

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017872.D
 Acq On : 08 Aug 2020 22:29
 Operator : SY/MD
 Sample : L3608-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L59

Quant Time: Aug 10 05:12:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	223695	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	218083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	105814	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62153	53.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.60%
7) Chloroethane-d5	1.58	69	51149	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.24%
11) 1,1-Dichloroethene-d2	2.12	63	105810	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.24%
21) 2-Butanone-d5	3.91	46	77560	107.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.22%
24) Chloroform-d	4.37	84	149077	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
26) 1,2-Dichloroethane-d4	5.05	65	113879	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
32) Benzene-d6	5.07	84	258959	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
36) 1,2-Dichloropropane-d6	6.09	67	67107	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.10%
41) Toluene-d8	7.34	98	254956	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%
43) trans-1,3-Dichloropropene-	7.64	79	34581	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.11	63	45289	97.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97427	48.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	116461	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%

Target Compounds

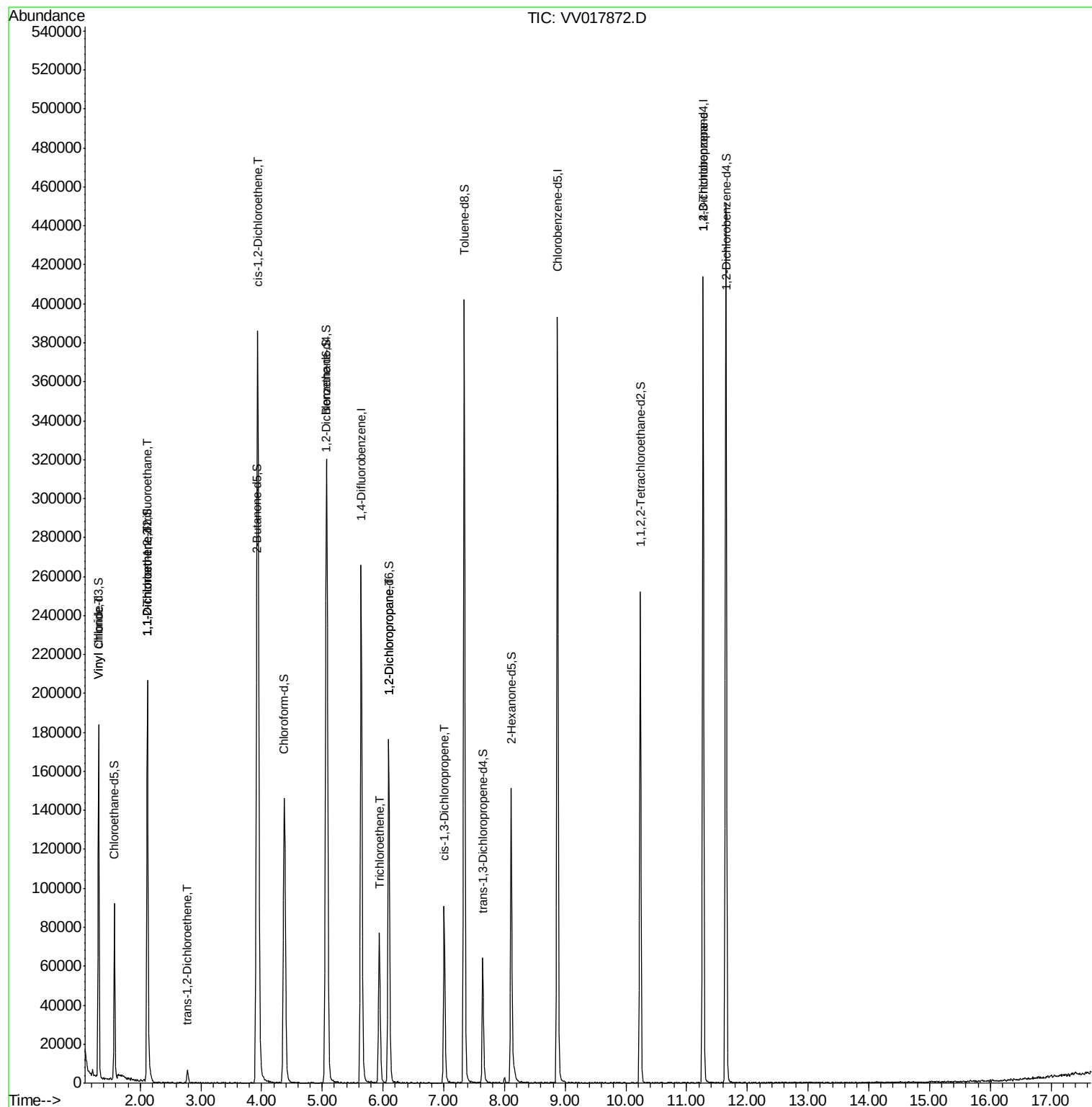
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	49353	37.760	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	994	0.696	ug/L #	16
12) 1,1-Dichloroethene	2.13	96	1083	0.822	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	2497	1.856	ug/L	84
20) cis-1,2-Dichloroethene	3.94	96	207190	142.620	ug/L	100
34) Trichloroethene	5.94	95	24150	15.499	ug/L	99
37) 1,2-Dichloropropane	6.09	63	9933	8.806	ug/L #	79
39) cis-1,3-Dichloropropene	7.01	75	2496	1.287	ug/L #	44
59) 1,2,3-Trichloropropane	11.27	75	9966	5.738	ug/L #	81

