

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 01:27:08 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

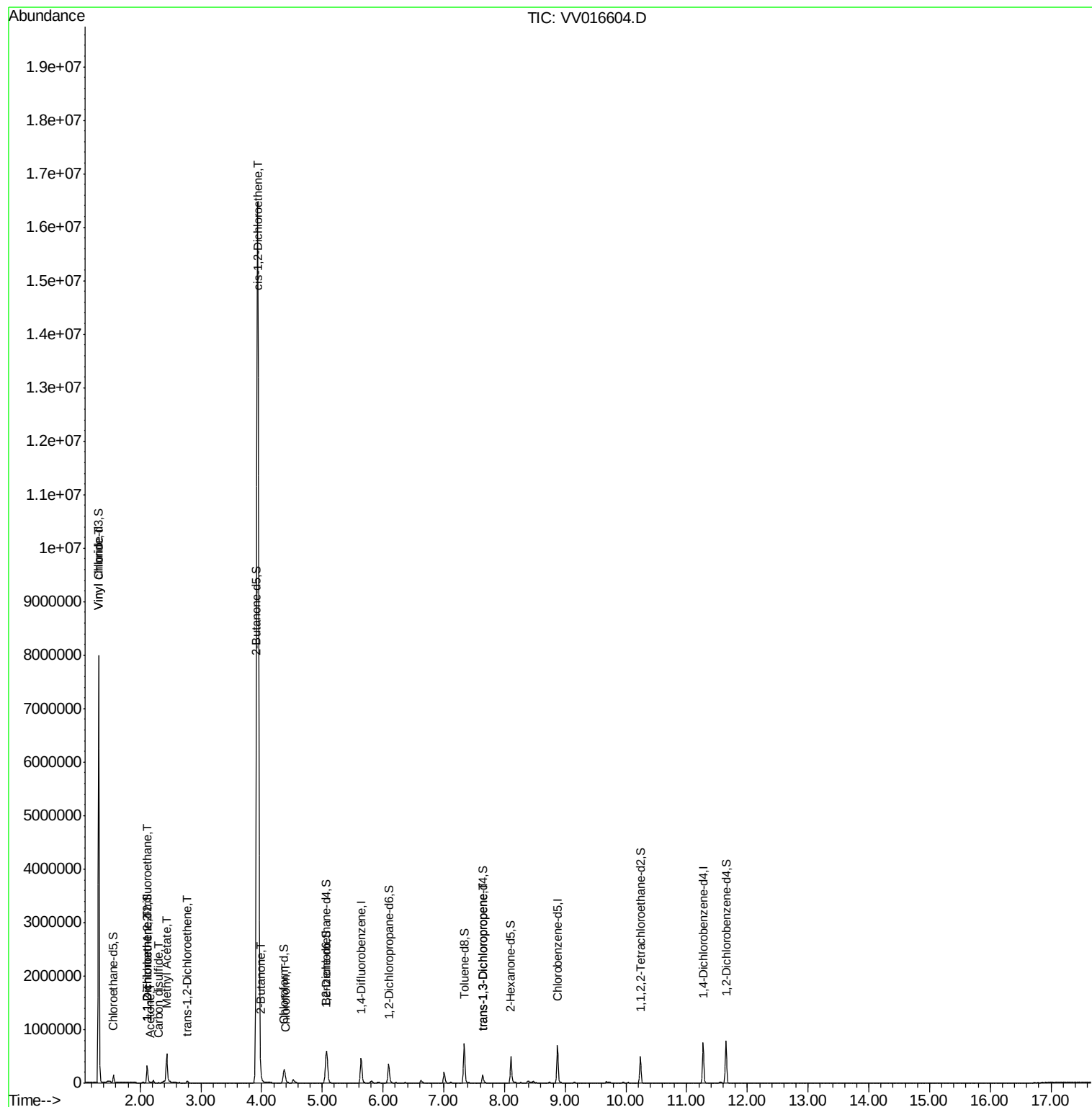
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4658306	1598.457	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1710	0.781	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	4877	2.315	ug/L #	1
13) Acetone	2.17	43	11335	7.058	ug/L	95
14) Carbon disulfide	2.32	76	4583	0.628	ug/L	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
22) 2-Butanone	3.99	43	28038	14.069	ug/L #	50
25) Chloroform	4.41	83	6674	1.295	ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	4030	1.008	ug/L #	78

