

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016613.D
 Acq On : 07 Jun 2020 01:45
 Operator : SY/MD
 Sample : L2875-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTX9

Quant Time: Jun 07 02:08:27 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	371112	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343068	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163408	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117098	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.10%
7) Chloroethane-d5	1.56	69	79657	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.96%
11) 1,1-Dichloroethene-d2	2.12	63	157962	33.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.80%
21) 2-Butanone-d5	3.90	46	188969	112.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.43%
24) Chloroform-d	4.37	84	238758	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.05	65	171457	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
32) Benzene-d6	5.07	84	480088	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
36) 1,2-Dichloropropane-d6	6.09	67	148441	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.68%
41) Toluene-d8	7.34	98	429359	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%
43) trans-1,3-Dichloropropene-	7.64	79	67258	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.40%
47) 2-Hexanone-d5	8.11	63	138073	112.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.59%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192834	49.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	170571	55.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.10%

Target Compounds

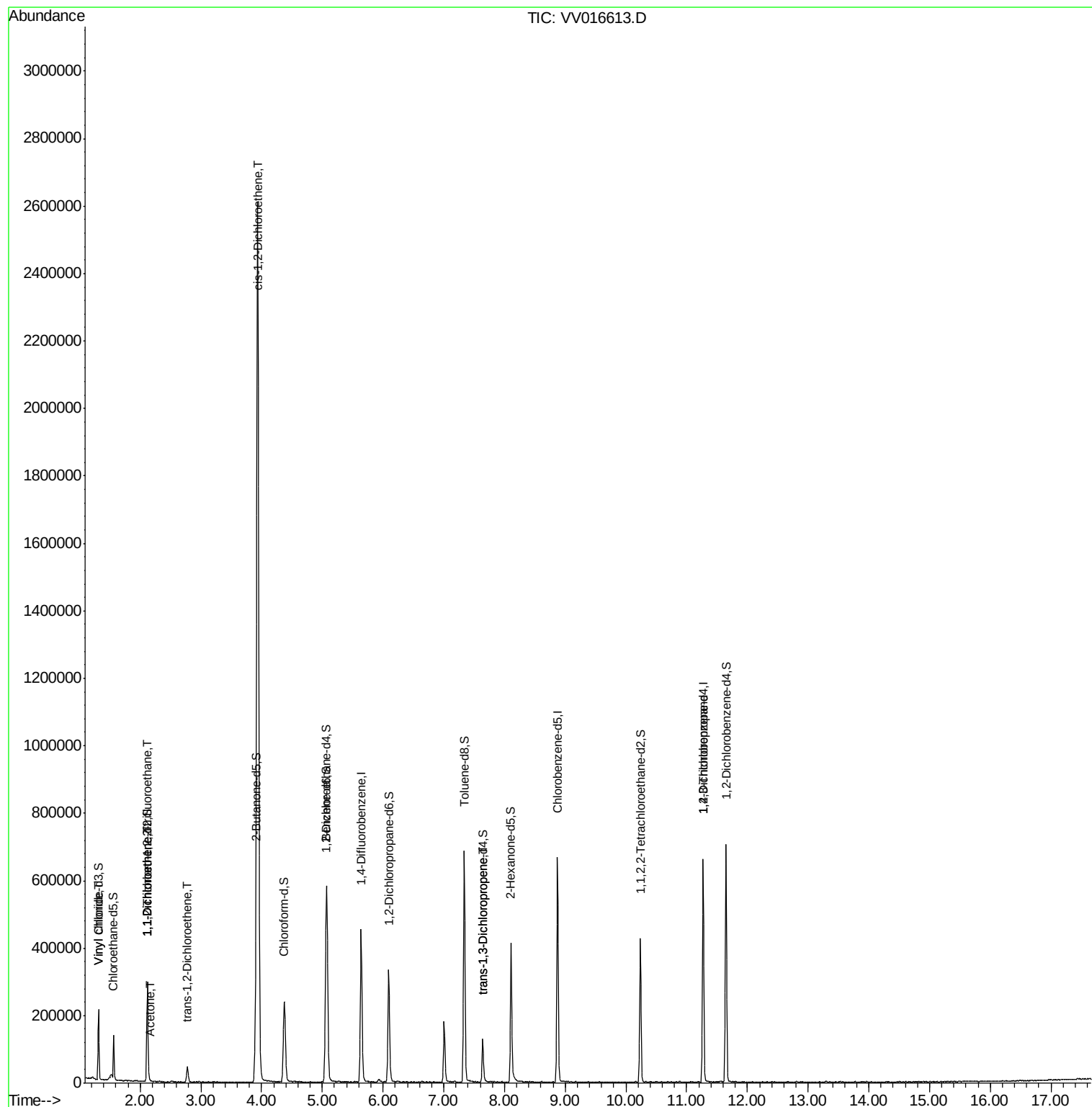
					Ovalue
5) Vinyl chloride	1.32	62	7070	2.480 ug/L #	69
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1618	0.756 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	2537	1.231 ug/L #	1
13) Acetone	2.18	43	1629	1.037 ug/L	84
17) trans-1,2-Dichloroethene	2.78	96	16082	6.186 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	1413819	503.936 ug/L	100
44) trans-1,3-Dichloropropene	7.64	75	3763	1.000 ug/L	88
59) 1,2,3-Trichloropropane	11.27	75	19496	5.941 ug/L	92