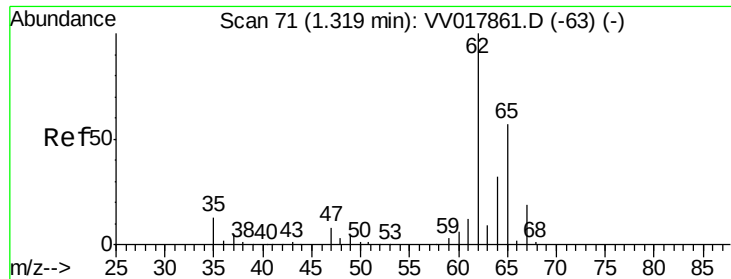
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 37.760 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017872.D

Acq: 08 Aug 2020 22:29

Instrument :

MSVOA_V

ClientSampled :

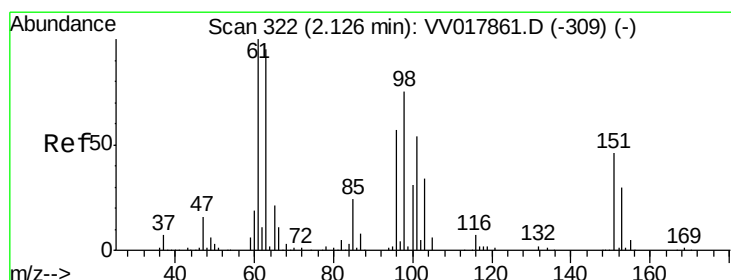
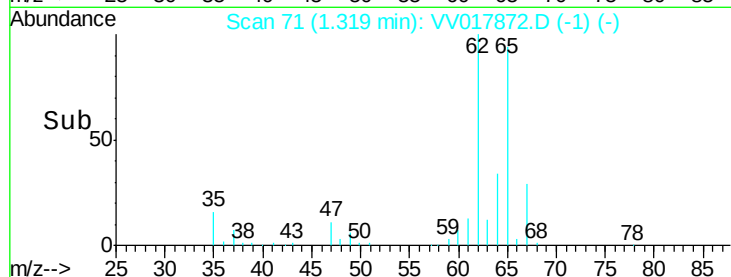
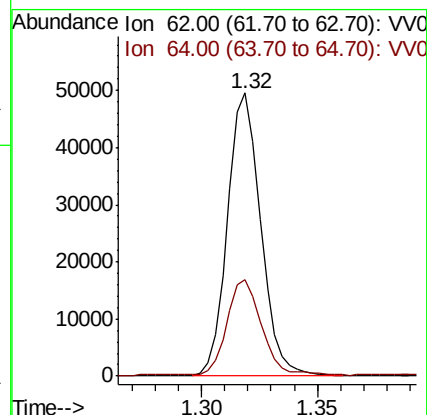
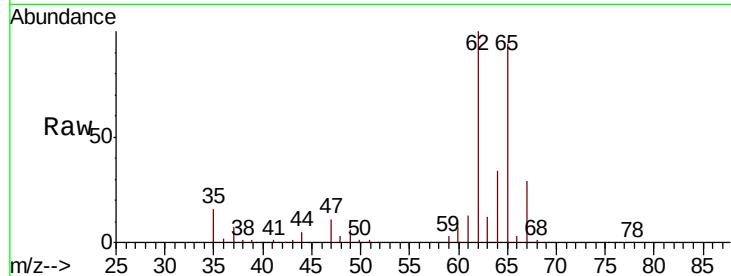
F2L59