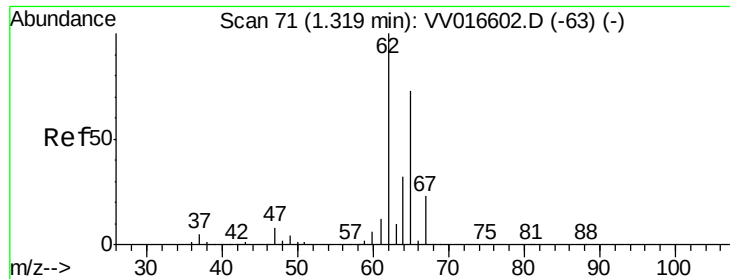
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

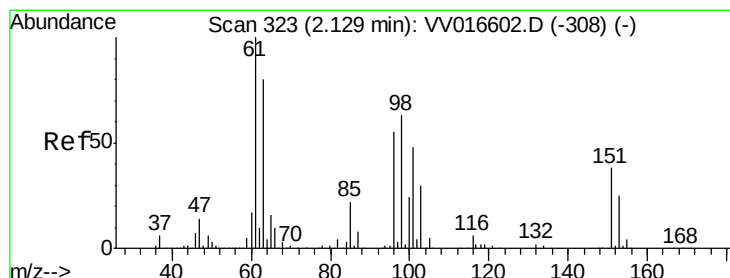
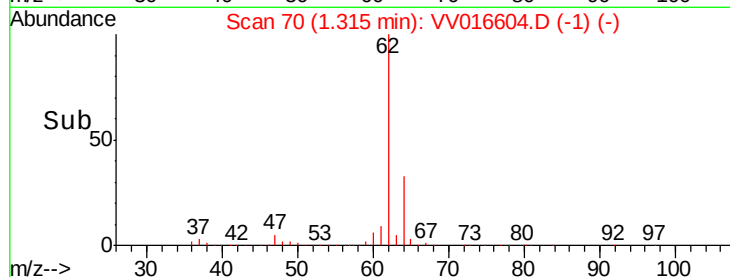
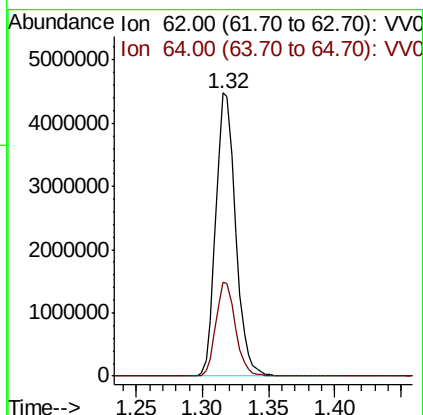
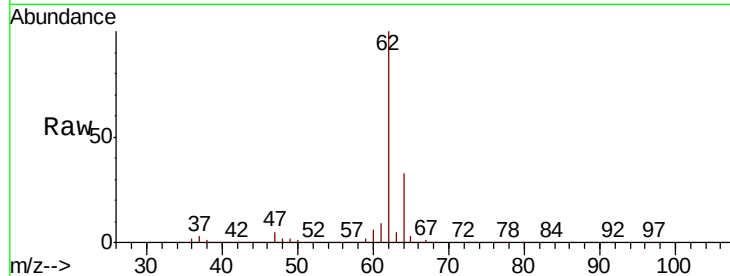
Instrument :
MSVOA_V
ClientSampleId :
ETTS0

