

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016604.D
 Acq On : 06 Jun 2020 22:12
 Operator : SY/MD
 Sample : L2875-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS0

Quant Time: Jun 07 01:36:05 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	379412	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	364711	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183242	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	154342	57.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.86%
7) Chloroethane-d5	1.56	69	88076	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.12	63	165118	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	3.90	46	217435	126.54	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.54%
24) Chloroform-d	4.37	84	247883	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
26) 1,2-Dichloroethane-d4	5.05	65	179060	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.04%
32) Benzene-d6	5.07	84	507291	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
36) 1,2-Dichloropropane-d6	6.09	67	161278	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.96%
41) Toluene-d8	7.34	98	460011	51.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.70%
43) trans-1,3-Dichloropropene-	7.64	79	76192	51.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.72%
47) 2-Hexanone-d5	8.11	63	163361	125.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	222245	53.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	192076	55.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.56%

Target Compounds

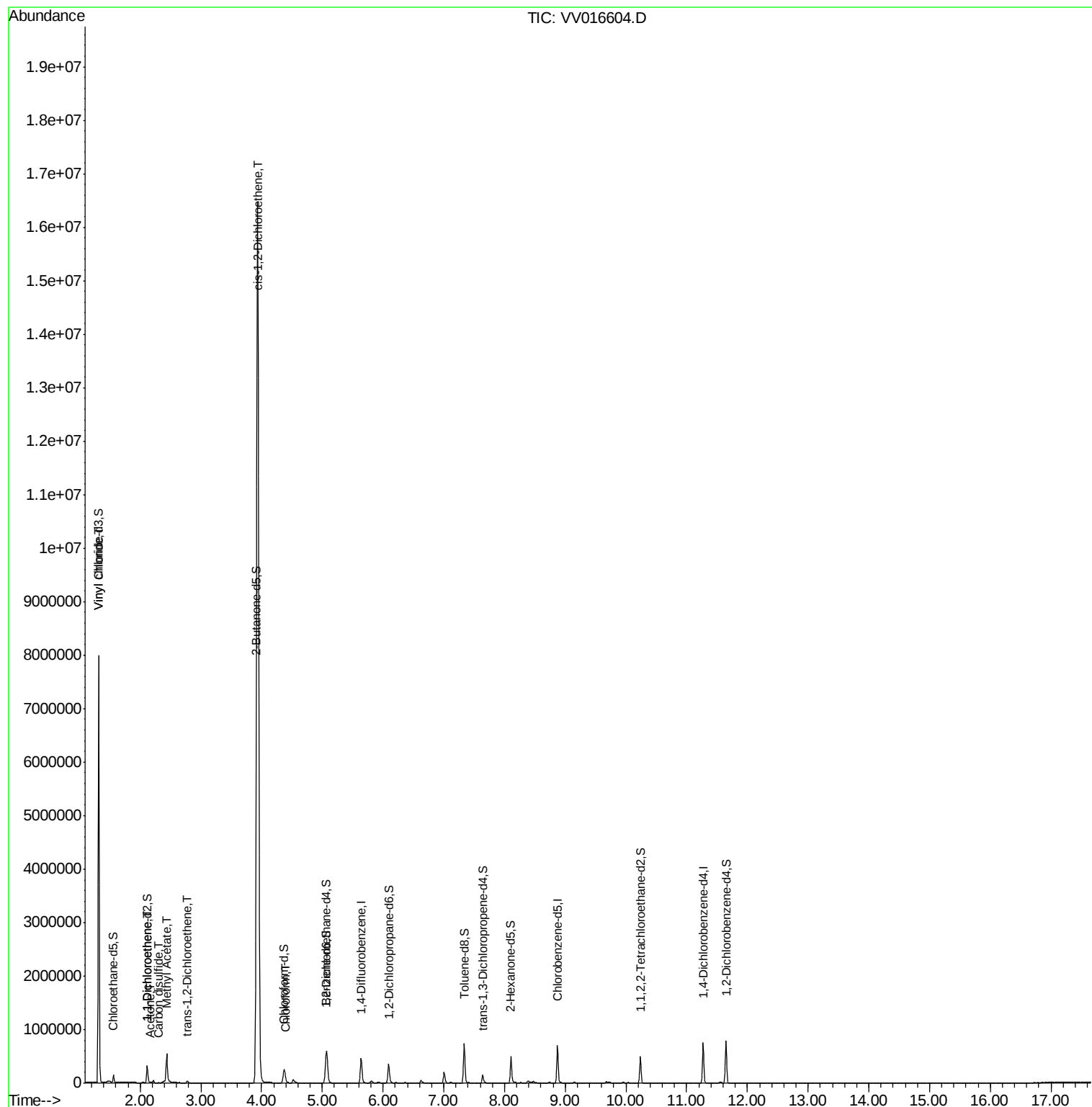
					Ovalue
5) Vinyl chloride	1.32	62	4658306	1598.457 ug/L	98
12) 1,1-Dichloroethene	2.13	96	4877	2.315 ug/L #	1
13) Acetone	2.17	43	11335	7.058 ug/L	95
14) Carbon disulfide	2.32	76	4583	0.628 ug/L	95
15) Methyl Acetate	2.44	43	555660	188.247 ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	13283	4.998 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	9102753	3173.572 ug/L	98
25) Chloroform	4.41	83	6674	1.295 ug/L	97

