

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016606.D
 Acq On : 06 Jun 2020 22:59
 Operator : SY/MD
 Sample : L2875-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS2

Quant Time: Jun 07 01:43:51 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	377735	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166922	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	121518	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.84%
7) Chloroethane-d5	1.56	69	85836	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.88%
11) 1,1-Dichloroethene-d2	2.12	63	165406	34.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.76%
21) 2-Butanone-d5	3.89	46	194382	113.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.63%
24) Chloroform-d	4.37	84	247799	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.05	65	173922	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
32) Benzene-d6	5.07	84	496346	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
36) 1,2-Dichloropropane-d6	6.09	67	158066	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.92%
41) Toluene-d8	7.34	98	441865	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.64	79	71499	49.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.32%
47) 2-Hexanone-d5	8.11	63	144142	112.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	204742	50.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	179719	57.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.58%

Target Compounds

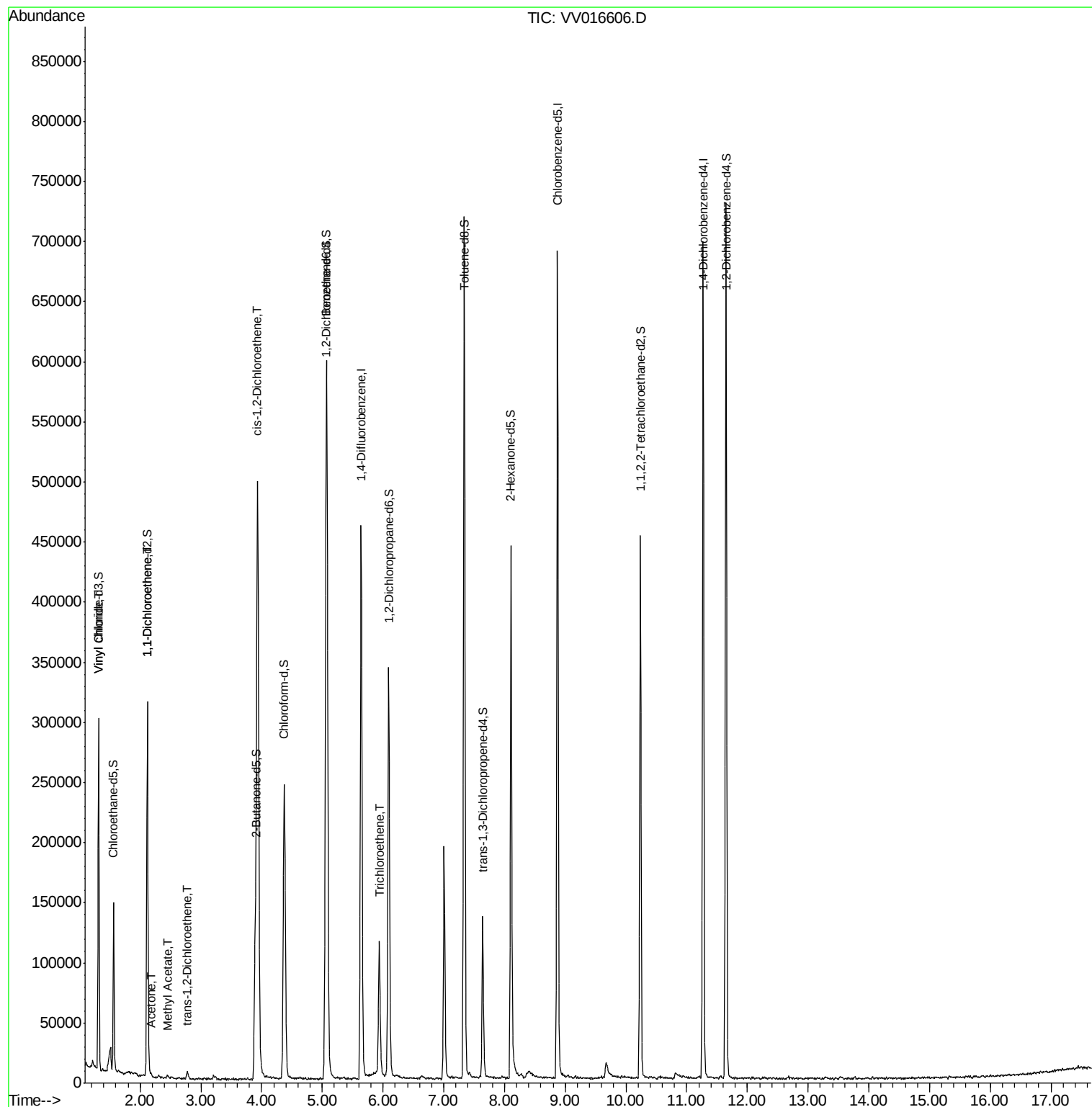
					Ovalue
5) Vinyl chloride	1.32	62	63702	21.956 ug/L	97
12) 1,1-Dichloroethene	2.13	96	3966	1.891 ug/L #	1
13) Acetone	2.18	43	3251	2.033 ug/L	95
15) Methyl Acetate	2.45	43	3227	1.098 ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	2013	0.761 ug/L	80
20) cis-1,2-Dichloroethene	3.94	96	267692	93.742 ug/L	99
34) Trichloroethene	5.94	95	36743	13.316 ug/L	97

