

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016682.D
 Acq On : 09 Jun 2020 00:32
 Operator : SY/MD
 Sample : L2875-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS2

Quant Time: Jun 09 03:34:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	322307	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	305752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141701	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	100614	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.48%
7) Chloroethane-d5	1.56	69	71642	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.12	63	137938	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	3.90	46	176488	104.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.85%
24) Chloroform-d	4.37	84	220988	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
26) 1,2-Dichloroethane-d4	5.05	65	158010	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
32) Benzene-d6	5.07	84	437413	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
36) 1,2-Dichloropropane-d6	6.09	67	138971	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.16%
41) Toluene-d8	7.34	98	389905	48.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.42%
43) trans-1,3-Dichloropropene-	7.64	79	62726	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
47) 2-Hexanone-d5	8.11	63	117545	98.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181489	49.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	162174	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%

Target Compounds

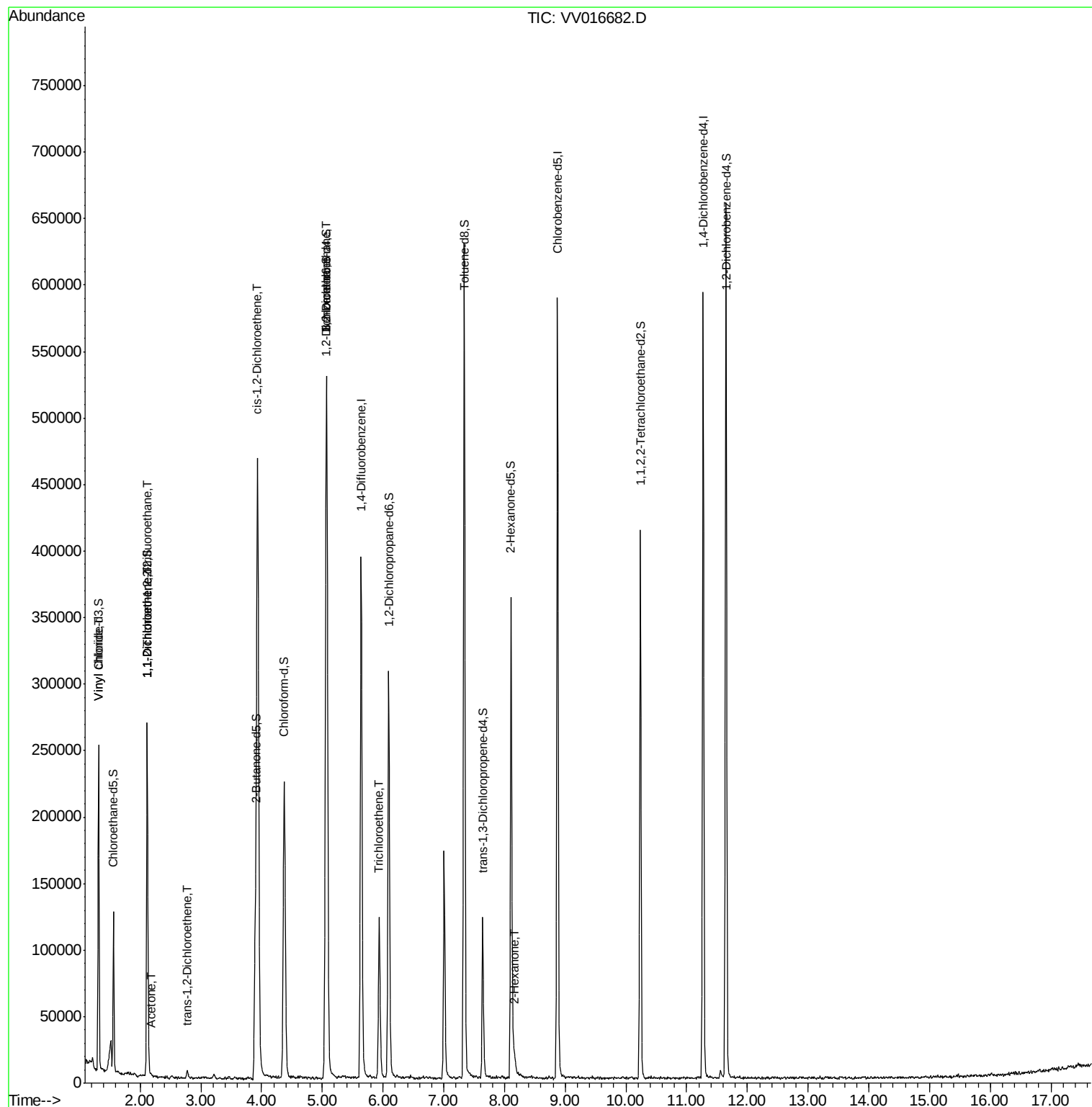
					Ovalue
5) Vinyl chloride	1.32	62	55363	24.092 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1267	0.739 ug/L #	26
12) 1,1-Dichloroethene	2.13	96	3728	2.330 ug/L #	1
13) Acetone	2.18	43	1462	1.318 ug/L	73
17) trans-1,2-Dichloroethene	2.78	96	1994	0.914 ug/L	89
20) cis-1,2-Dichloroethene	3.93	96	246496	103.664 ug/L	99
27) 1,2-Dichloroethane	5.07	62	2885	0.816 ug/L	98
34) Trichloroethene	5.94	95	39177	16.148 ug/L	98
48) 2-Hexanone	8.17	43	6834	2.644 ug/L #	90