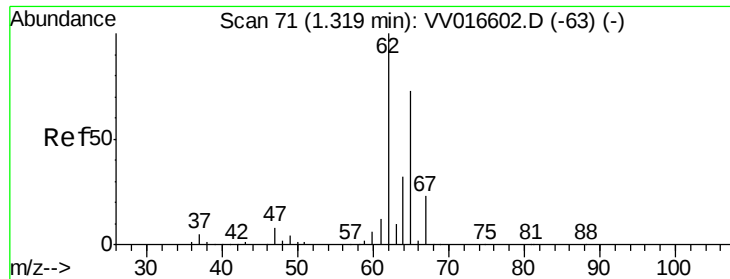
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Jun 07 01:25:32 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1598.457 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016604.D

Acq: 06 Jun 2020 22:12

Instrument :

MSVOA_V

ClientSampleId :

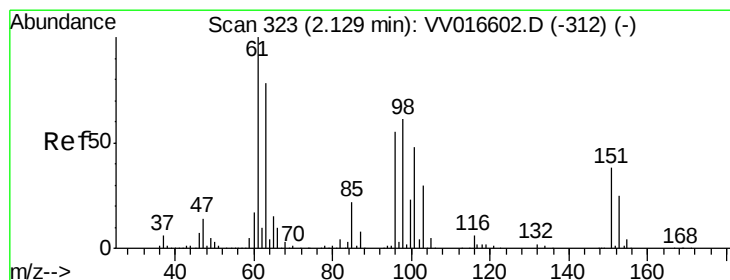
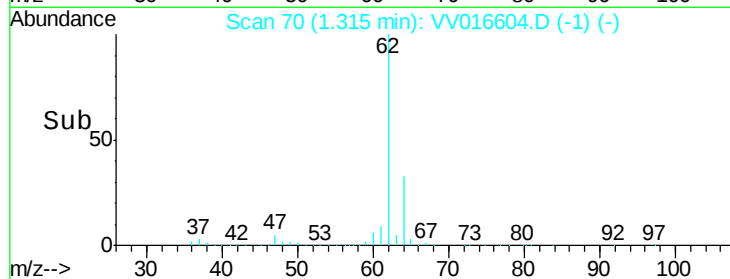
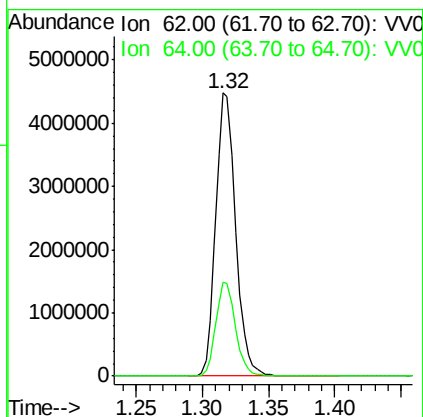
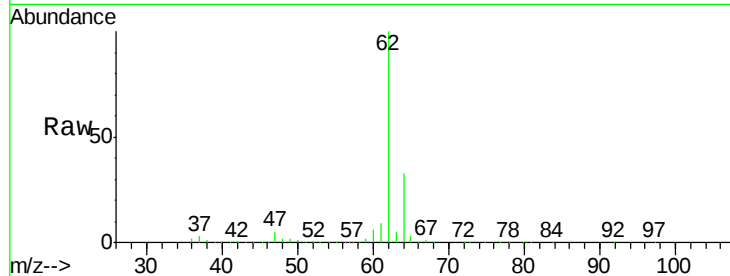
ETTS0