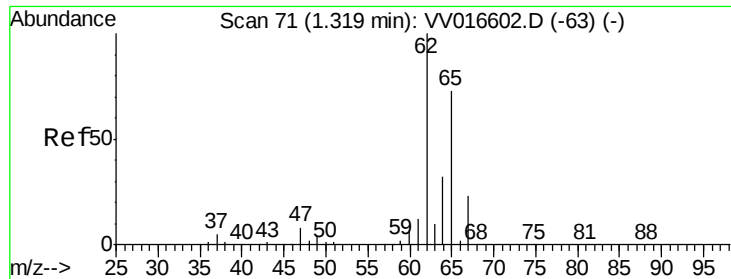
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 21.956 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016606.D

Acq: 06 Jun 2020 22:59

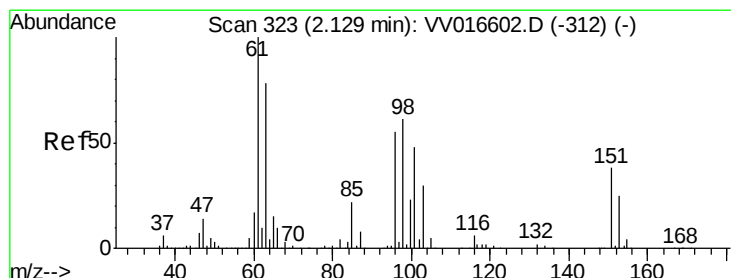
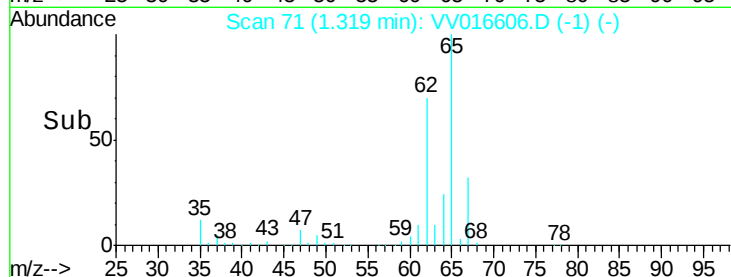
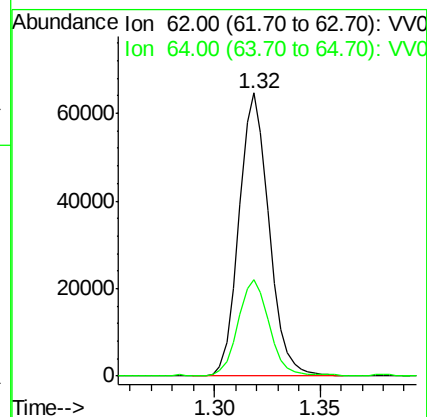
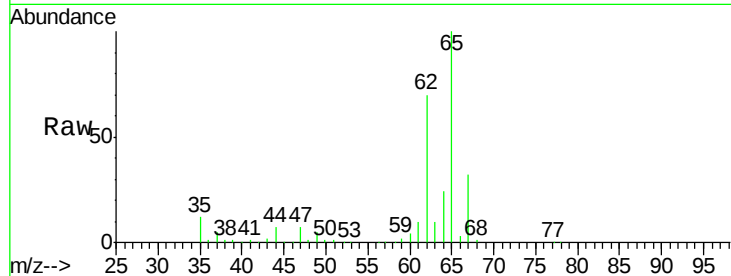
Instrument :
MSVOA_V
ClientSampleId :
ETTS2