Tot Ion: 62 Resp: 49353

Ion Ratio Lower Upper

62 100

64 34.0 24.0 44.6



#10

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

Concen: 0.696 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV017872.D

Acq: 08 Aug 2020 22:29

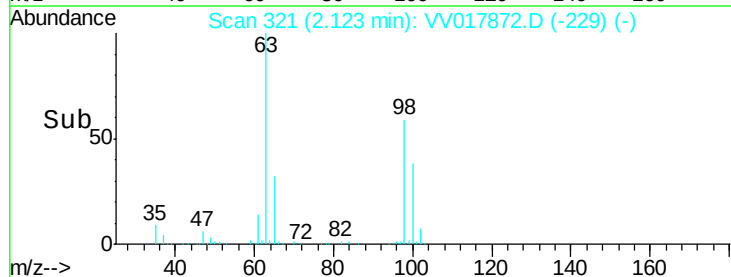
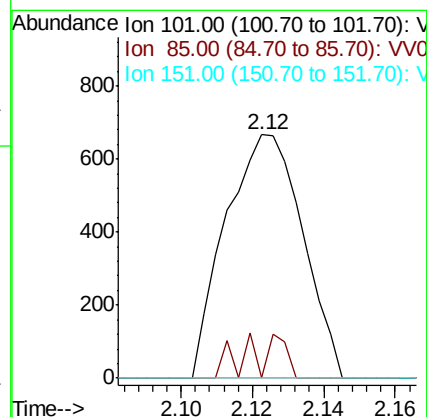
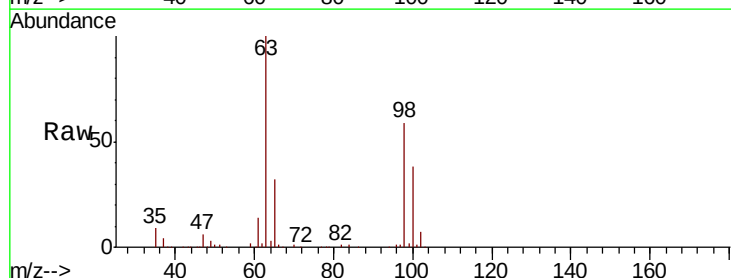
Tgt Ion: 101 Resp: 994