Tot Ion: 62 Resp: 4658306

Ion Ratio Lower Upper

62 100

64 33.3 22.7 42.1



#12

1,1-Dichloroethene

Concen: 2.315 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016604.D

Acq: 06 Jun 2020 22:12

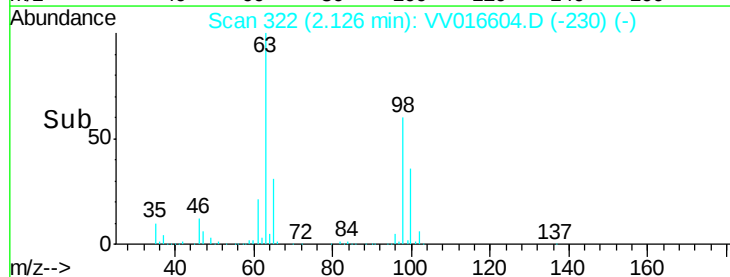
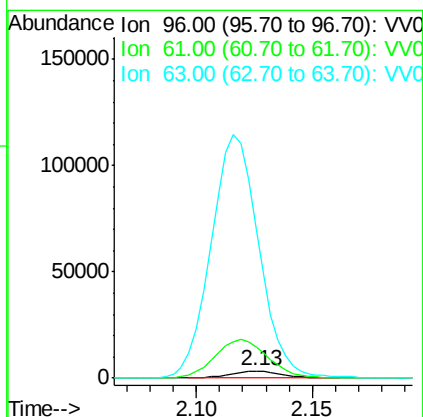
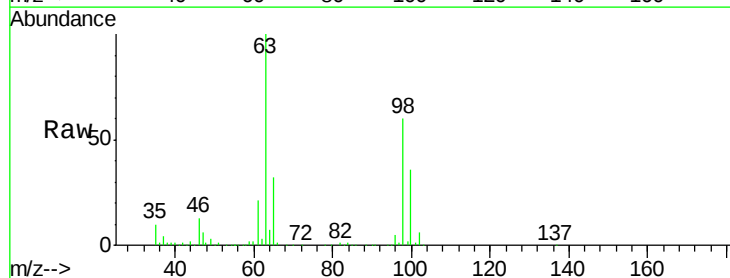
Tgt Ion: 96 Resp: 4877

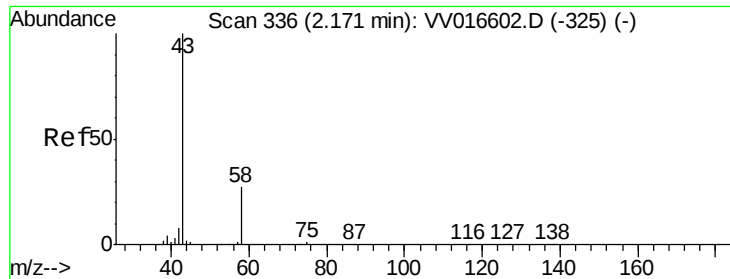
Ion Ratio Lower Upper

96 100

61 427.8 125.5 233.1#

63 2078.5 104.0 193.1#





#13

Acetone

Concen: 7.058 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016604.D

Acq: 06 Jun 2020 22:12

Instrument :

MSVOA_V

ClientSampleId :