Tot Ion: 62 Resp: 63702

Ion Ratio Lower Upper

62 100

64 34.1 22.7 42.1



#12

1,1-Dichloroethene

Concen: 1.891 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016606.D

Acq: 06 Jun 2020 22:59

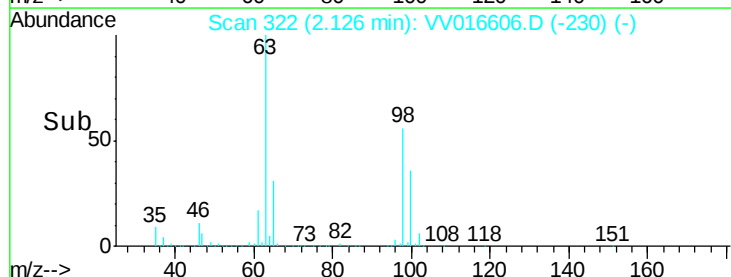
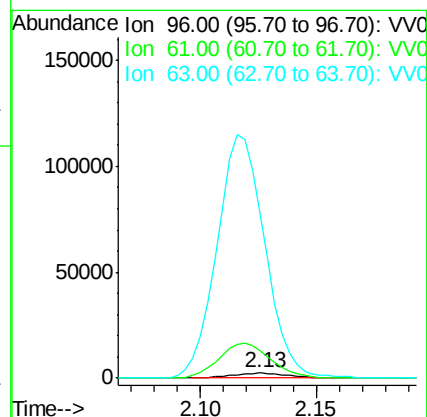
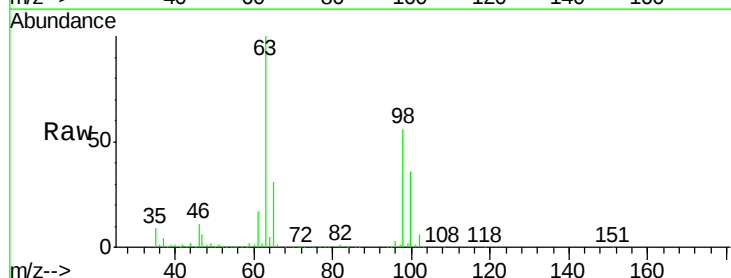
Tgt Ion: 96 Resp: 3966

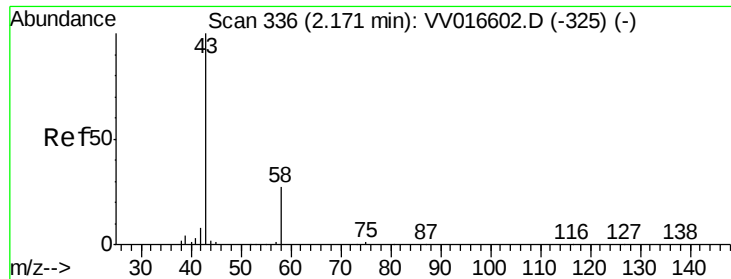
Ion Ratio Lower Upper

96 100

61 548.4 125.5 233.1#

63 3270.9 104.0 193.1#





#13

Acetone

Concen: 2.033 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.01 min

Lab File: VV016606.D

Acq: 06 Jun 2020 22:59

Instrument :

MSVOA_V

ClientSampleId :