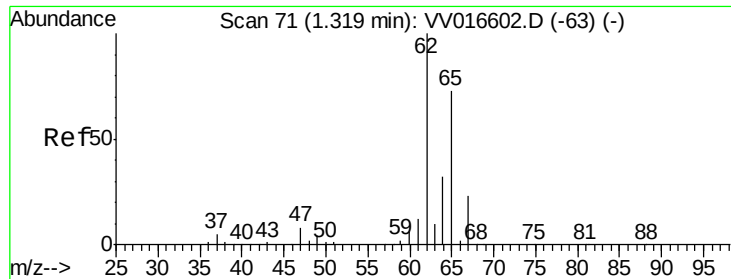
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 07 01:25:32 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.480 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016613.D

Acq: 07 Jun 2020 01:45

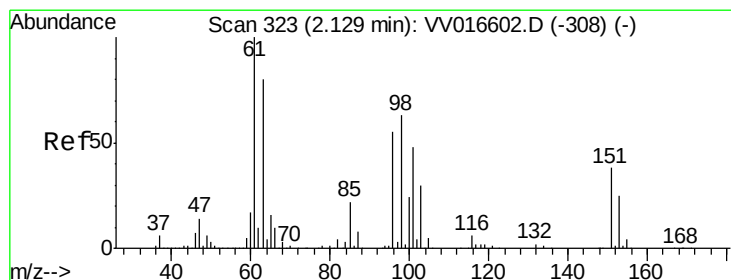
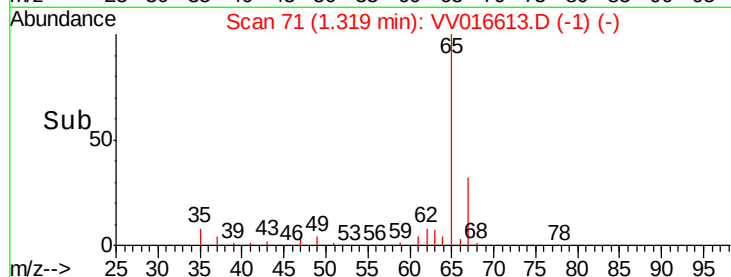
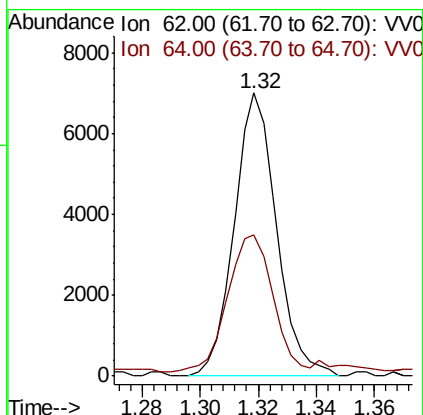
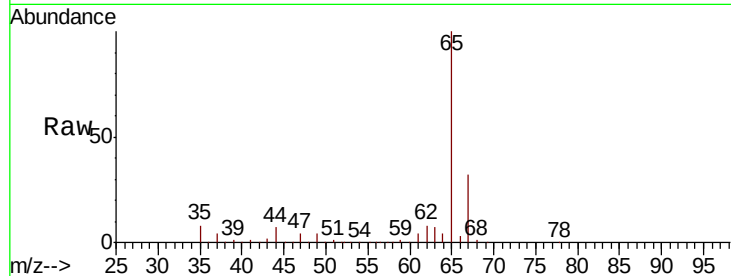
Instrument :
MSVOA_V
ClientSampleId :
ETTX9