Tot Ion: 62 Resp: 4658306

Ion Ratio Lower Upper

62 100

64 33.3 22.7 42.1



#10

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

Concen: 0.781 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016604.D

Acq: 06 Jun 2020 22:12

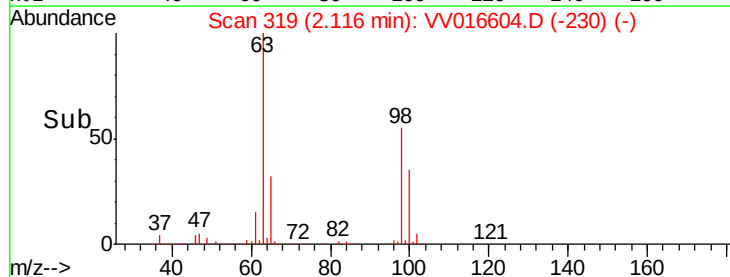
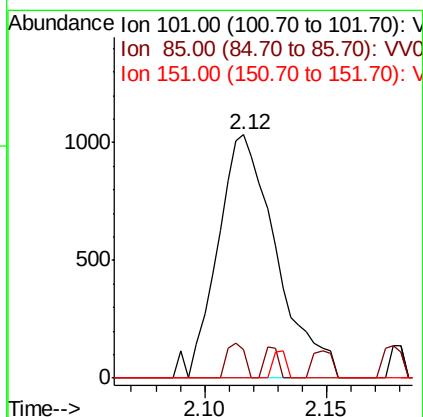
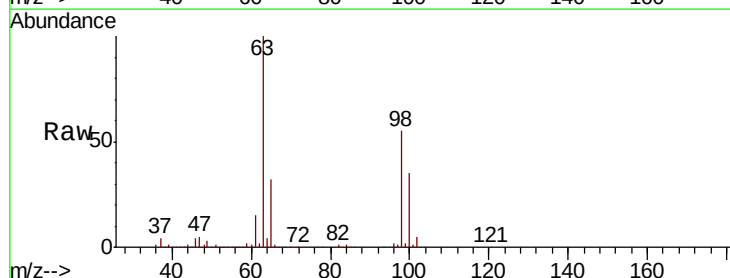
Tgt Ion: 101 Resp: 1710

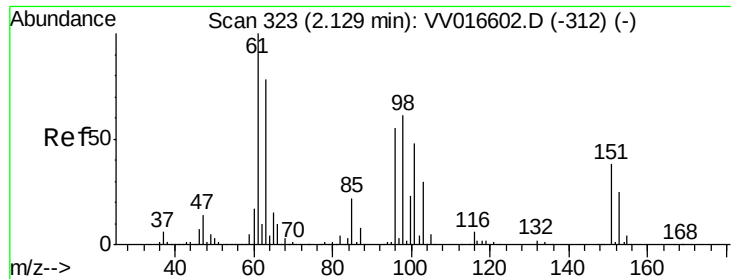
Ion Ratio Lower Upper

101 100

85 4.5 35.6 53.4#

151 0.0 61.8 92.8#

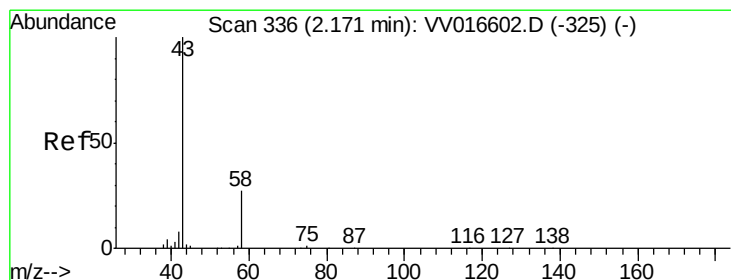
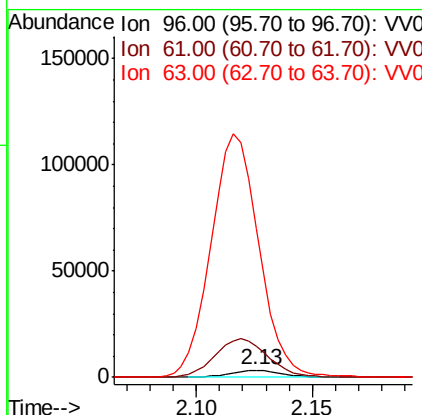
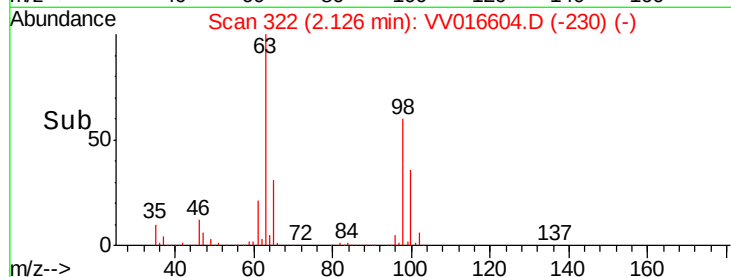
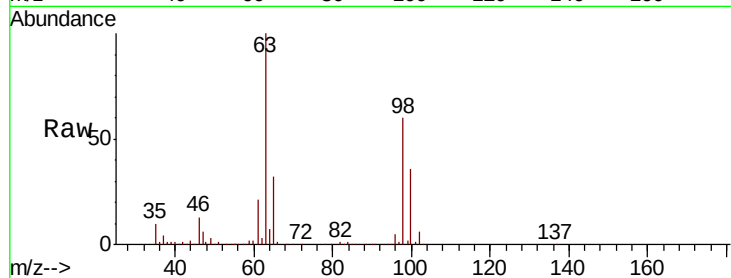




