

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016608.D
 Acq On : 06 Jun 2020 23:47
 Operator : SY/MD
 Sample : L2875-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS8

Quant Time: Jun 07 01:27:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 01:25:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	375106	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344710	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	124980	47.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.08%
7) Chloroethane-d5	1.56	69	80777	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.22%
11) 1,1-Dichloroethene-d2	2.12	63	162276	34.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.92%
21) 2-Butanone-d5	3.89	46	195157	114.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.88%
24) Chloroform-d	4.37	84	246730	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
26) 1,2-Dichloroethane-d4	5.05	65	174854	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.74%
32) Benzene-d6	5.07	84	497644	53.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.78%
36) 1,2-Dichloropropane-d6	6.09	67	155702	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.24%
41) Toluene-d8	7.34	98	444137	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%
43) trans-1,3-Dichloropropene-	7.64	79	71032	50.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.32%
47) 2-Hexanone-d5	8.11	63	143905	116.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201516	51.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	174983	58.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

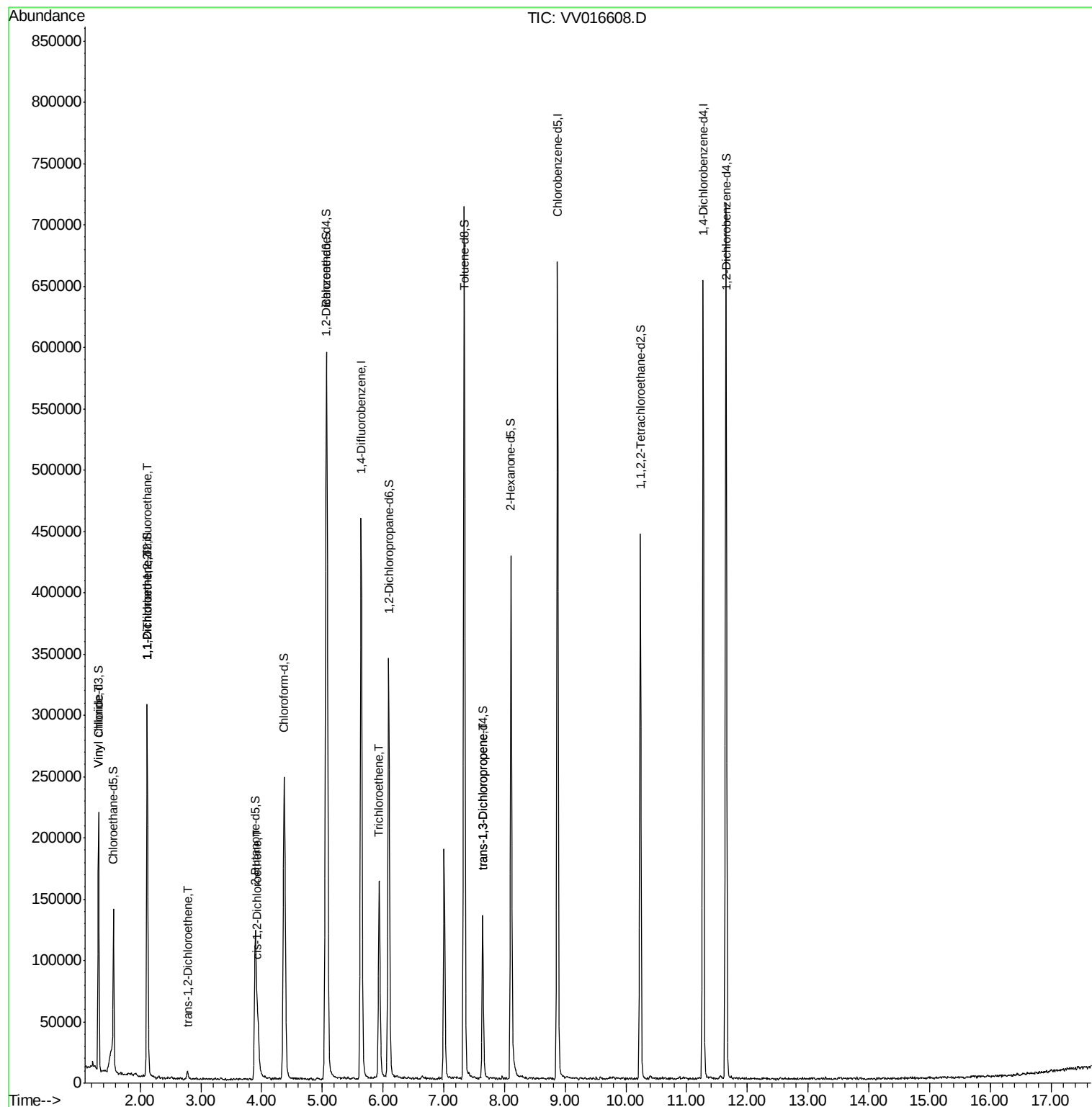
					Ovalue
5) Vinyl chloride	1.32	62	9601	3.332 ug/L #	70
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1529	0.707 ug/L #	26
12) 1,1-Dichloroethene	2.12	96	1500	0.720 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	2123	0.808 ug/L	89
20) cis-1,2-Dichloroethene	3.94	96	19172	6.761 ug/L	99
34) Trichloroethene	5.94	95	53845	20.242 ug/L	96
44) trans-1,3-Dichloropropene	7.64	75	3551	0.939 ug/L	91