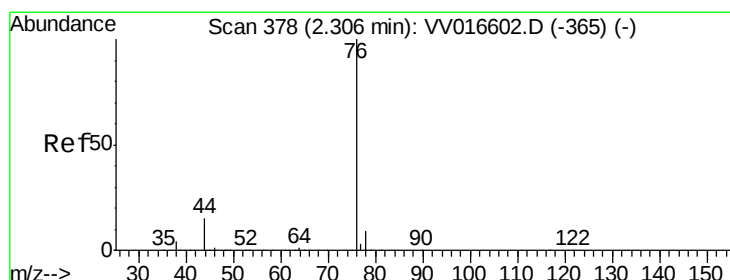
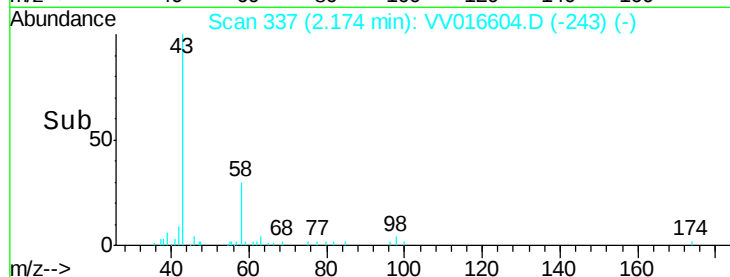
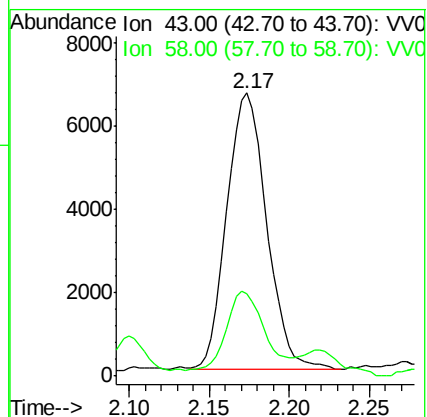
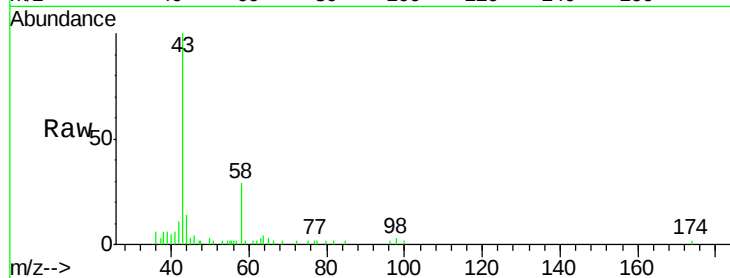
ETTS0

Tot Ion: 43 Resp: 11335

Ion Ratio Lower Upper

43 100

58 25.7 0.0 57.2



#14

Carbon disulfide

Concen: 0.628 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV016604.D

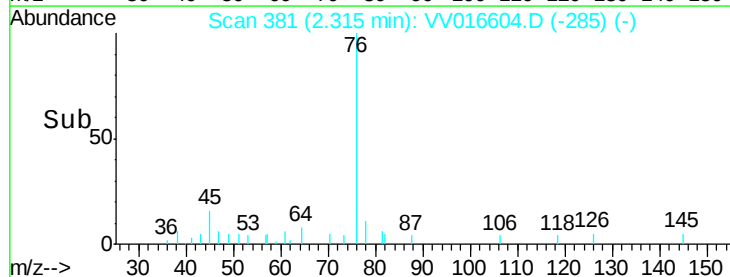
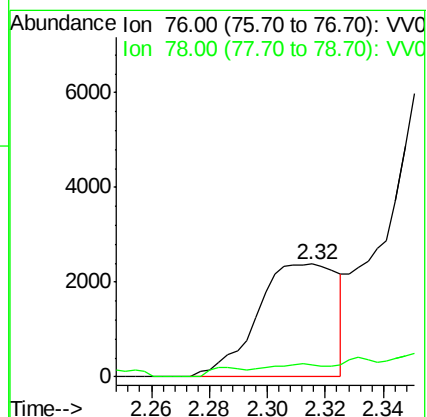
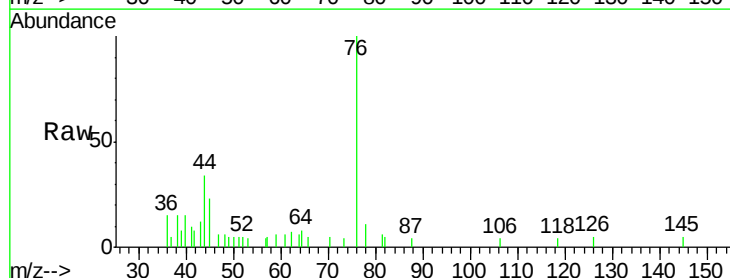
Acq: 06 Jun 2020 22:12

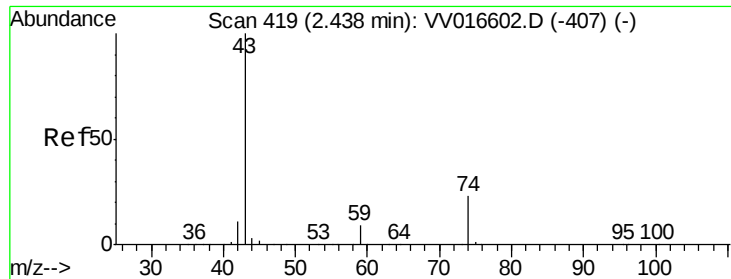
Tgt Ion: 76 Resp: 4583

Ion Ratio Lower Upper

76 100

78 11.2 7.6 11.4





#15

Methvl Acetate

Concen: 188.247 ug/L

RT: 2.44 min Scan# 419

Delta R.T. -0.00 min

Lab File: VV016604.D

Acq: 06 Jun 2020 22:12

Instrument :