Tot Ion: 62 Resp: 7070

Ion Ratio Lower Upper

62 100

64 49.8 22.7 42.1#



#10

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

Concen: 0.756 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016613.D

Acq: 07 Jun 2020 01:45

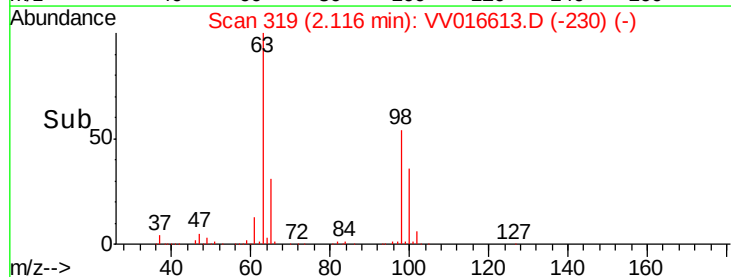
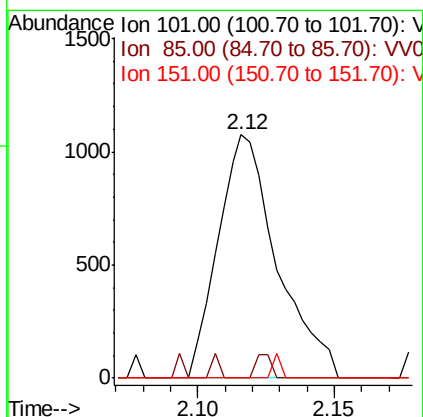
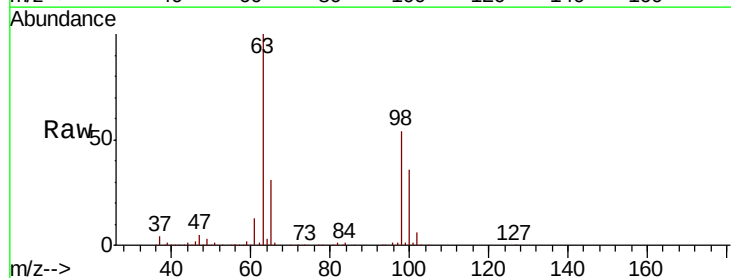
Tgt Ion: 101 Resp: 1618

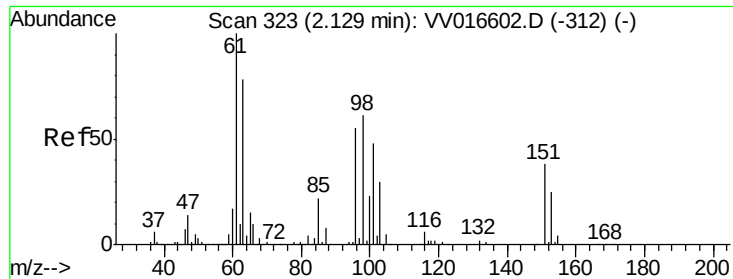
Ion Ratio Lower Upper

101 100

85 2.5 35.6 53.4#

151 0.0 61.8 92.8#

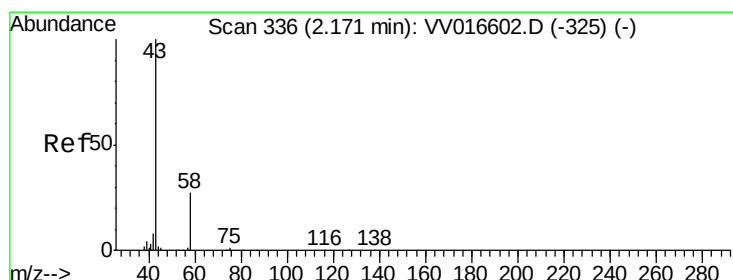
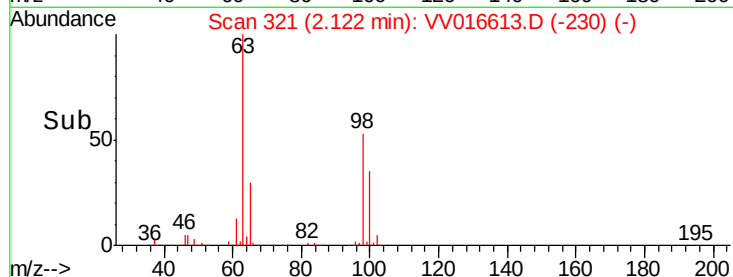
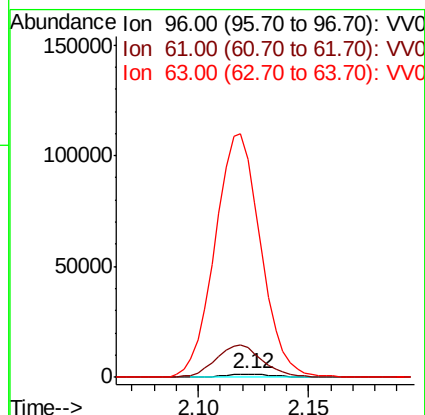
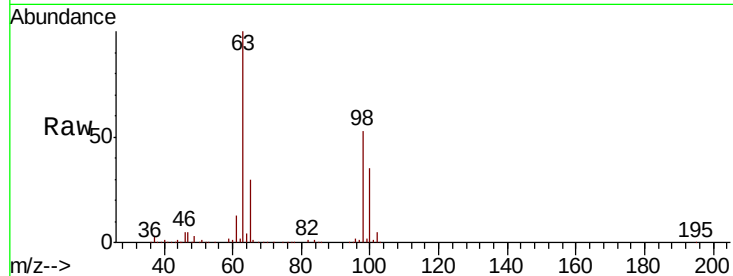




