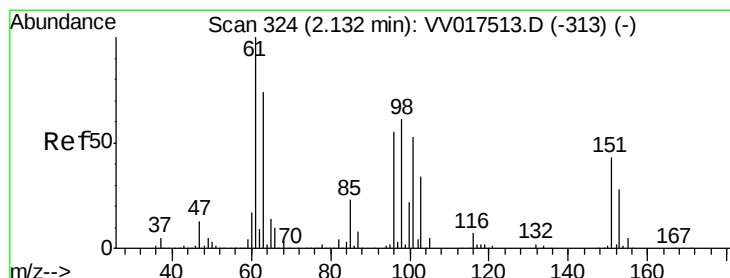
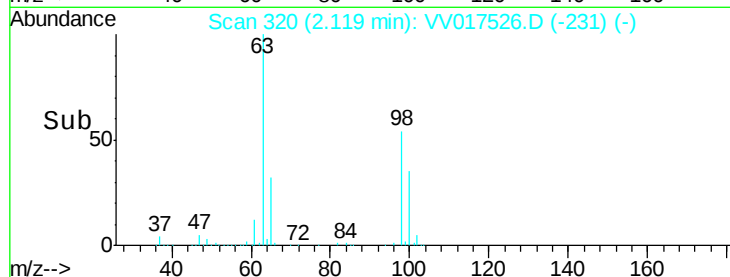
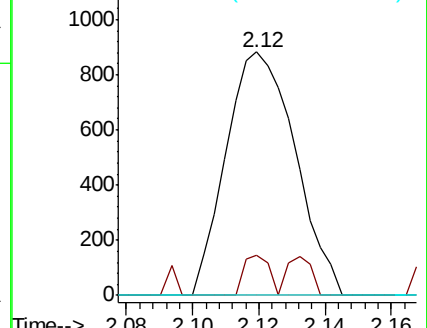
151 0.0 66.8 100.2#



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: 0.862 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017526.D

Acq: 17 Jul 2020 15:30

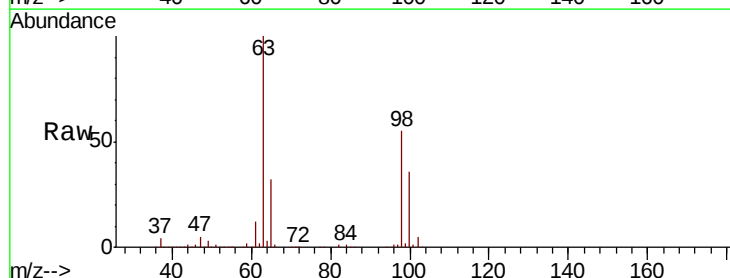
Tgt Ion: 96 Resp: 1465

Ion Ratio Lower Upper

96 100

61 1005.4 132.7 246.4#

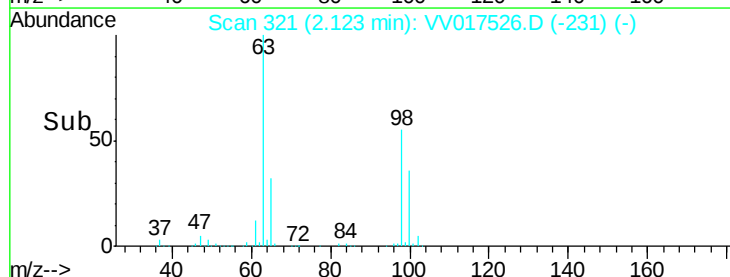
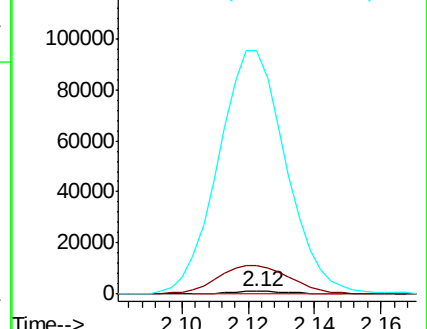
63 8530.7 103.3 191.8#

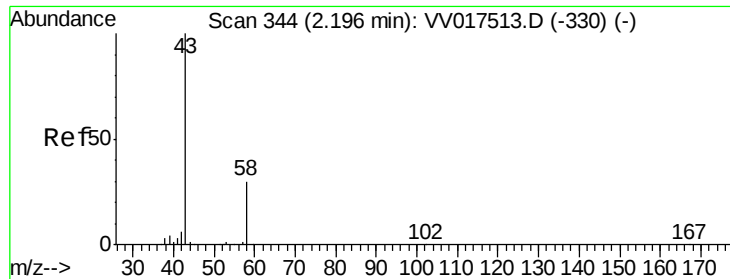


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.673 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV017526.D