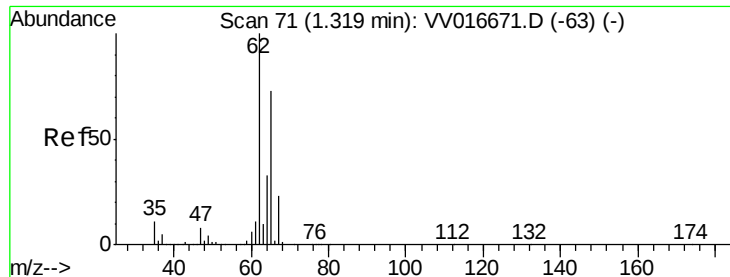
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 24.092 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016682.D

Acq: 09 Jun 2020 00:32

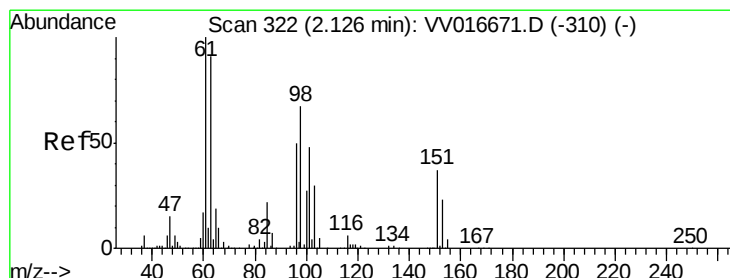
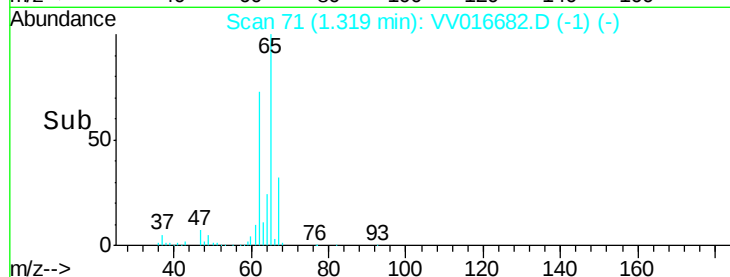
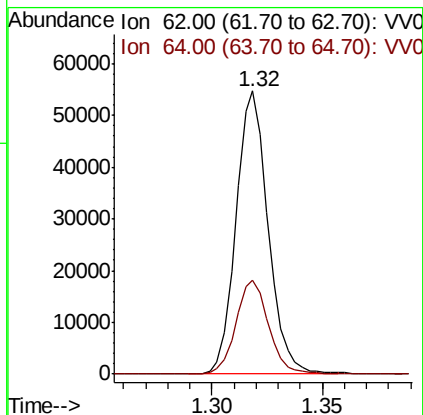
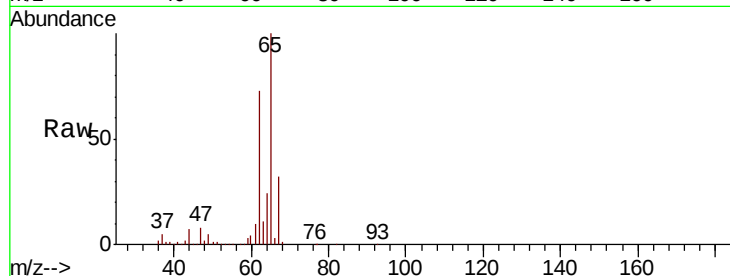
Instrument :
MSVOA_V
ClientSampled :
ETTS2