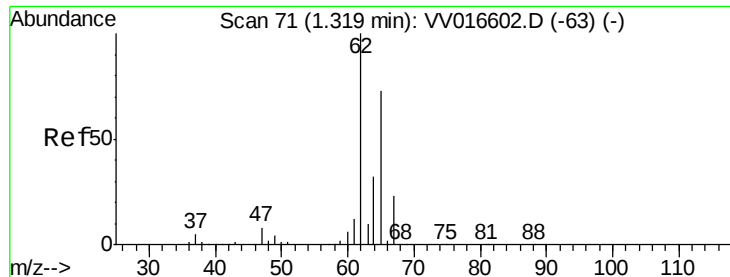
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.332 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016608.D

Acq: 06 Jun 2020 23:47

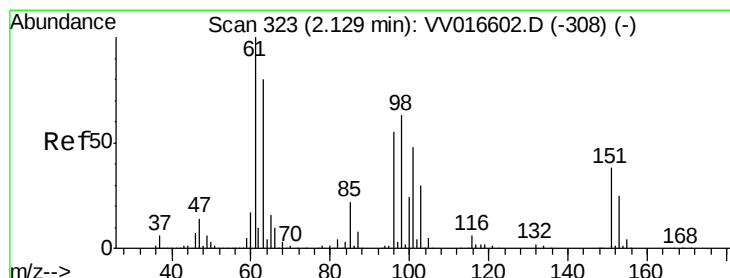
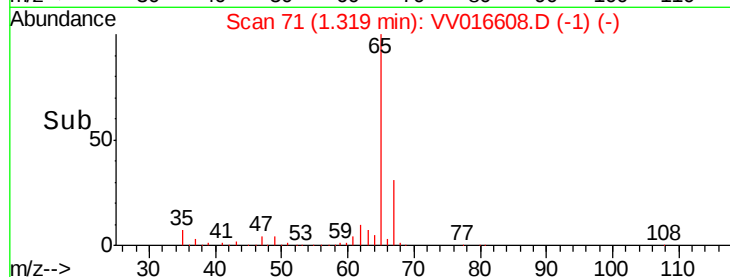
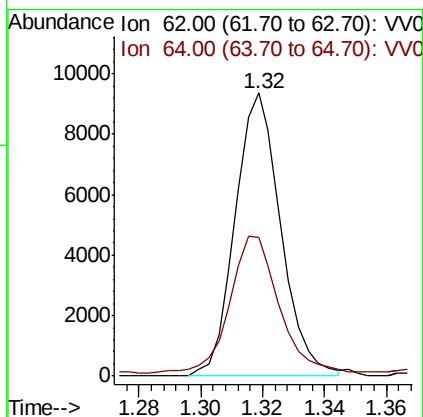
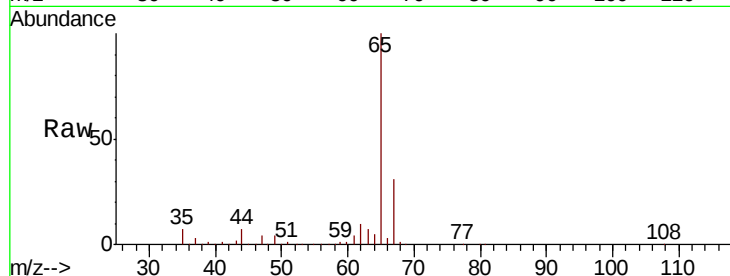
Instrument :
MSVOA_V
ClientSampled :
ETTS8