#12
 1,1-Dichloroethene
 Concen: 1.231 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV016613.D
 Acq: 07 Jun 2020 01:45

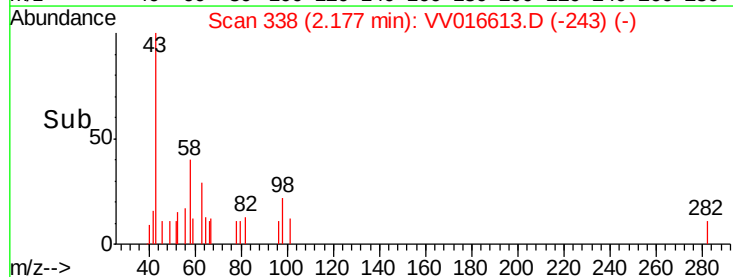
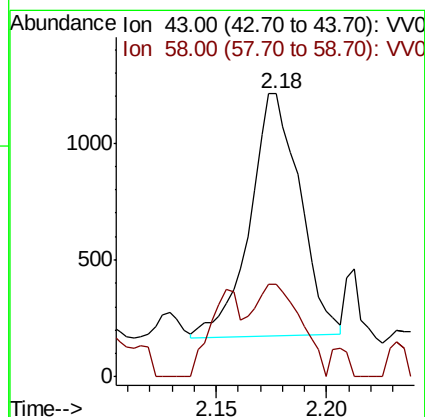
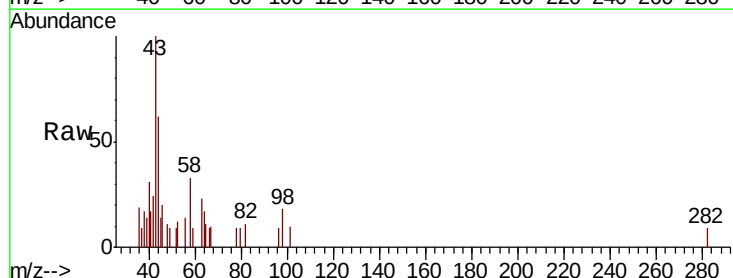
Instrument :
 MSVOA_V
 ClientSampled :
 ETTX9

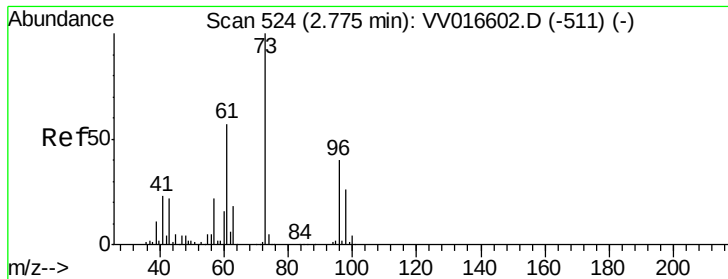
Tot Ion: 96 Resp: 2537
 Ion Ratio Lower Upper
 96 100
 61 864.1 125.5 233.1#
 63 6441.3 104.0 193.1#



#13
 Acetone
 Concen: 1.037 ug/L
 RT: 2.18 min Scan# 338
 Delta R.T. 0.01 min
 Lab File: VV016613.D
 Acq: 07 Jun 2020 01:45