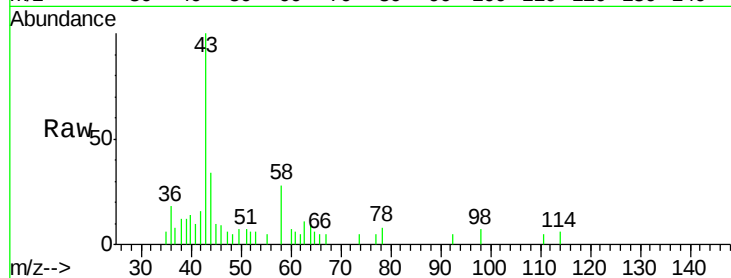
ETTS2

Tot Ion: 43 Resp: 3251

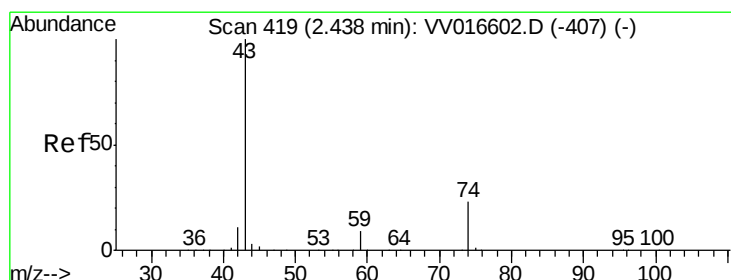
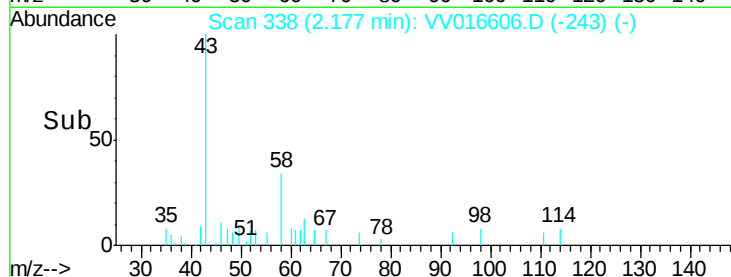
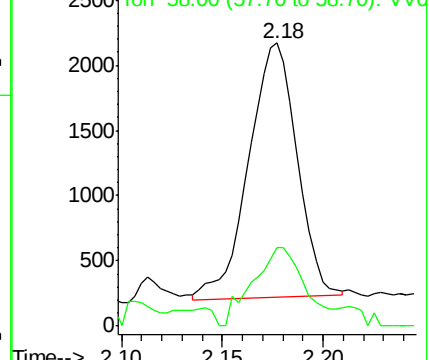
Ion Ratio Lower Upper

43 100

58 31.3 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016606.D (-243) (-)



#15

Methyl Acetate

Concen: 1.098 ug/L

RT: 2.45 min Scan# 422

Delta R.T. 0.01 min

Lab File: VV016606.D

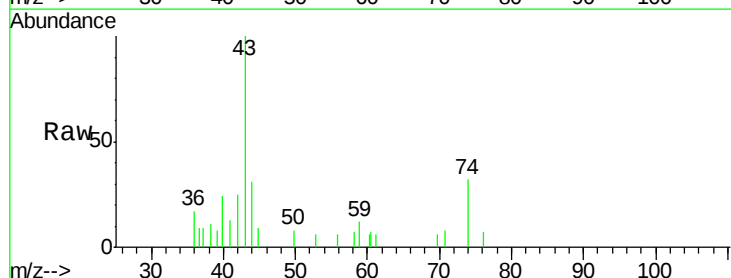
Acq: 06 Jun 2020 22:59

Tgt Ion: 43 Resp: 3227

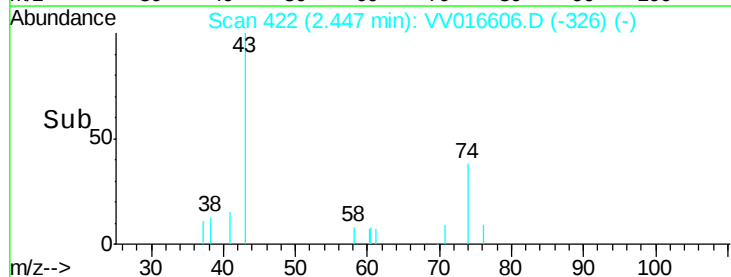
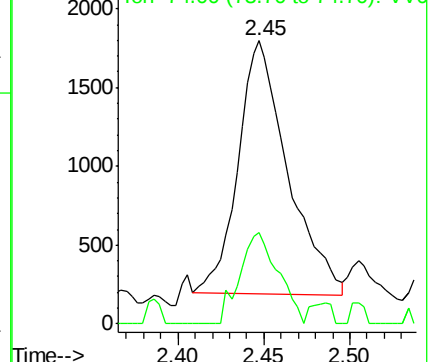
Ion Ratio Lower Upper