Tot Ion: 62 Resp: 55363

Ion Ratio Lower Upper

62 100

64 33.3 22.3 41.5



#10

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

Concen: 0.739 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016682.D

Acq: 09 Jun 2020 00:32

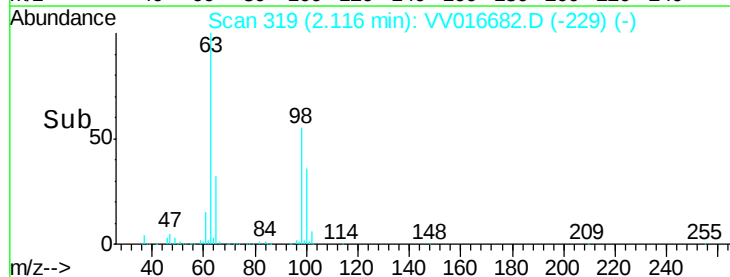
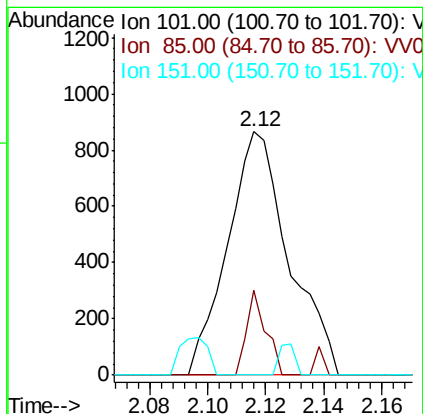
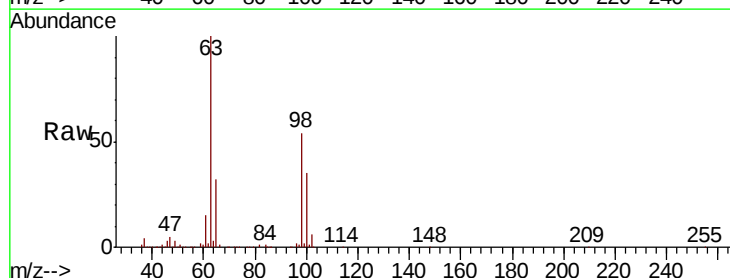
Tgt Ion: 101 Resp: 1267

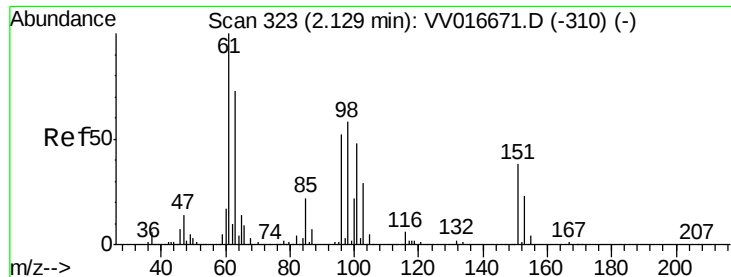
Ion Ratio Lower Upper

101 100

85 11.0 35.5 53.3#

151 3.3 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 2.330 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016682.D

Acq: 09 Jun 2020 00:32

Instrument :

MSVOA_V

ClientSampled :