#12
 1,1-Dichloroethene
 Concen: 2.315 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV016604.D
 Acq: 06 Jun 2020 22:12

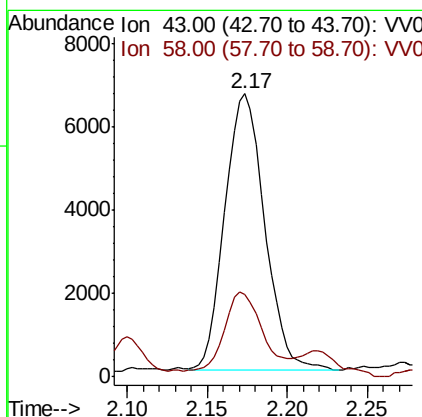
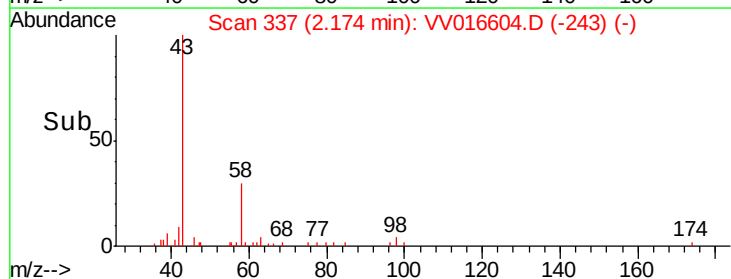
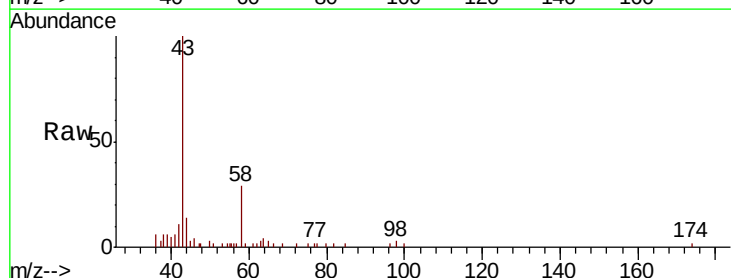
Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS0

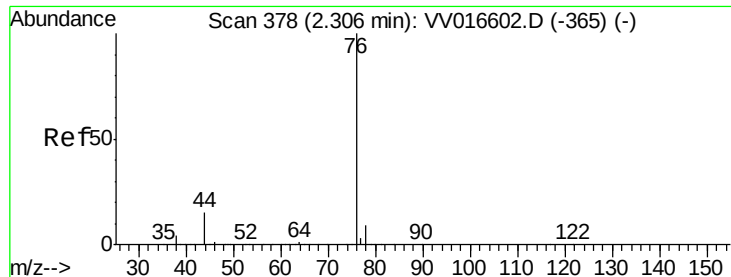
Tot Ion: 96 Resp: 4877
 Ion Ratio Lower Upper
 96 100
 61 427.8 125.5 233.1#
 63 2078.5 104.0 193.1#



#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

Tgt 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

Instrument :

MSVOA_V

ClientSampleId :