Acq: 17 Jul 2020 15:30

Instrument :

MSVOA_V

ClientSampled :

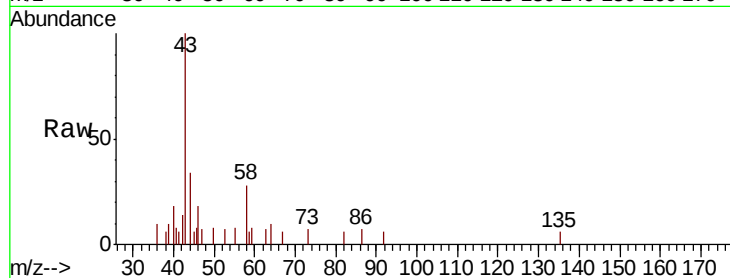
MW-2

Tot Ion: 43 Resp: 3662

Ion Ratio Lower Upper

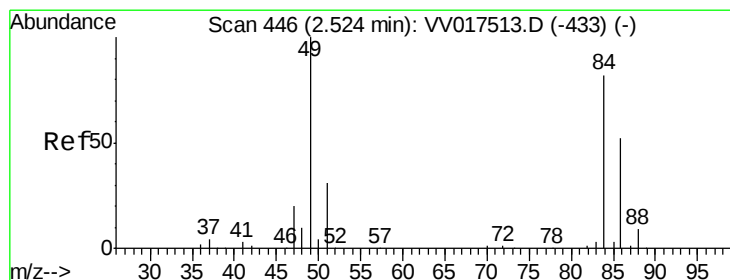
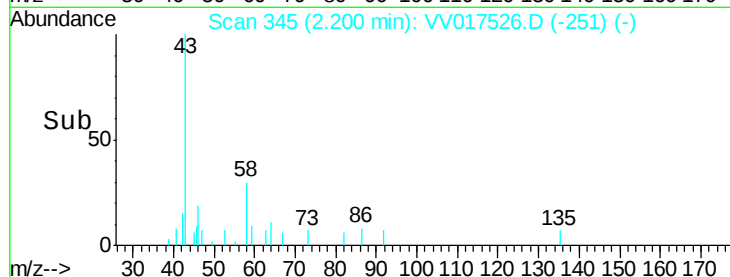
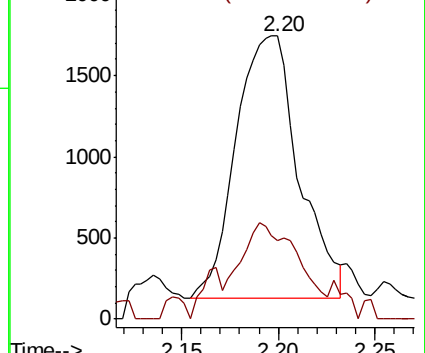
43 100

58 12.8 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 0.709 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017526.D