ETTS2

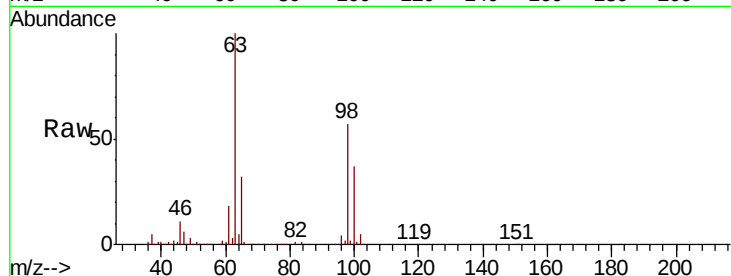
Tot Ion: 96 Resp: 3728

Ion Ratio Lower Upper

96 100

61 486.3 130.4 242.2#

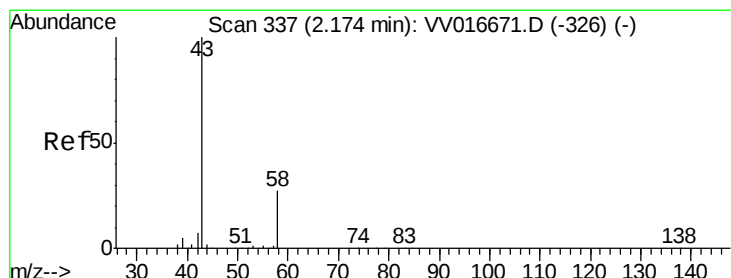
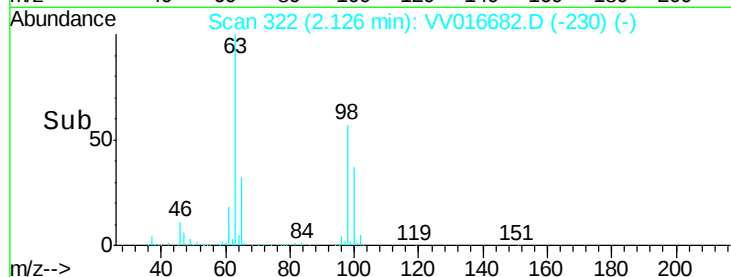
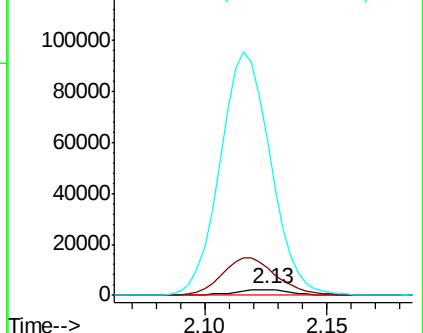
63 2747.3 103.3 191.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 1.318 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV016682.D

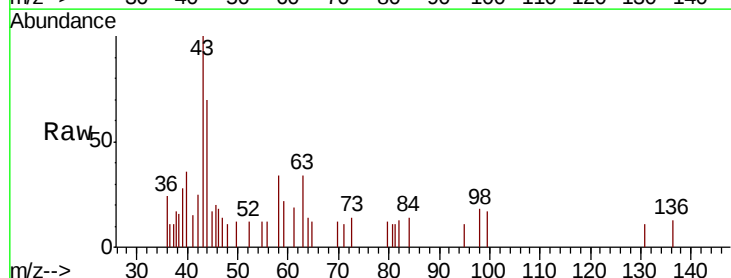
Acq: 09 Jun 2020 00:32

Tgt Ion: 43 Resp: 1462

Ion Ratio Lower Upper

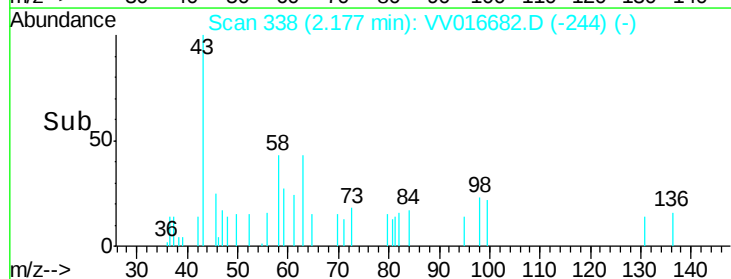
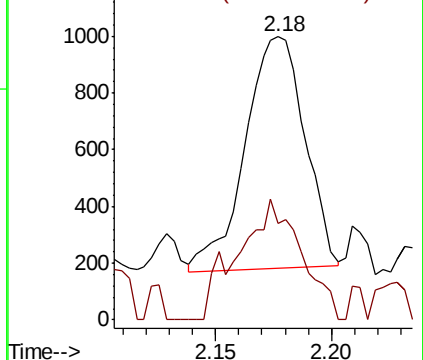
43 100

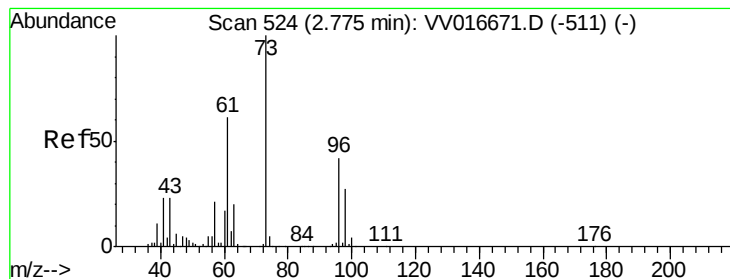
58 13.3 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 0.914 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016682.D