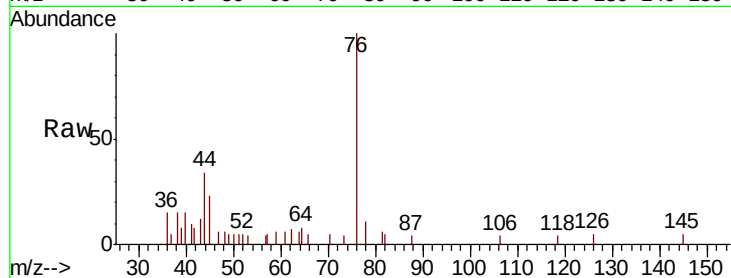
ETTS0

Tot Ion: 76 Resp: 4583

Ion Ratio Lower Upper

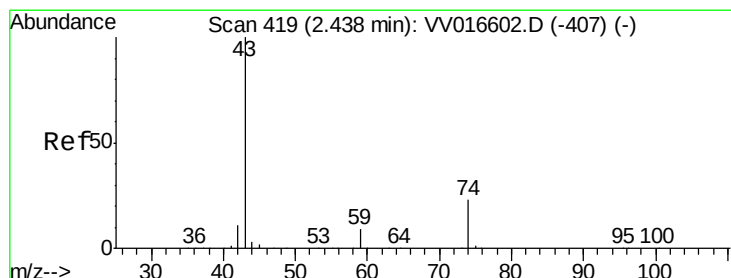
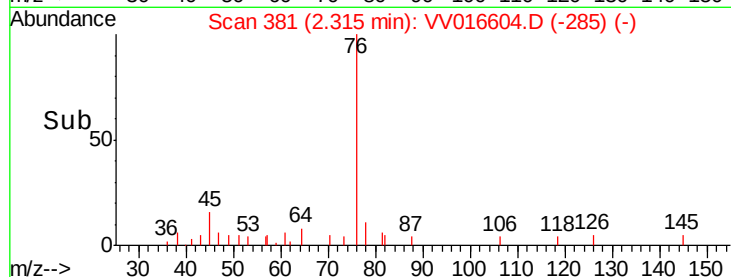
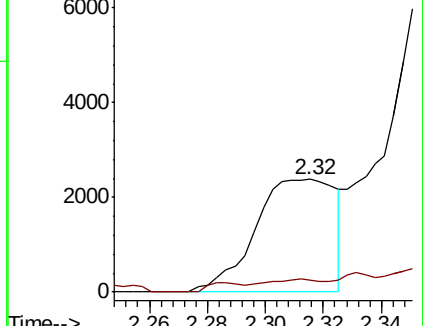
76 100

78 11.2 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VV016604.D (-285) (-)

Ion 78.00 (77.70 to 78.70): VV016604.D (-285) (-)



#15

Methyl Acetate

Concen: 188.247 ug/L

RT: 2.44 min Scan# 419

Delta R.T. -0.00 min

Lab File: VV016604.D

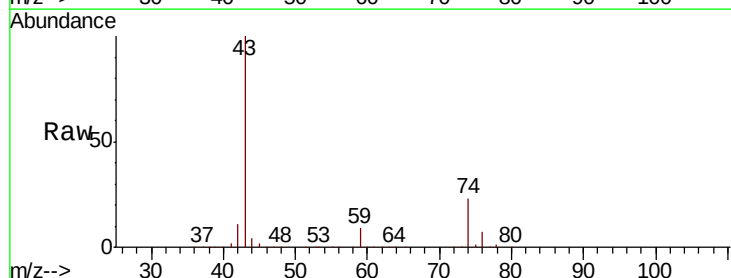
Acq: 06 Jun 2020 22:12

Tgt Ion: 43 Resp: 555660

Ion Ratio Lower Upper

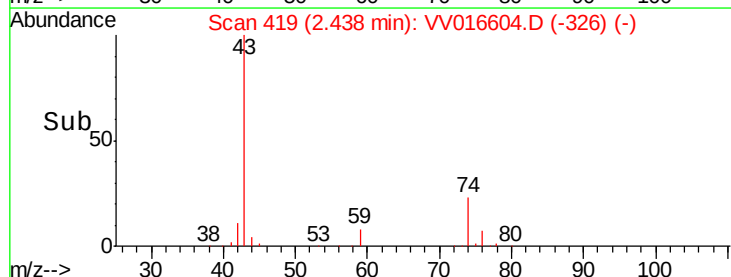
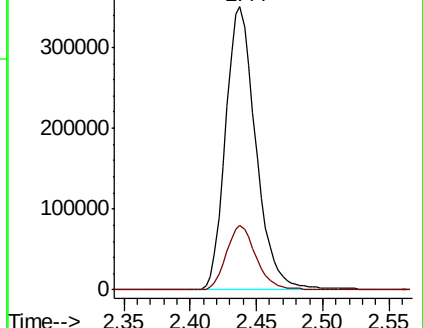
43 100