MSVOA_V

ClientSampleId :

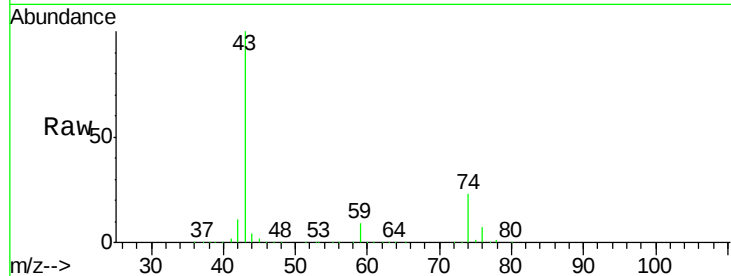
ETTS0

Tot Ion: 43 Resp: 555660

Ion Ratio Lower Upper

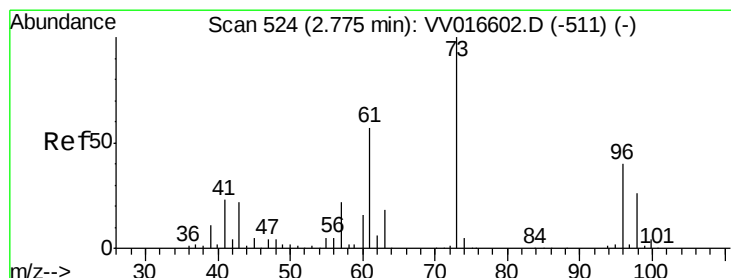
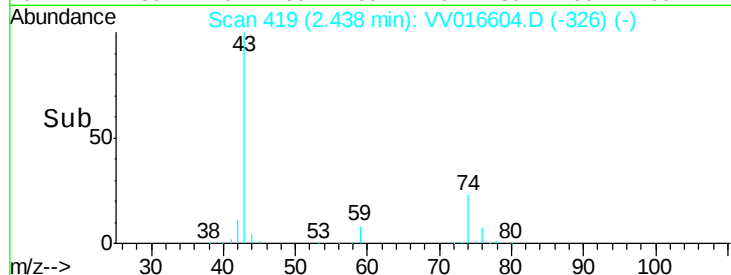
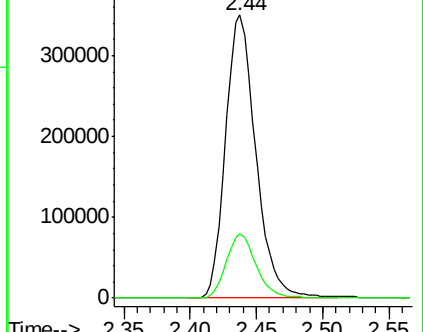
43 100

74 22.4 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 4.998 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV016604.D

Acq: 06 Jun 2020 22:12

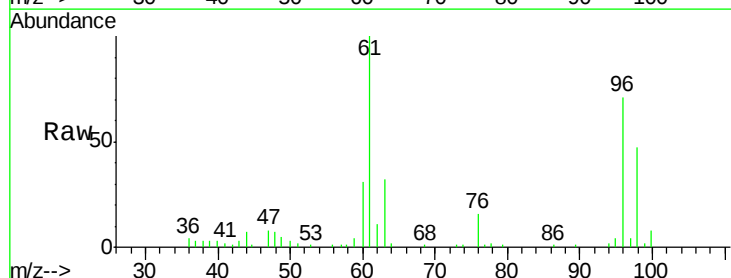
Tgt Ion: 96 Resp: 13283

Ion Ratio Lower Upper

96 100

61 141.7 101.0 187.6

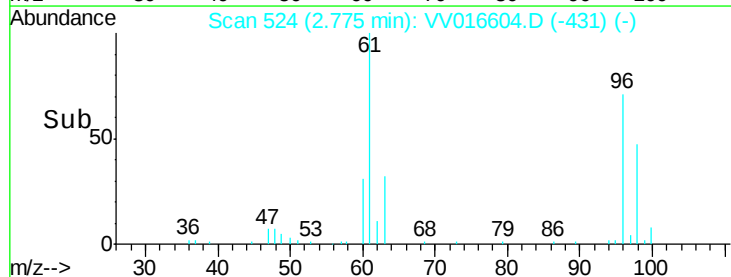
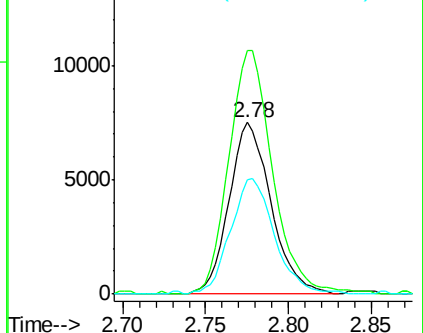
98 66.9 44.7 83.1