Acq: 09 Jun 2020 00:32

Instrument :

MSVOA_V

ClientSampleId :

ETTS2

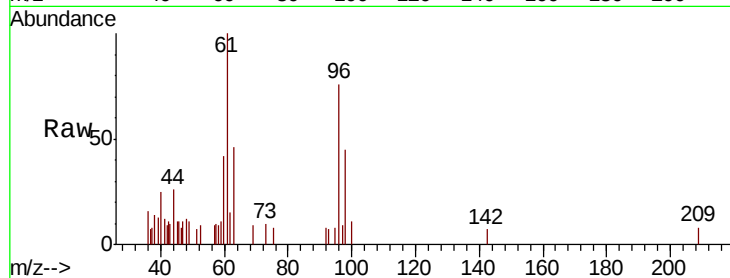
Tot Ion: 96 Resp: 1994

Ion Ratio Lower Upper

96 100

61 131.6 102.9 191.1

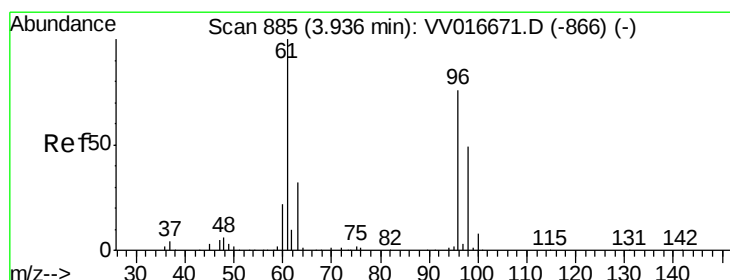
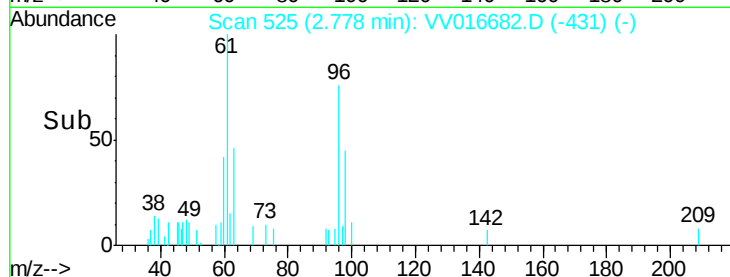
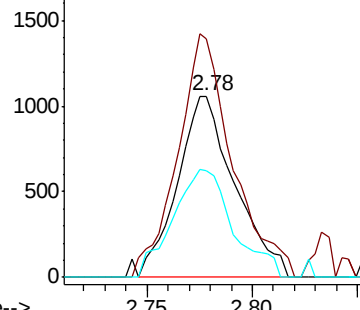
98 59.2 45.5 84.5



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: 103.664 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV016682.D

Acq: 09 Jun 2020 00:32

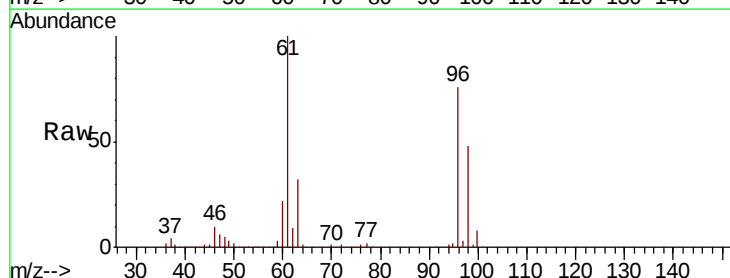
Tgt Ion: 96 Resp: 246496

Ion Ratio Lower Upper

96 100

61 132.1 93.4 173.4

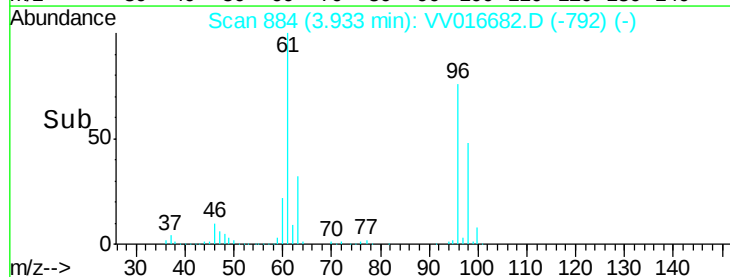
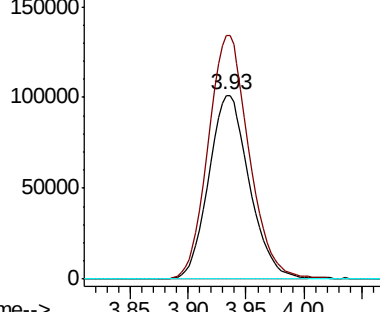
68 0.0 0.0 0.0