Tgt Ion: 43 Resp: 1629
 Ion Ratio Lower Upper
 43 100
 58 37.2 0.0 57.2





#17

trans-1,2-Dichloroethene

Concen: 6.186 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016613.D

Acq: 07 Jun 2020 01:45

Instrument :

MSVOA_V

ClientSampleId :

ETTX9

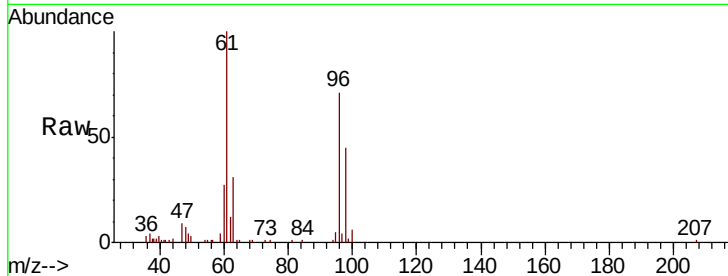
Tot Ion: 96 Resp: 16082

Ion Ratio Lower Upper

96 100

61 141.3 101.0 187.6

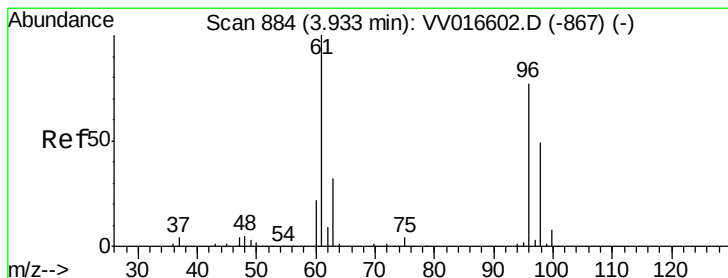
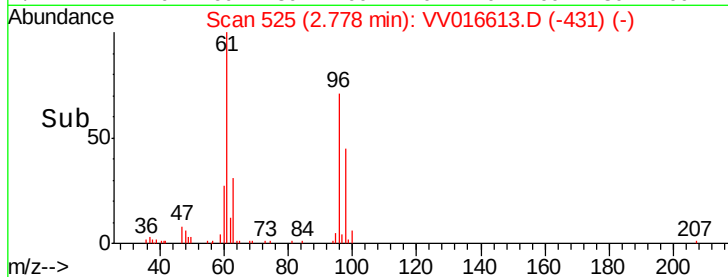
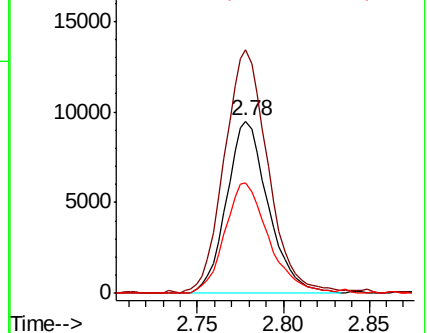
98 64.2 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 503.936 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV016613.D

Acq: 07 Jun 2020 01:45

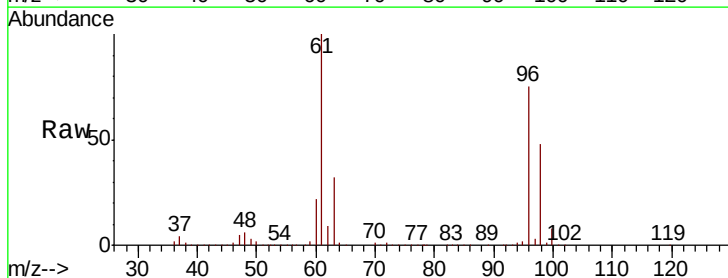
Tgt Ion: 96 Resp: 1413819

Ion Ratio Lower Upper

96 100

61 133.9 93.4 173.4

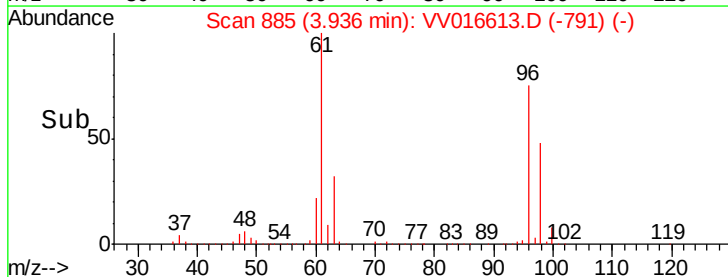
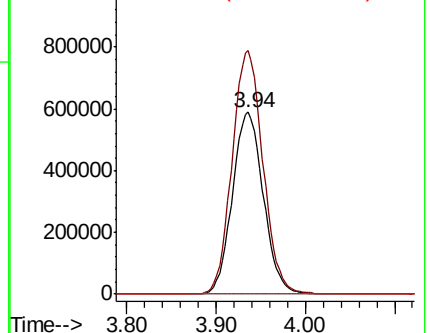
68 0.0 0.0 0.0