Tot Ion: 62 Resp: 9601

Ion Ratio Lower Upper

62 100

64 49.1 22.7 42.1#



#10

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

Concen: 0.707 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016608.D

Acq: 06 Jun 2020 23:47

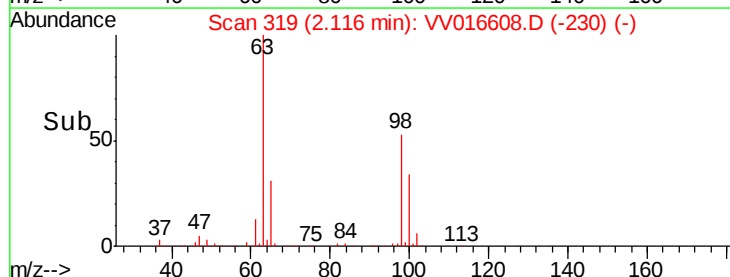
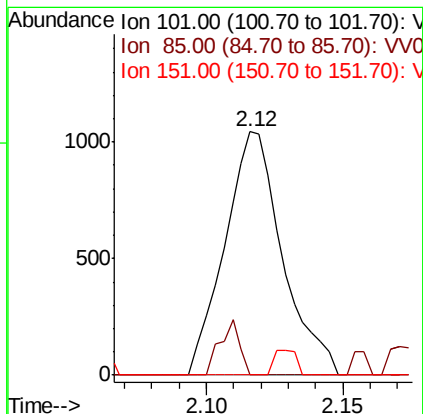
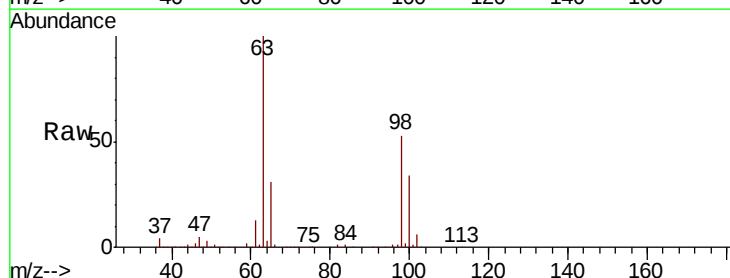
Tgt Ion: 101 Resp: 1529

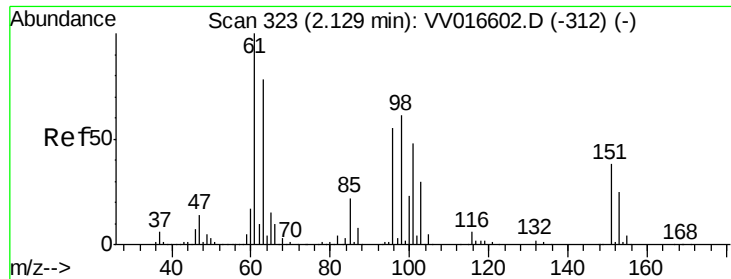
Ion Ratio Lower Upper

101 100

85 7.9 35.6 53.4#

151 3.9 61.8 92.8#





#12

1,1-Dichloroethene

Concen: 0.720 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016608.D

Acq: 06 Jun 2020 23:47

Instrument :