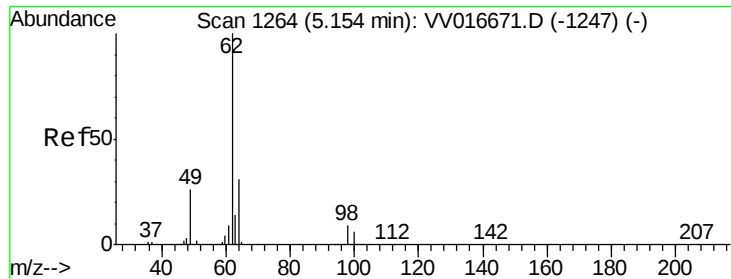


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

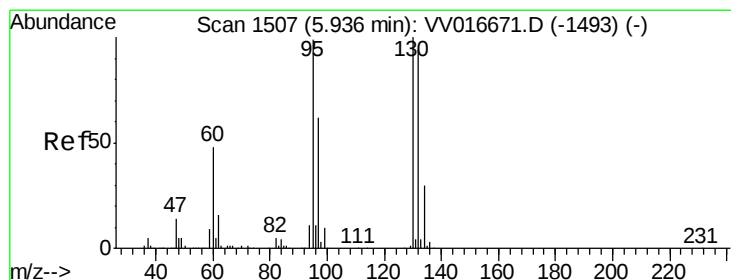
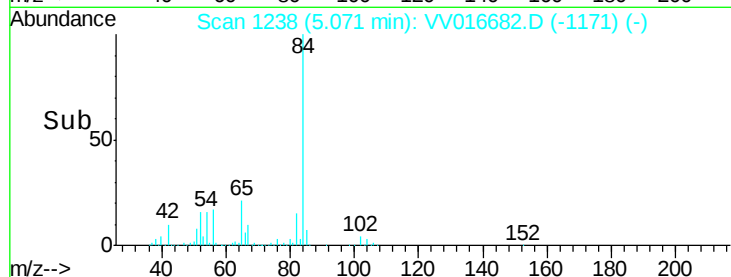
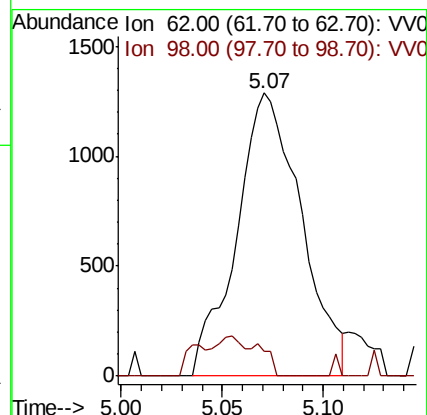
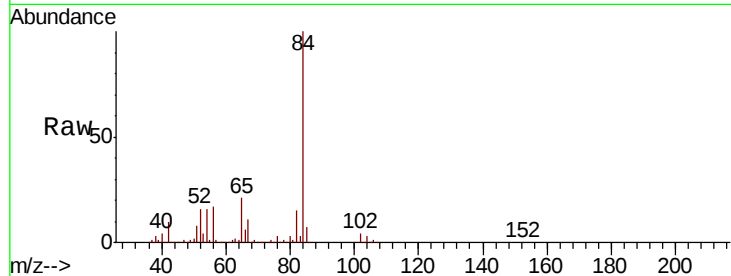




#27
 1,2-Dichloroethane
 Concen: 0.816 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016682.D
 Acq: 09 Jun 2020 00:32