Acq: 17 Jul 2020 15:30

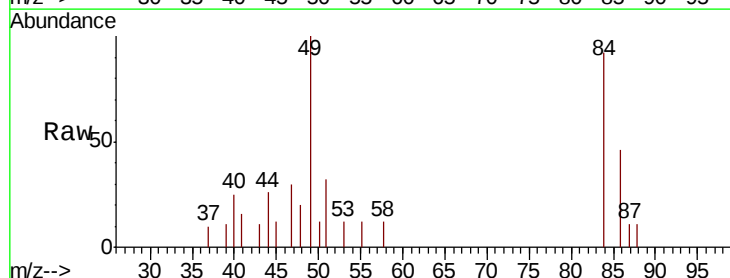
Tgt Ion: 84 Resp: 1403

Ion Ratio Lower Upper

84 100

86 49.6 46.5 86.5

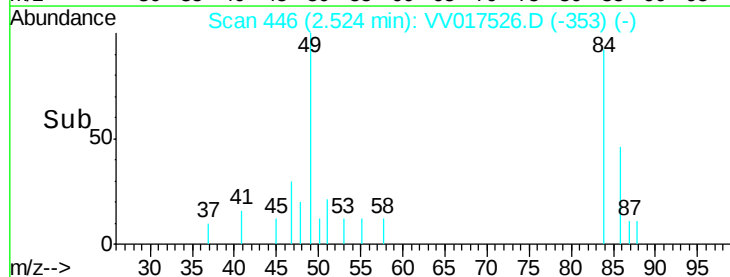
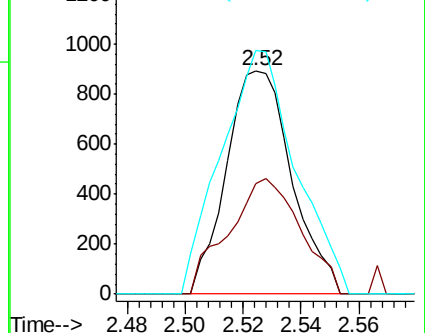
49 108.8 85.3 158.5

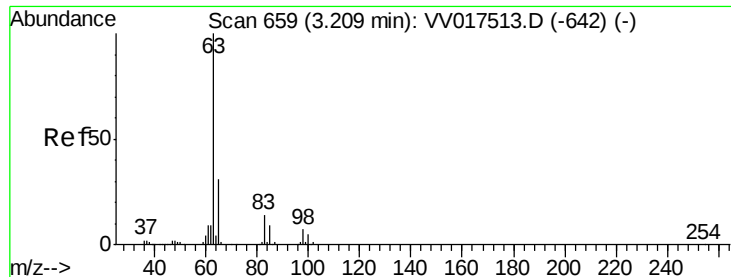


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

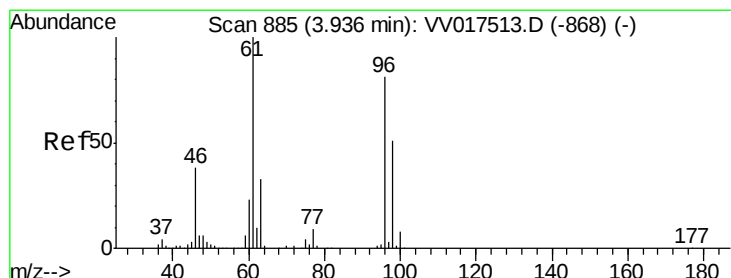
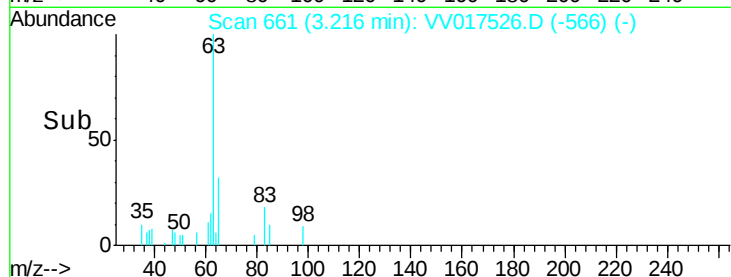
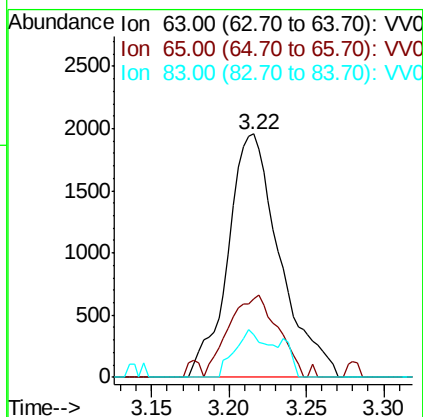
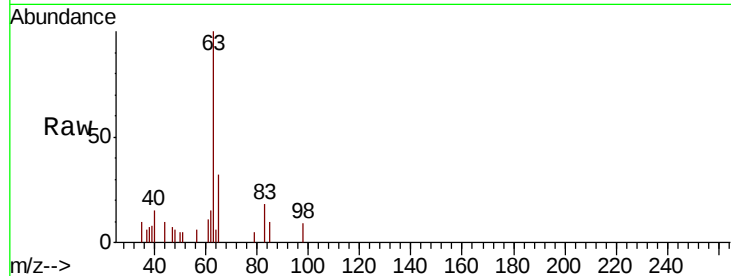




#19
 1,1-Dichloroethane
 Concen: 1.338 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV017526.D
 Acq: 17 Jul 2020 15:30