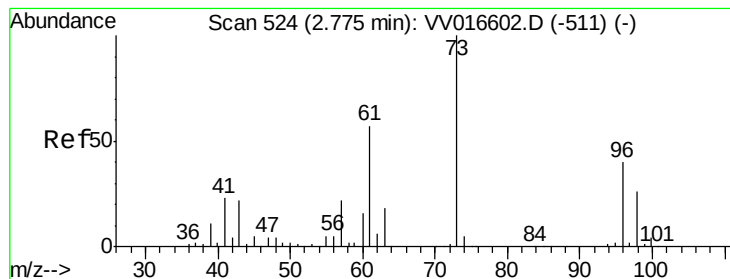
74 22.4 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VV016604.D (-326) (-)

Ion 74.00 (73.70 to 74.70): VV016604.D (-326) (-)





#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

Instrument :

MSVOA_V

ClientSampleId :

ETTS0

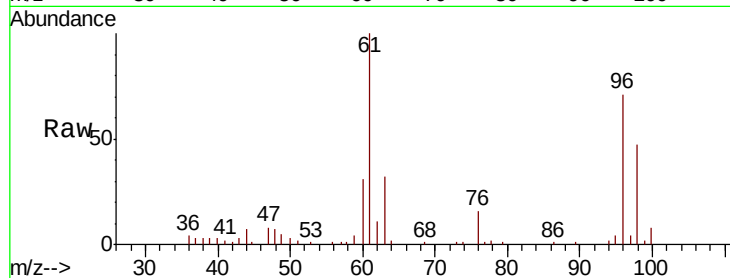
Tot Ion: 96 Resp: 13283

Ion Ratio Lower Upper

96 100

61 141.7 101.0 187.6

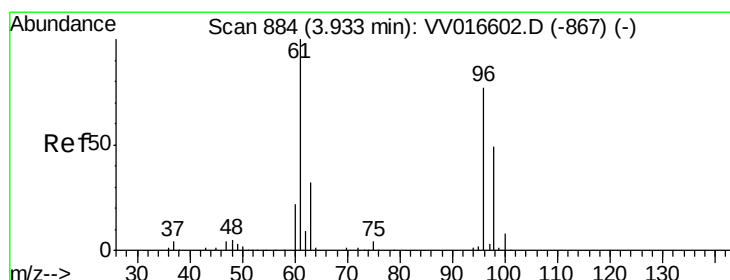
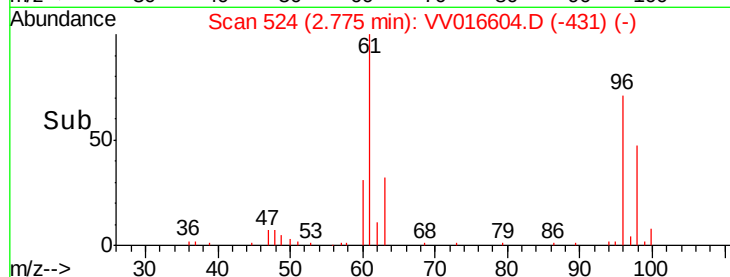
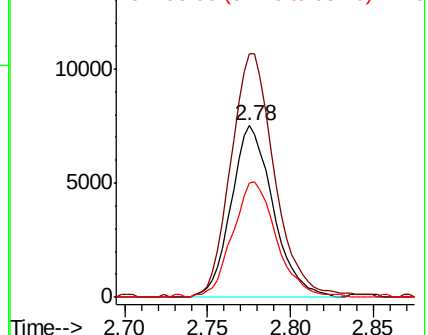
98 66.9 44.7 83.1