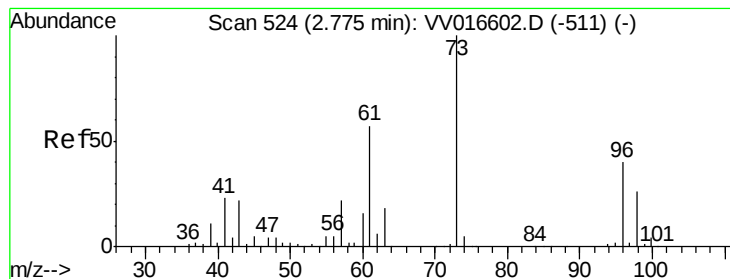
43 100

74 25.6 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VV016606.D (-326) (-)





#17

trans-1,2-Dichloroethene

Concen: 0.761 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016606.D

Acq: 06 Jun 2020 22:59

Instrument :

MSVOA_V

ClientSampleId :

ETTS2

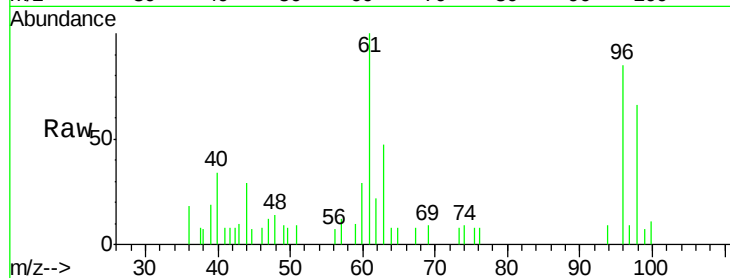
Tot Ion: 96 Resp: 2013

Ion Ratio Lower Upper

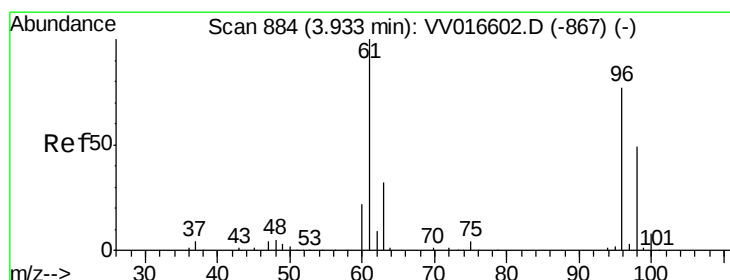
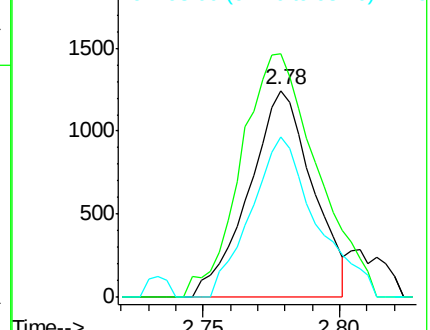
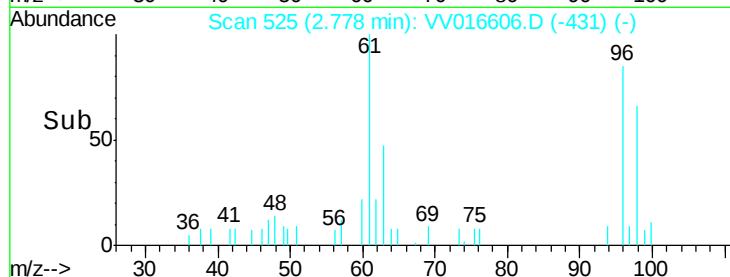
96 100

61 117.7 101.0 187.6

98 77.3 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV016606.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 93.742 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV016606.D