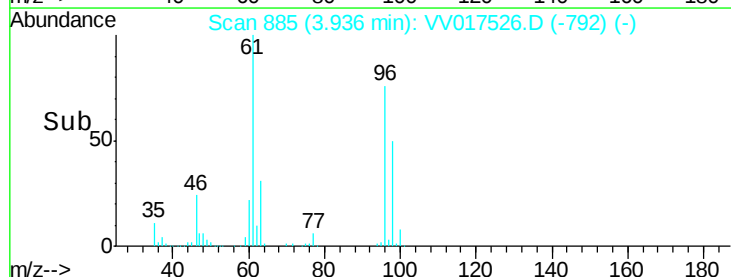
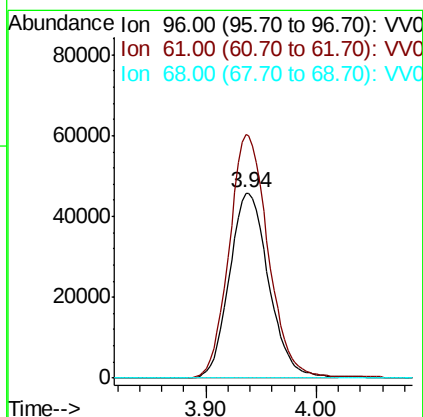
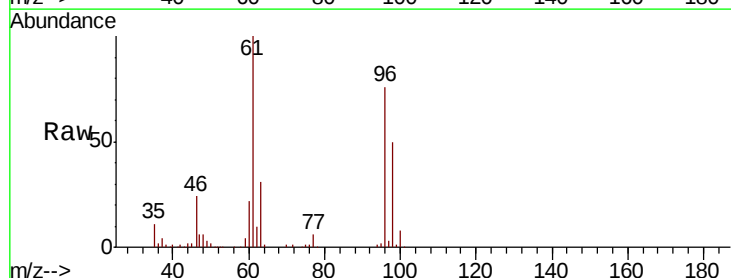
Instrument :
 MSVOA_V
 ClientSampled :
 MW-2

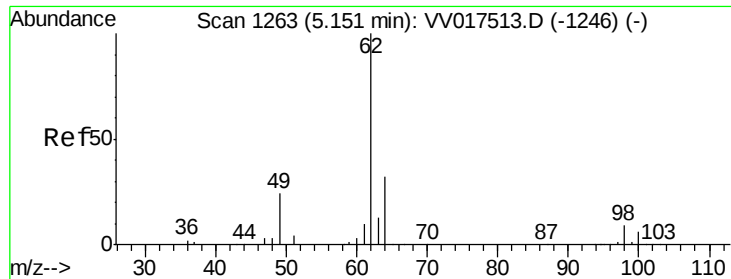
Tot Ion: 63 Resp: 4549
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.1 41.1
 83 17.7 10.1 18.9



#20
 cis-1,2-Dichloroethene
 Concen: 57.120 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017526.D
 Acq: 17 Jul 2020 15:30

Tgt Ion: 96 Resp: 113148
 Ion Ratio Lower Upper
 96 100
 61 131.3 88.9 165.1
 68 0.0 0.0 0.0

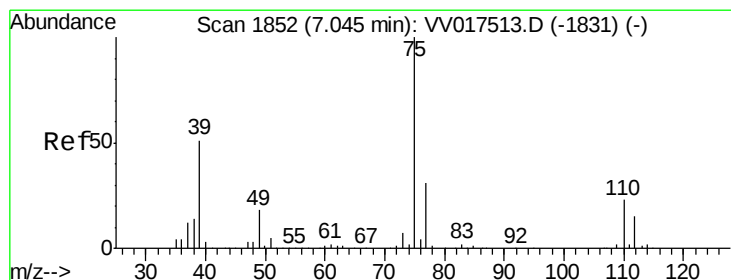
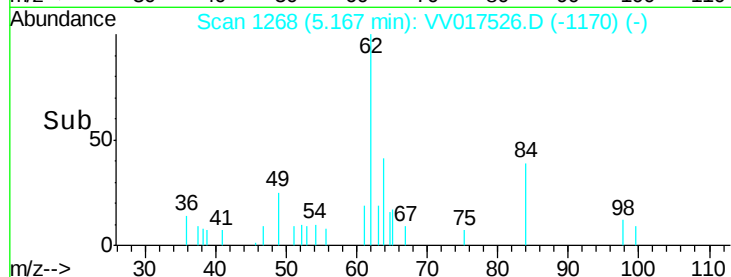
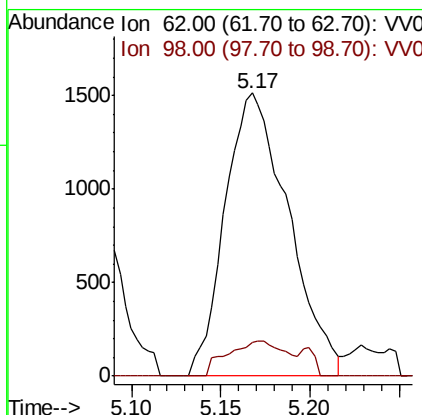
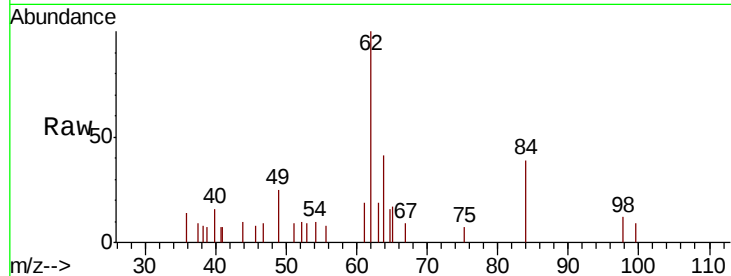