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

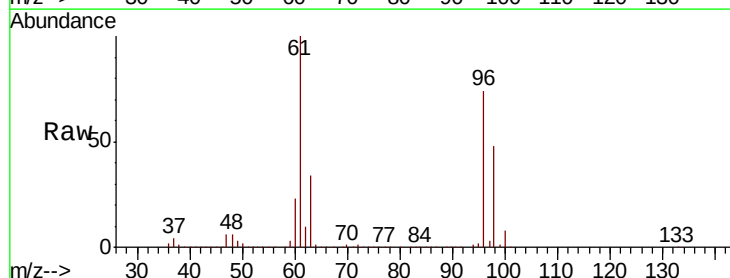
Tgt Ion: 96 Resp: 9102753

Ion Ratio Lower Upper

96 100

61 135.4 93.4 173.4

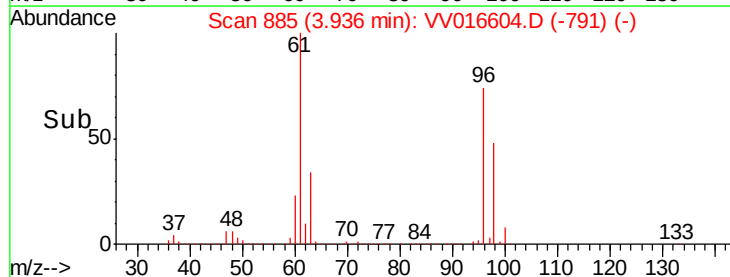
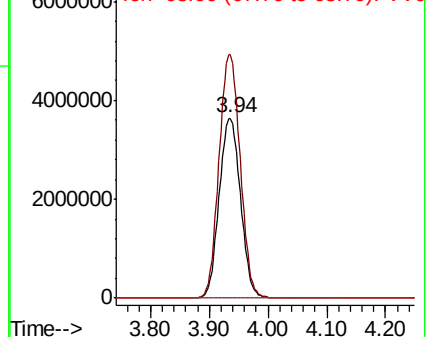
68 0.0 0.0 0.0

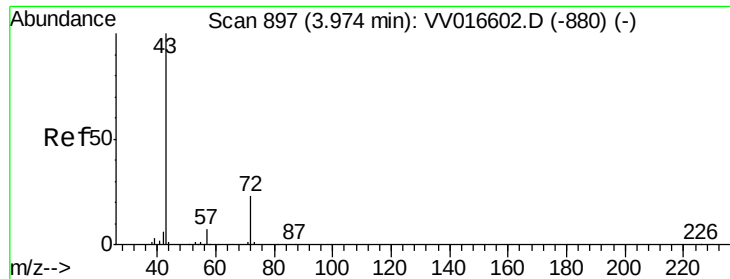


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 14.069 ug/L

RT: 3.99 min Scan# 902

Delta R.T. 0.02 min

Lab File: VV016604.D

Acq: 06 Jun 2020 22:12

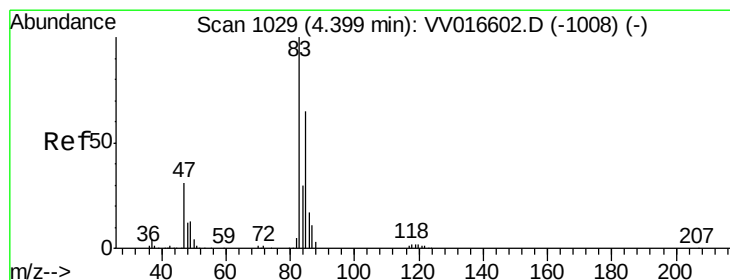
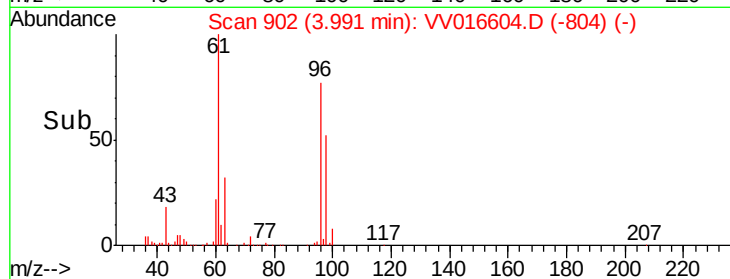
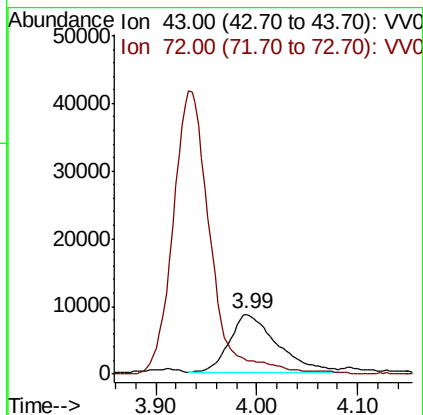
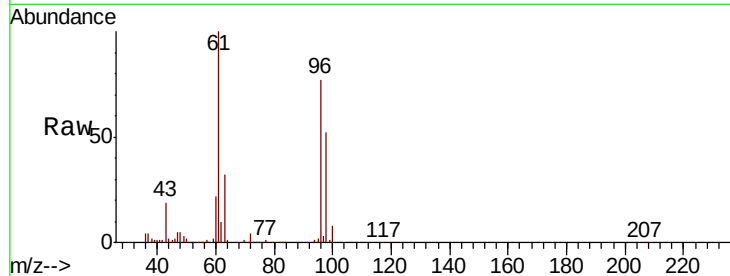
Instrument :
MSVOA_V
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ETTS0