MSVOA_V

ClientSampleId :

ETTS8

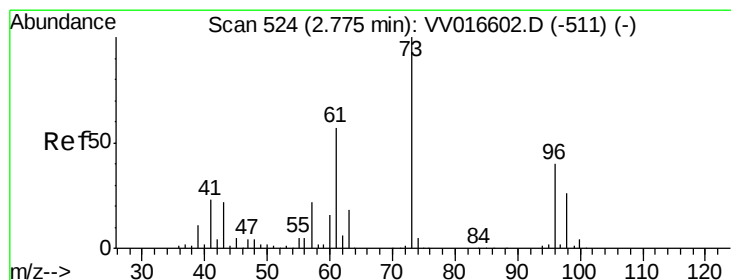
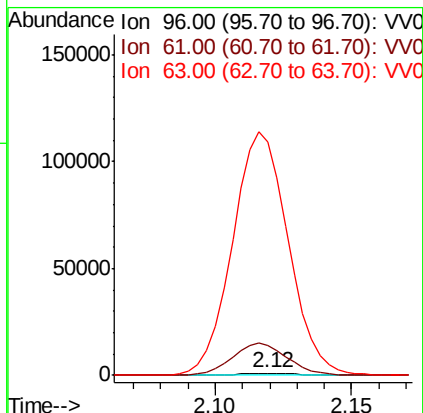
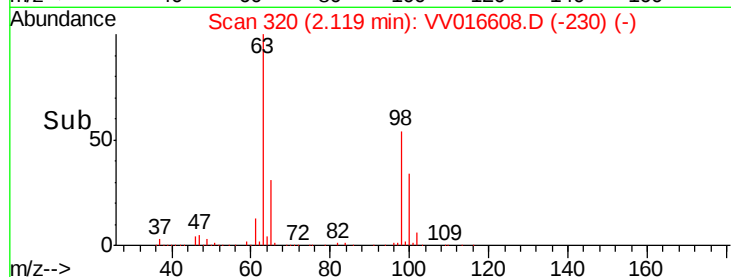
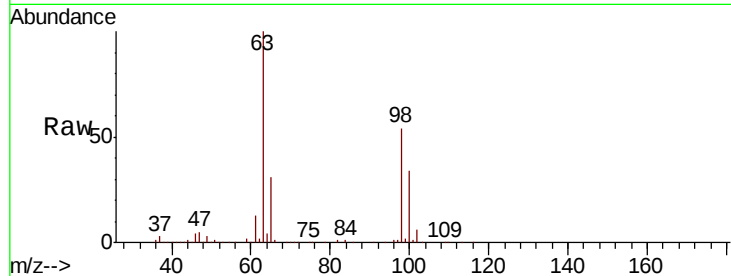
Tot Ion: 96 Resp: 1500

Ion Ratio Lower Upper

96 100

61 1370.1 125.5 233.1#

63 10661.2 104.0 193.1#



#17

trans-1,2-Dichloroethene

Concen: 0.808 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016608.D

Acq: 06 Jun 2020 23:47

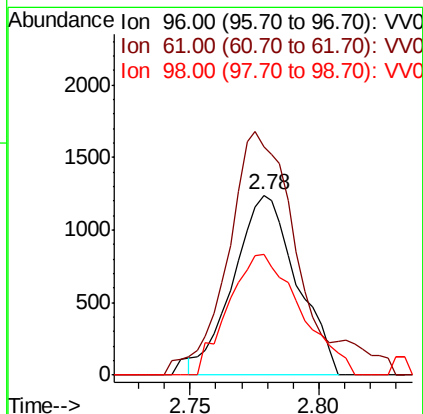
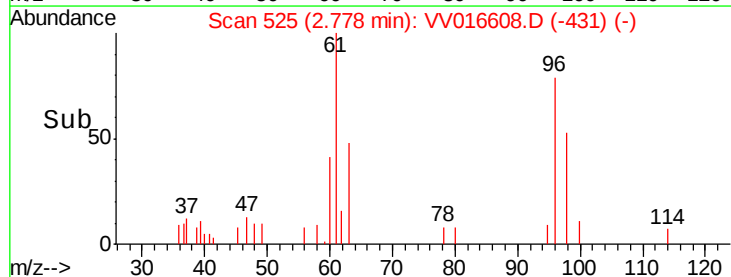
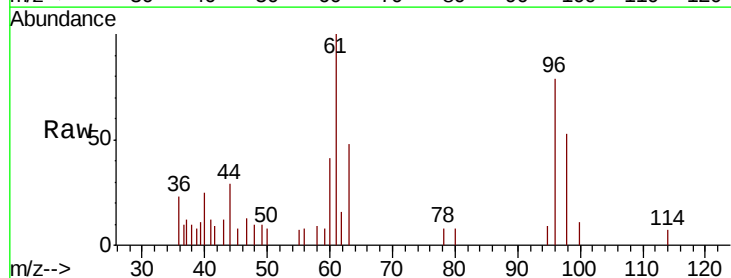
Tgt Ion: 96 Resp: 2123