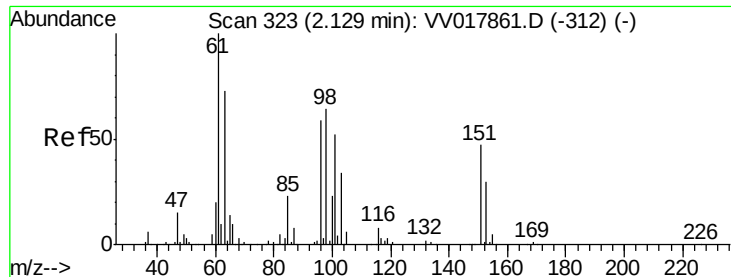
Ion Ratio Lower Upper

101 100

85 4.2 35.0 52.6#

151 0.0 71.0 106.6#

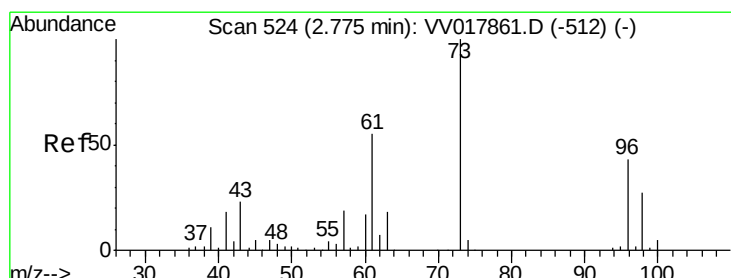
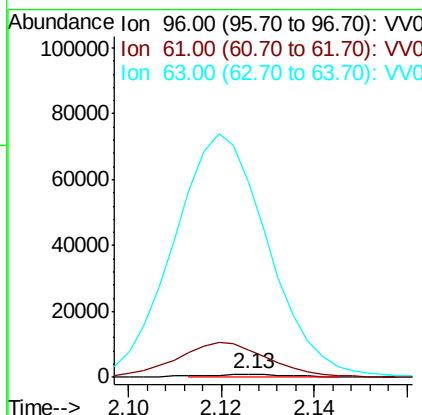
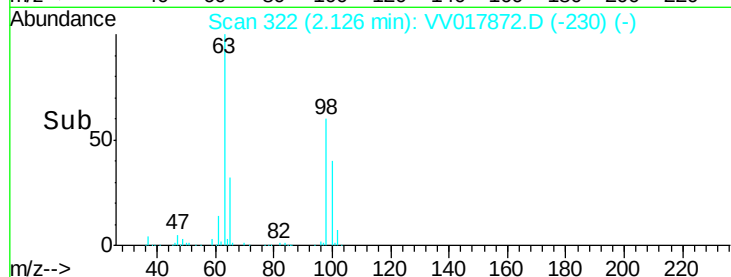
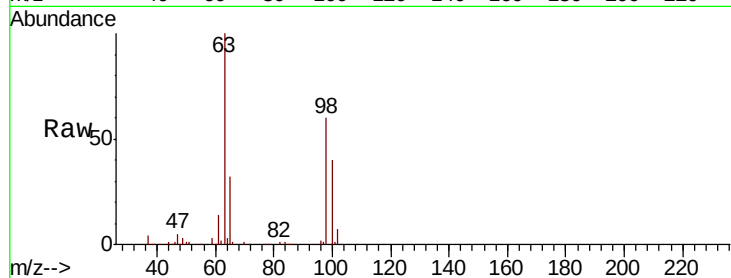




#12
 1,1-Dichloroethene
 Concen: 0.822 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV017872.D
 Acq: 08 Aug 2020 22:29

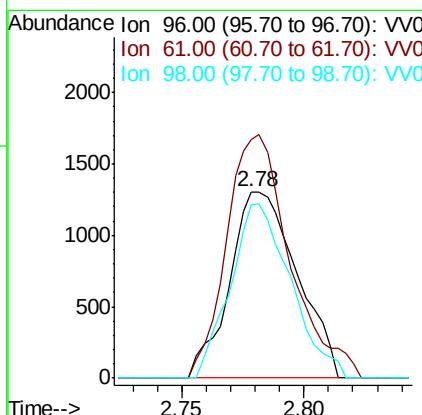
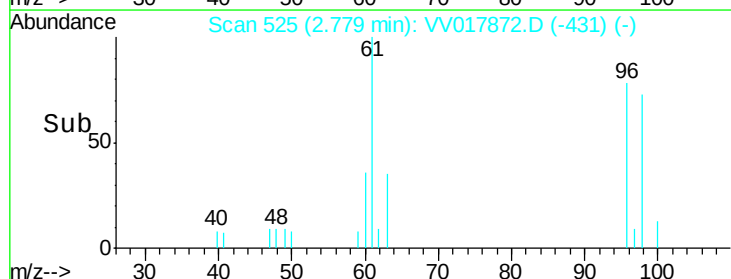
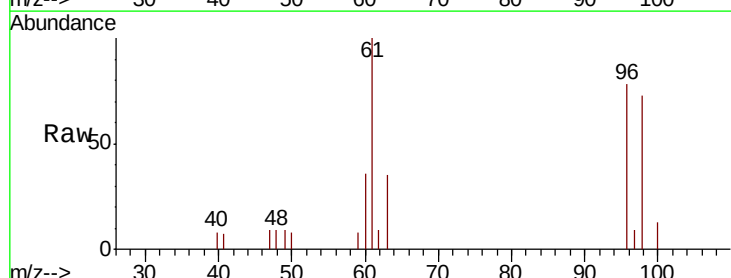
Instrument :
 MSVOA_V
 ClientSampled :
 F2L59