Acq: 06 Jun 2020 22:59

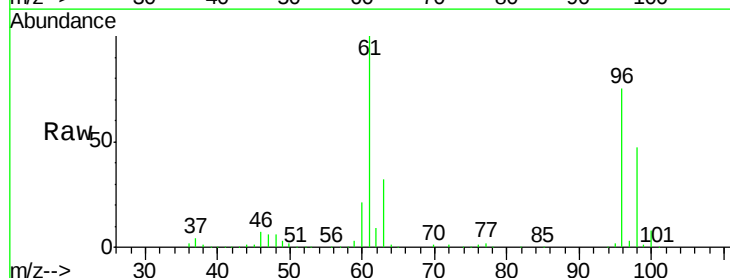
Tgt Ion: 96 Resp: 267692

Ion Ratio Lower Upper

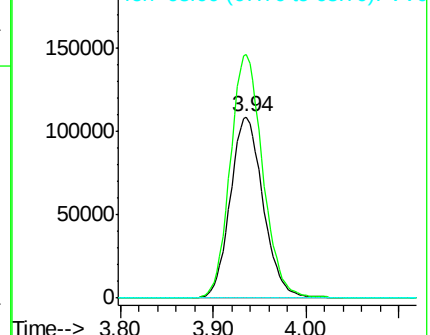
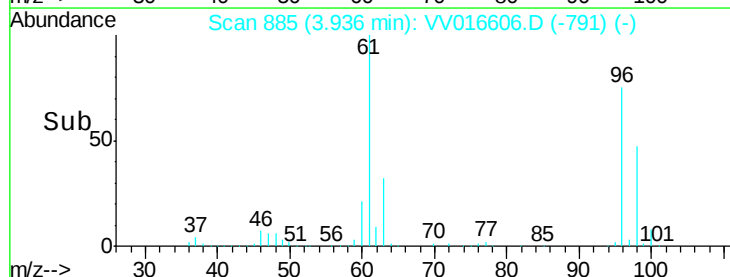
96 100

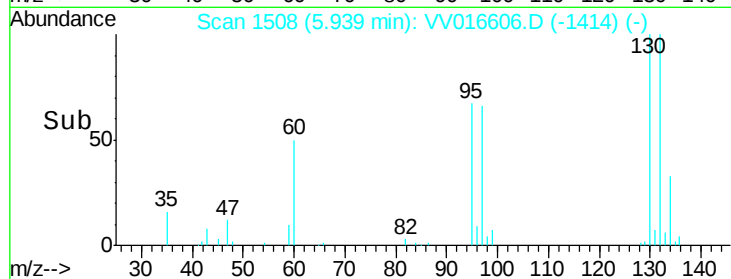
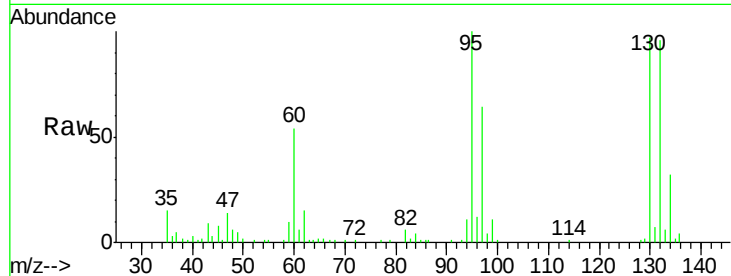
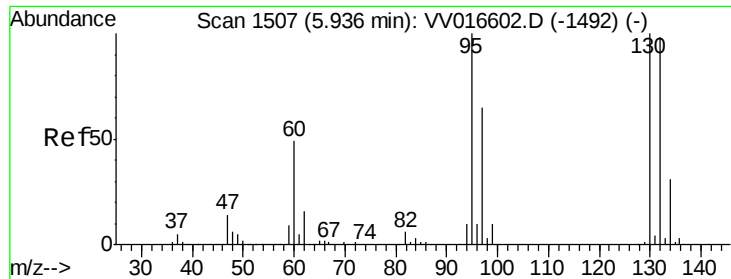
61 134.1 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016606.D (-791) (-)





#34

Trichloroethene

Concen: 13.316 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016606.D

Acq: 06 Jun 2020 22:59

Instrument :

MSVOA_V

ClientSampleId :

ETTS2

Tot Ion: 95 Resp: 36743

Ion Ratio Lower Upper

95 100

97 63.9 42.8 79.6

132 96.2 65.6 121.8

130 96.6 69.0 128.1

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): V

Ion 130.00 (129.70 to 130.70): V