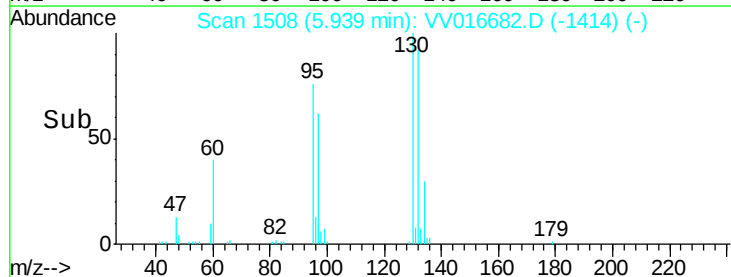
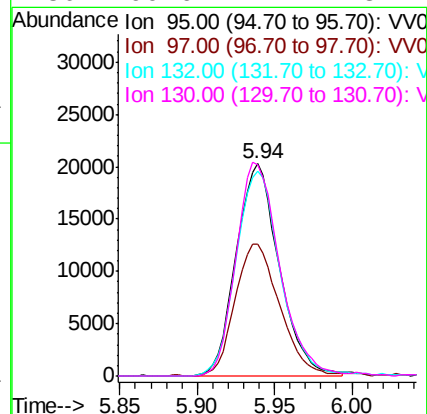
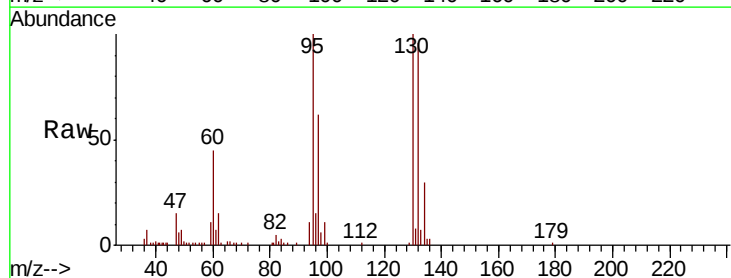
Instrument :
 MSVOA_V
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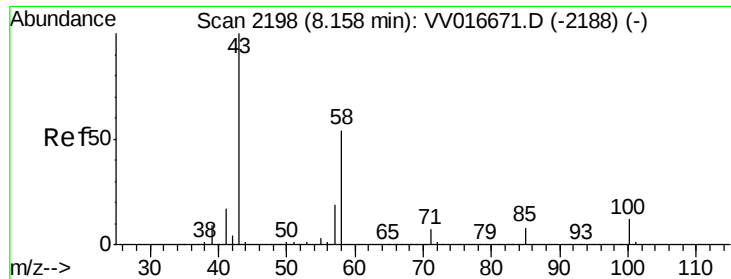
Tot Ion: 62 Resp: 2885
 Ion Ratio Lower Upper
 62 100
 98 8.6 7.4 11.2



#34
 Trichloroethene
 Concen: 16.148 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016682.D
 Acq: 09 Jun 2020 00:32

Tgt Ion: 95 Resp: 39177
 Ion Ratio Lower Upper
 95 100
 97 62.2 44.3 82.3
 132 96.3 67.9 126.1
 130 99.6 72.2 134.2





#48

2-Hexanone

Concen: 2.644 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016682.D

Acq: 09 Jun 2020 00:32

Instrument :
MSVOA_V
ClientSampleId :
ETTS2

Tot Ion: 43 Resp: 6834

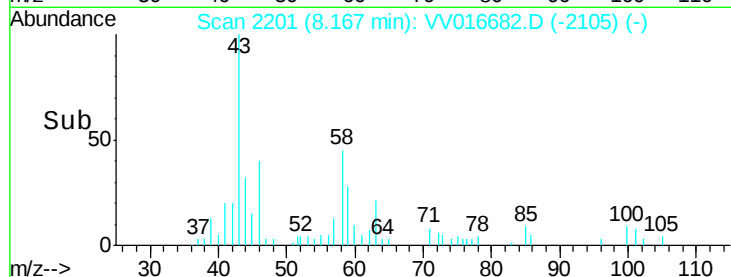
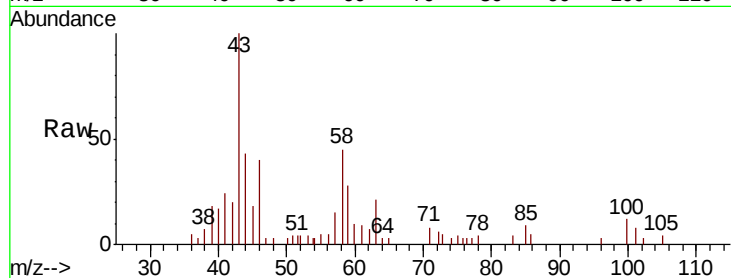
Ion Ratio Lower Upper

43 100

58 60.9 43.1 64.7

57 13.8 15.3 22.9#

100 10.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