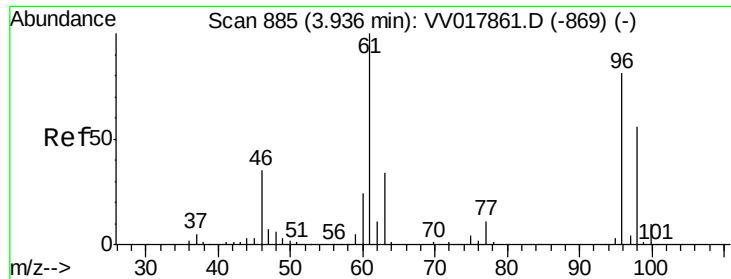
Tot Ion: 96 Resp: 1083
 Ion Ratio Lower Upper
 96 100
 61 917.8 121.1 224.9#
 63 6431.2 98.1 182.1#



#17
 trans-1,2-Dichloroethene
 Concen: 1.856 ug/L
 RT: 2.78 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: VV017872.D
 Acq: 08 Aug 2020 22:29

Tgt Ion: 96 Resp: 2497
 Ion Ratio Lower Upper
 96 100
 61 114.6 92.4 171.6
 98 83.2 47.5 88.1

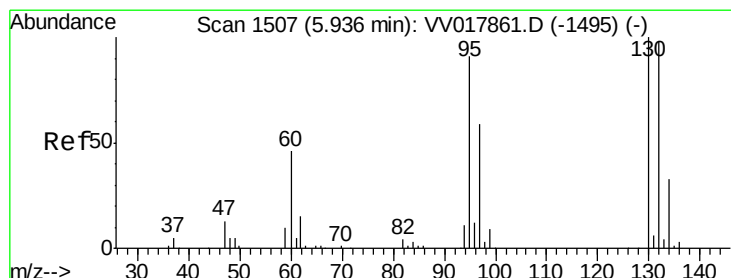
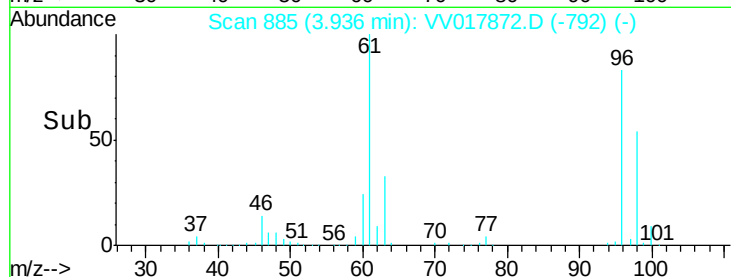
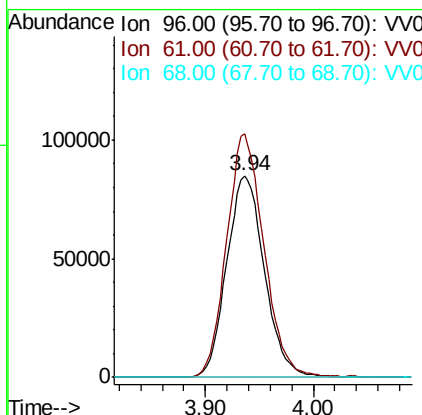
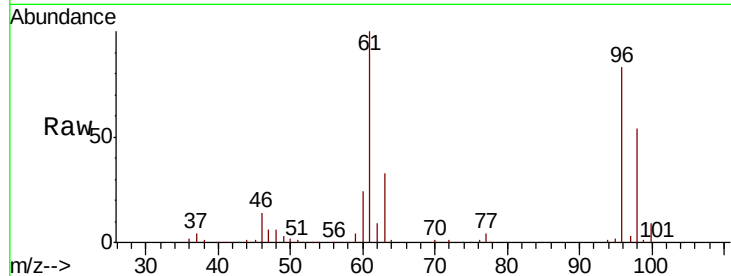




#20
 cis-1,2-Dichloroethene
 Concen: 142.620 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017872.D
 Acq: 08 Aug 2020 22:29