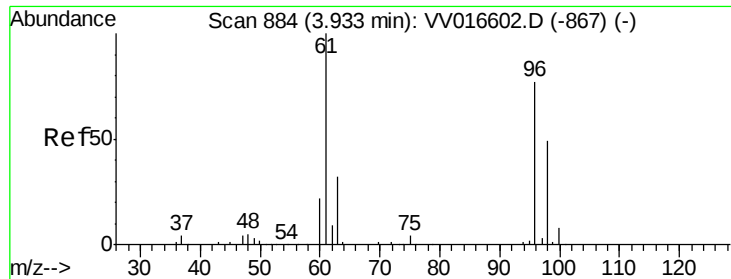
Ion Ratio Lower Upper

96 100

61 127.0 101.0 187.6

98 67.3 44.7 83.1

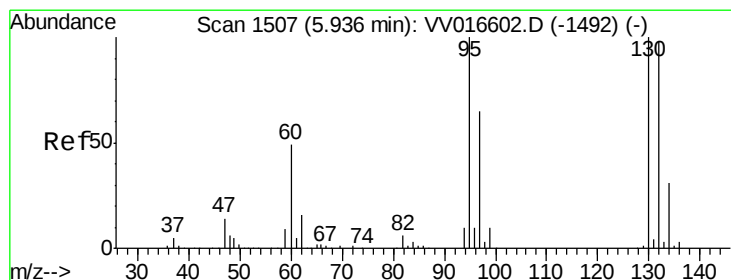
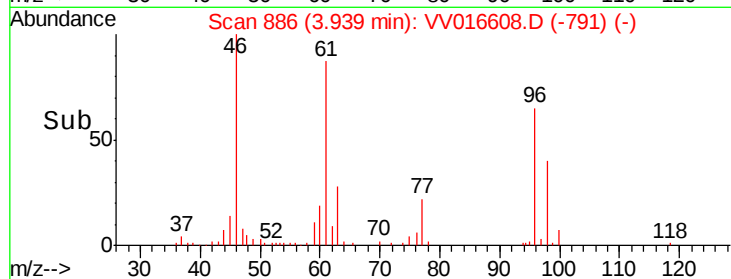
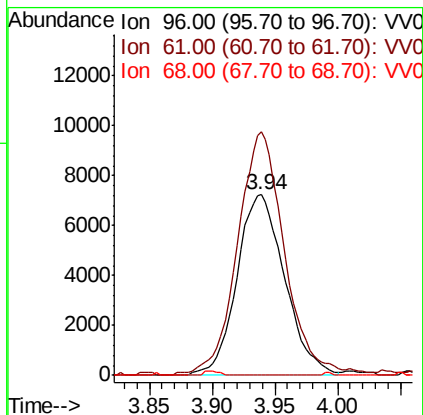
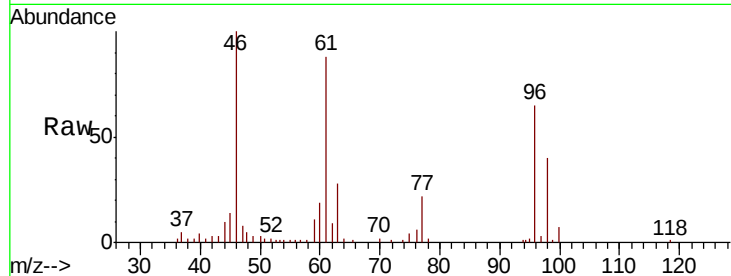