#27
 1,2-Dichloroethane
 Concen: 1.118 ug/L
 RT: 5.17 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: VV017526.D
 Acq: 17 Jul 2020 15:30

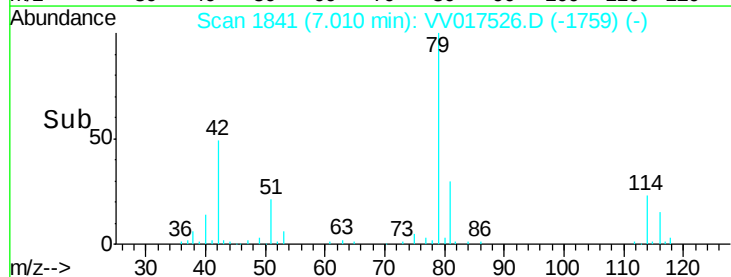
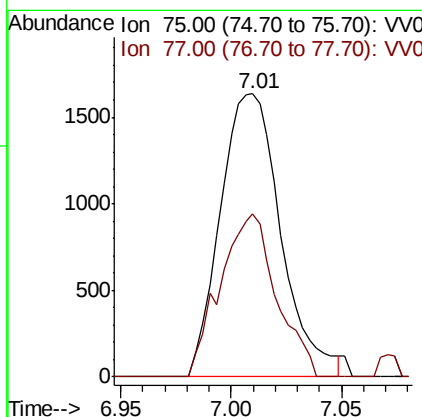
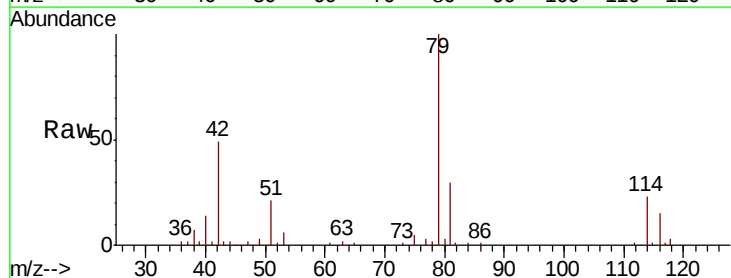
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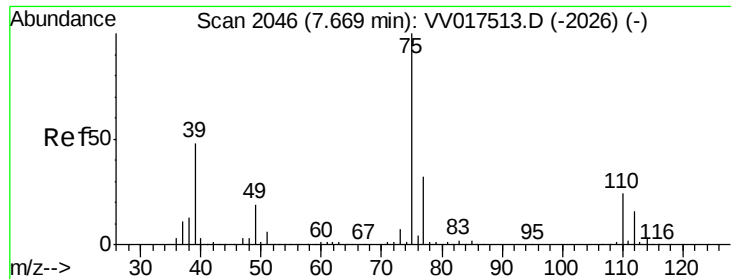
Tot Ion: 62 Resp: 3749
 Ion Ratio Lower Upper
 62 100
 98 12.1 6.4 9.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.056 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017526.D
 Acq: 17 Jul 2020 15:30

Tgt Ion: 75 Resp: 3108
 Ion Ratio Lower Upper
 75 100
 77 57.7 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.927 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017526.D

Acq: 17 Jul 2020 15:30

Instrument :

MSVOA_V

ClientSampleId :

MW-2

Tot Ion: 75 Resp: 2822

Ion Ratio Lower Upper

75 100

77 33.8 21.3 39.5