Tot Ion: 43 Resp: 28038

Ion Ratio Lower Upper

43 100

72 0.0 12.8 38.3#



#25

Chloroform

Concen: 1.295 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV016604.D

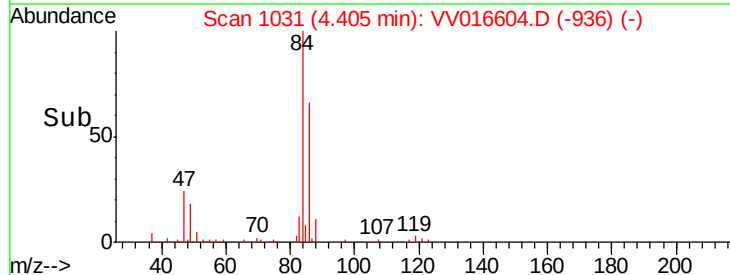
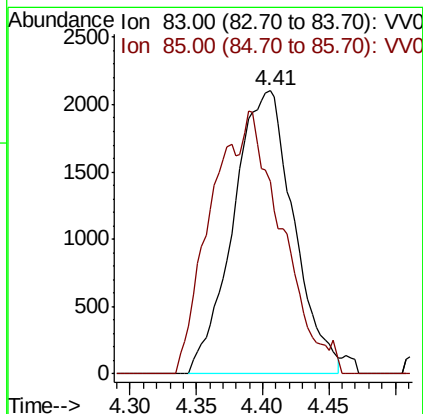
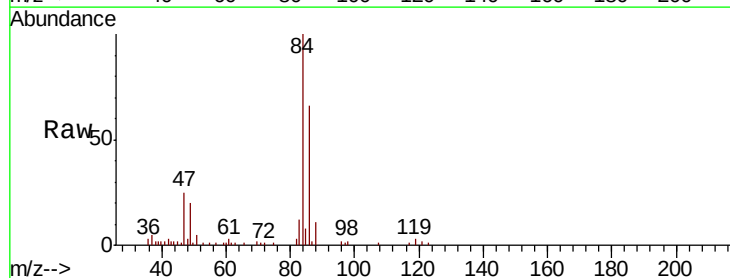
Acq: 06 Jun 2020 22:12

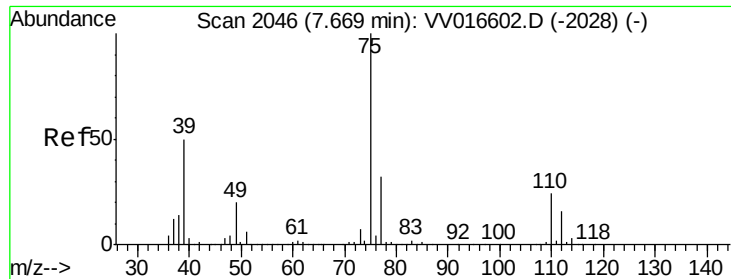
Tgt Ion: 83 Resp: 6674

Ion Ratio Lower Upper

83 100

85 68.2 46.1 85.7





#44

trans-1,3-Dichloropropene

Concen: 1.008 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016604.D

Acq: 06 Jun 2020 22:12

Instrument :

MSVOA_V

ClientSampleId :

ETTS0

Tot Ion: 75 Resp: 4030

Ion Ratio Lower Upper

75 100

77 43.6 22.2 41.2#