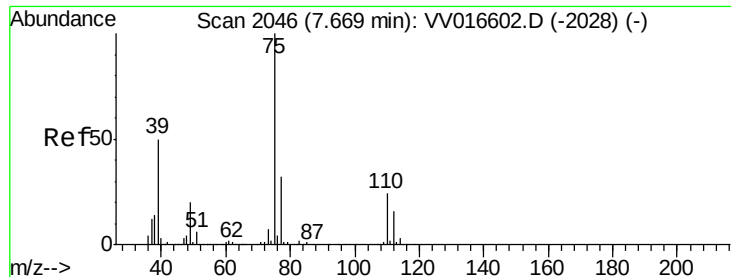


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016613.D

Acq: 07 Jun 2020 01:45

Instrument :

MSVOA_V

ClientSampleId :

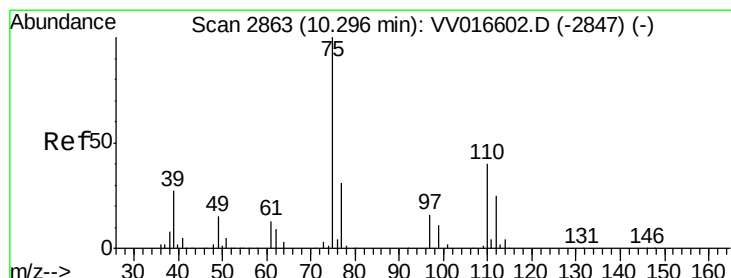
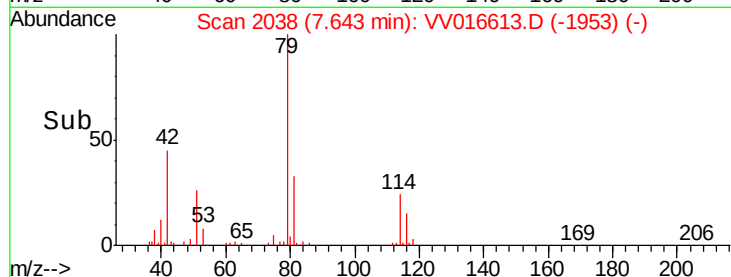
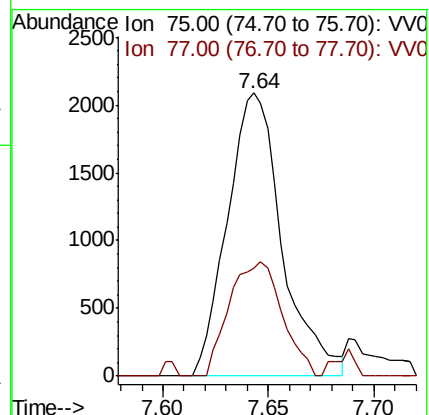
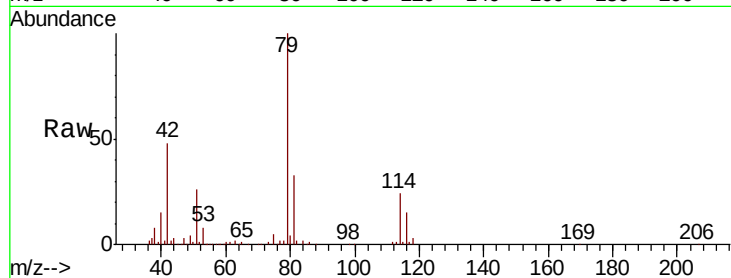
ETTX9

Tot Ion: 75 Resp: 3763

Ion Ratio Lower Upper

75 100

77 38.2 22.2 41.2



#59

1,2,3-Trichloropropane

Concen: 5.941 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016613.D

Acq: 07 Jun 2020 01:45

Tgt Ion: 75 Resp: 19496

Ion Ratio Lower Upper

75 100

77 38.1 26.6 40.0