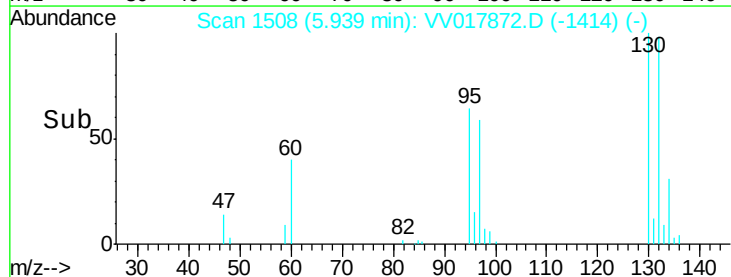
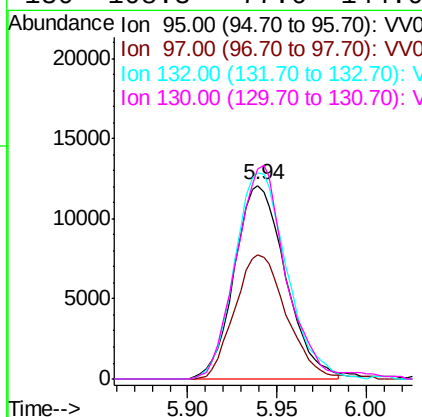
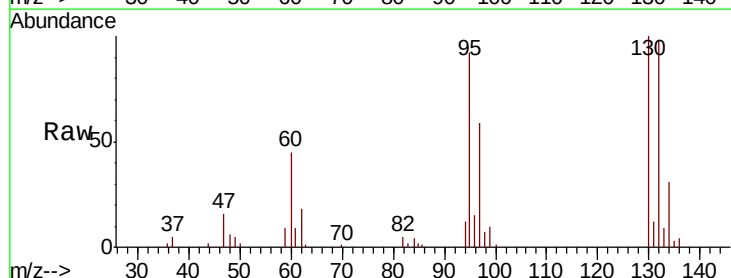
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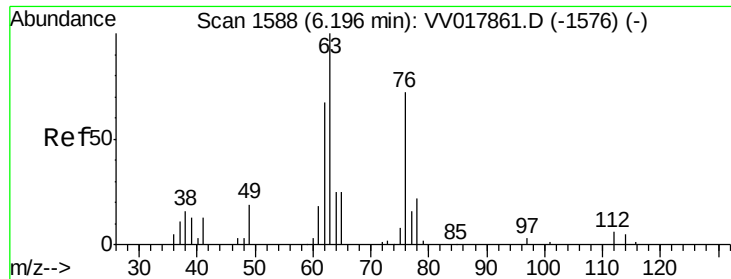
Tot Ion: 96 Resp: 207190
 Ion Ratio Lower Upper
 96 100
 61 120.7 84.4 156.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 15.499 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017872.D
 Acq: 08 Aug 2020 22:29

Tgt Ion: 95 Resp: 24150
 Ion Ratio Lower Upper
 95 100
 97 64.0 44.7 83.1
 132 106.5 73.6 136.8
 130 108.3 77.6 144.0

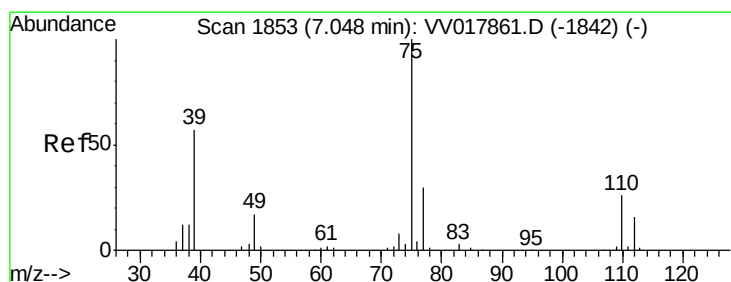
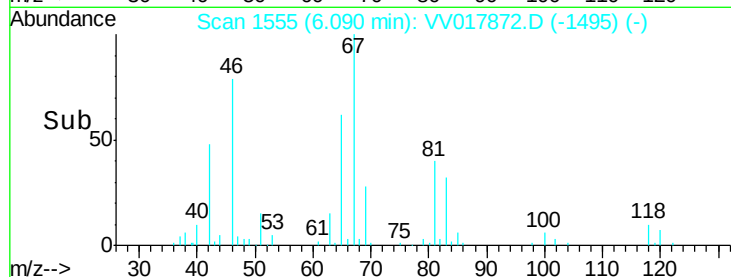
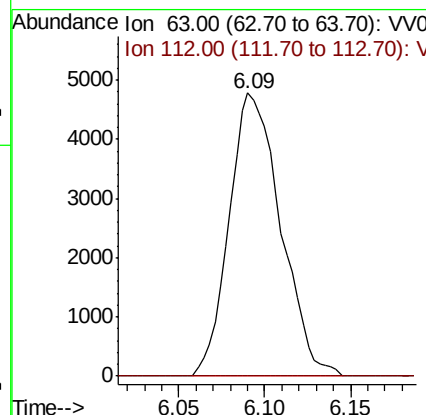
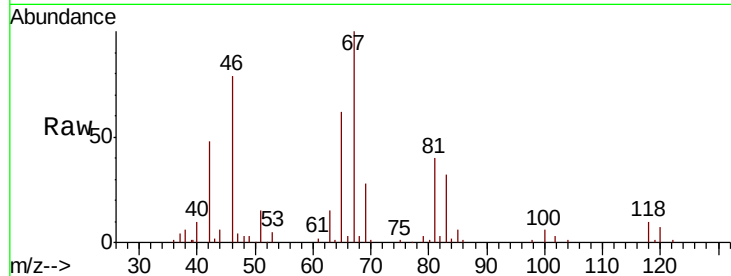