#20
 cis-1,2-Dichloroethene
 Concen: 6.761 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV016608.D
 Acq: 06 Jun 2020 23:47

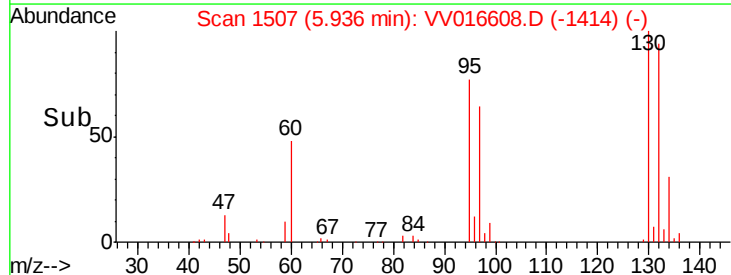
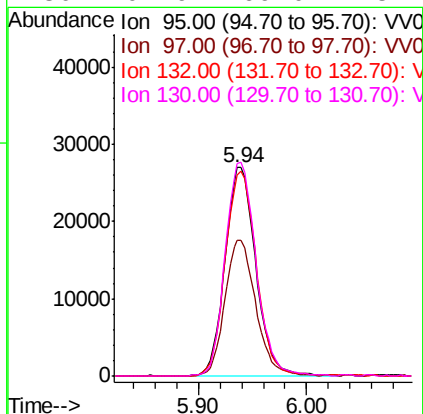
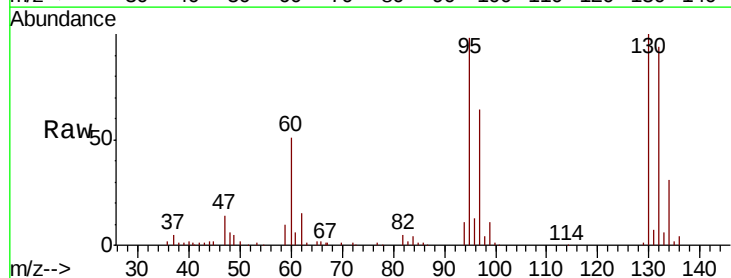
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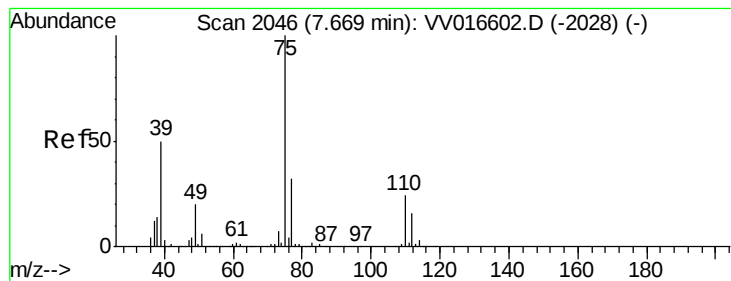
Tot Ion: 96 Resp: 19172
 Ion Ratio Lower Upper
 96 100
 61 134.9 93.4 173.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 20.242 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV016608.D
 Acq: 06 Jun 2020 23:47

Tgt Ion: 95 Resp: 53845
 Ion Ratio Lower Upper
 95 100
 97 65.2 42.8 79.6
 132 96.2 65.6 121.8
 130 101.9 69.0 128.1





#44

trans-1,3-Dichloropropene

Concen: 0.939 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016608.D

Acq: 06 Jun 2020 23:47

Instrument :

MSVOA_V

ClientSampleId :

ETTS8

Tot Ion: 75 Resp: 3551

Ion Ratio Lower Upper

75 100

77 36.7 22.2 41.2