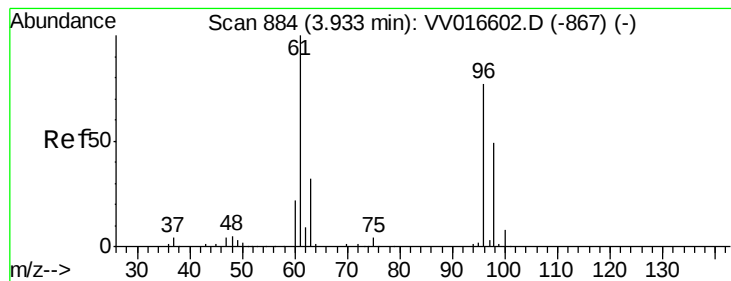


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



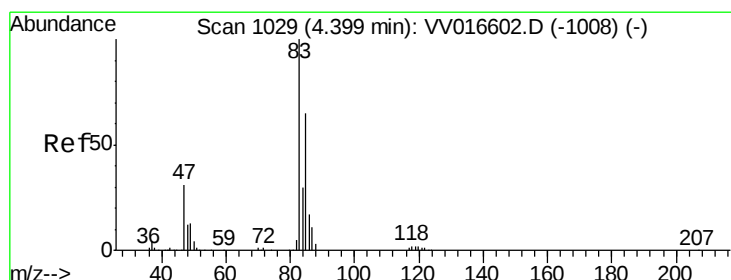
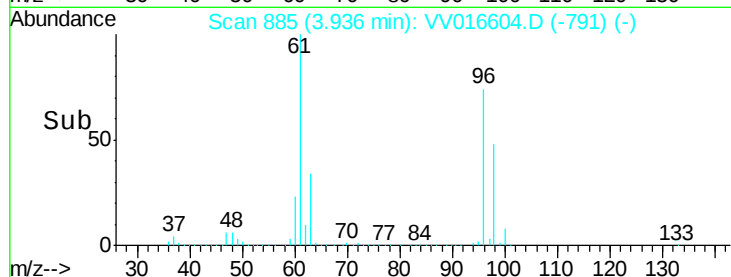
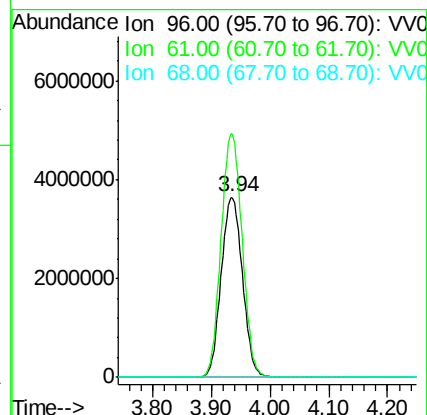
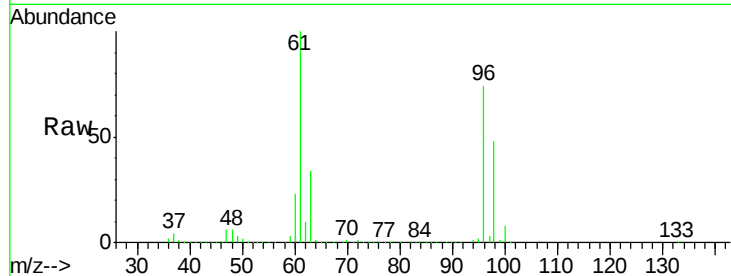


#20

cis-1,2-Dichloroethene
 Concen: 3173.572 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016604.D
 Acq: 06 Jun 2020 22:12

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS0

Tot Ion: 96 Resp: 9102753
 Ion Ratio Lower Upper
 96 100
 61 135.4 93.4 173.4
 68 0.0 0.0 0.0



#25

Chloroform
 Concen: 1.295 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV016604.D
 Acq: 06 Jun 2020 22:12

Tgt Ion: 83 Resp: 6674
 Ion Ratio Lower Upper
 83 100
 85 68.2 46.1 85.7