#37
 1,2-Dichloropropane
 Concen: 8.806 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV017872.D
 Acq: 08 Aug 2020 22:29

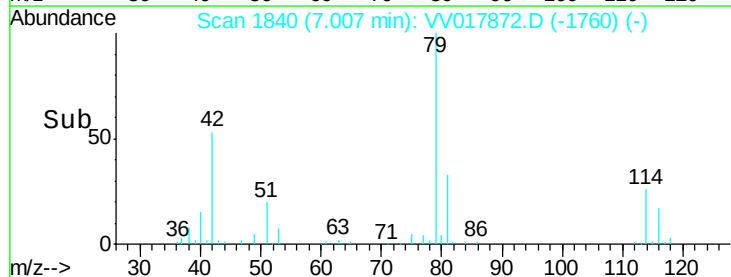
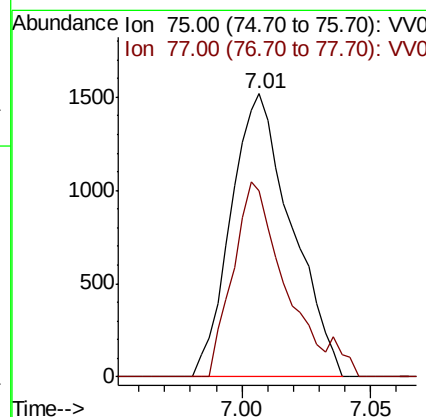
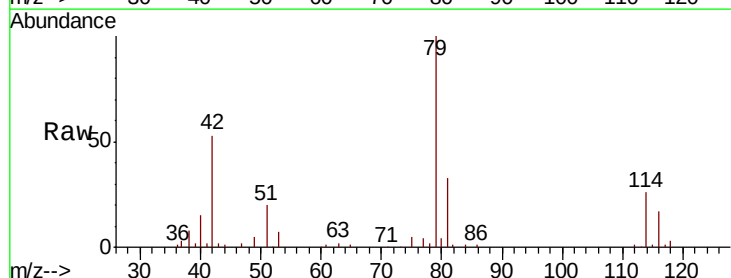
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 MSVOA_V
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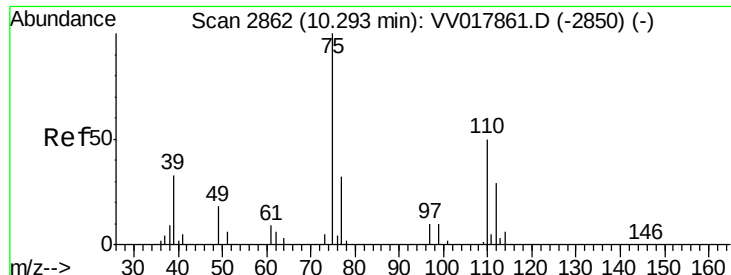
Tot Ion: 63 Resp: 9933
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.8 8.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.287 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017872.D
 Acq: 08 Aug 2020 22:29

Tgt Ion: 75 Resp: 2496
 Ion Ratio Lower Upper
 75 100
 77 65.7 23.7 44.1#





#59
 1,2,3-Trichloropropane
 Concen: 5.738 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV017872.D
 Acq: 08 Aug 2020 22:29

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L59

Tot Ion: 75 Resp: 9966
 Ion Ratio Lower Upper
 75 100
 77 43.6 26.4 39.6#

