

Data File : VV013330.D
Acq On : 25 Oct 2019 00:06
Operator : SY/MD
Sample : K5462-20
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0G12

Quant Time: Oct 25 04:47:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	396099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	430200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226039	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152057	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	127387	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	186352	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.93	46	326227	58.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.34%
24) Chloroform-d	4.40	84	323404	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	155193	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	658130	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	200607	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	522757	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	7.66	79	56615	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	8.13	63	205171	36.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	140899	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	228810	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

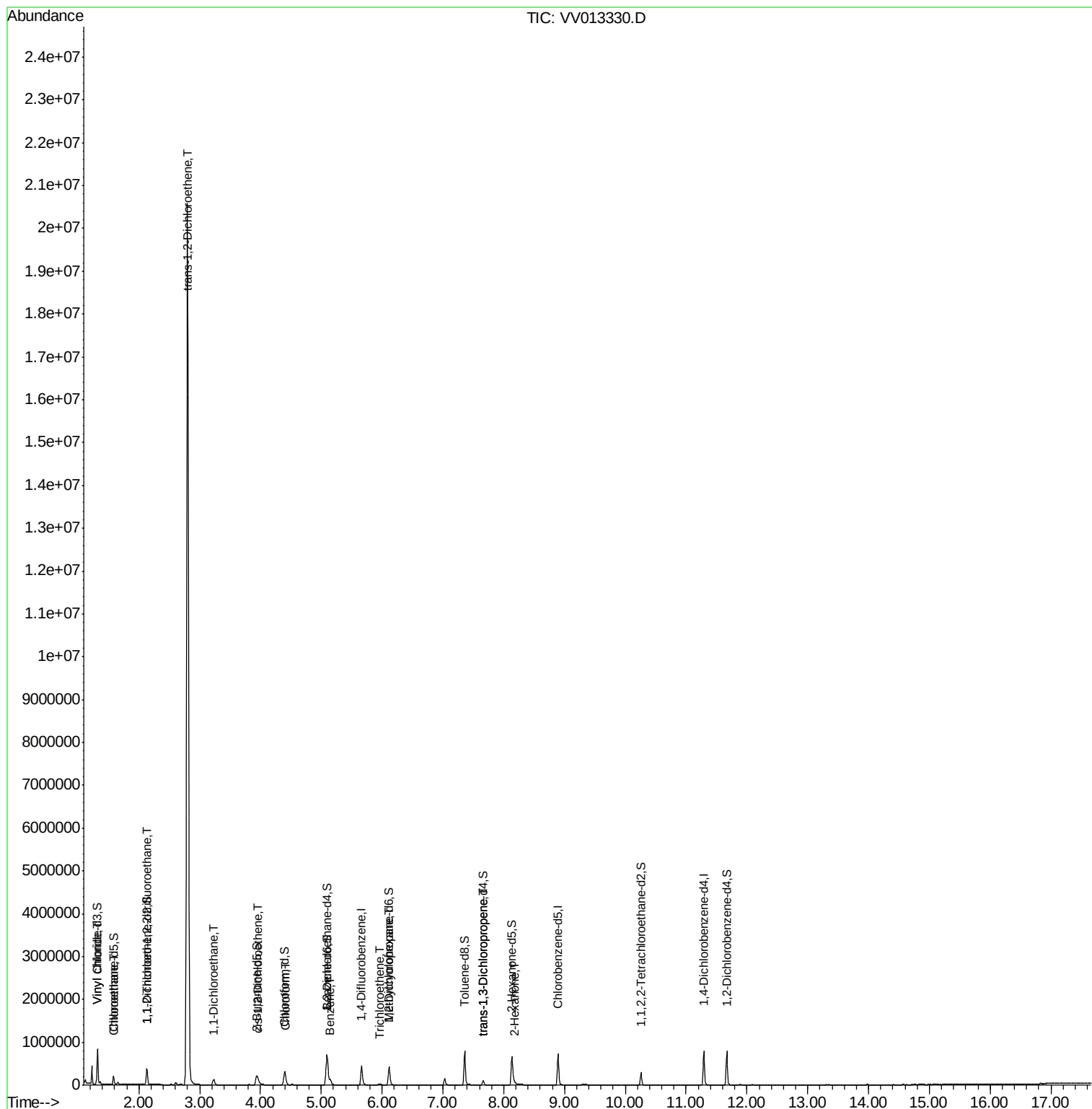
						Qvalue
5) Vinyl chloride	1.32	62	163010	4.264	ug/L	99
8) Chloroethane	1.60	64	4689	0.206	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2486	0.076	ug/L #	24
18) trans-1,2-Dichloroethene	2.79	96	52057	1.418	ug/L	92
19) 1,1-Dichloroethane	3.23	63	127442	2.136	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	30101	0.766	ug/L #	91
25) Chloroform	4.42	83	12958	0.167	ug/L	96
33) Benzene	5.15	78	128062	0.780	ug/L	100
34) Trichloroethene	5.96	95	5281	0.120	ug/L	84
35) Methylcyclohexane	6.12	83	49550	0.731	ug/L #	18
44) trans-1,3-Dichloropropene	7.67	75	2618	0.061	ug/L	97
48) 2-Hexanone	8.18	43	14109	0.969	ug/L #	79

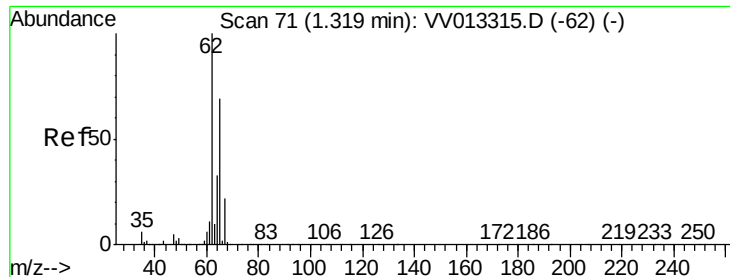
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013330.D
Acq On : 25 Oct 2019 00:06
Operator : SY/MD
Sample : K5462-20
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0G12

Quant Time: Oct 25 04:47:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.264 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013330.D

Acq: 25 Oct 2019 00:06

Instrument :

MSVOA_V

ClientSampleId :

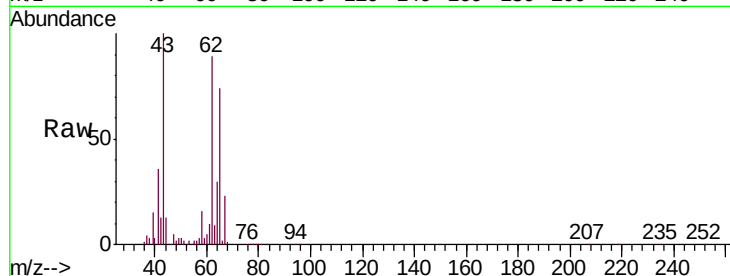
H0G12

Tgt Ion: 62 Resp: 163010

Ion Ratio Lower Upper

62 100

64 33.3 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

150000

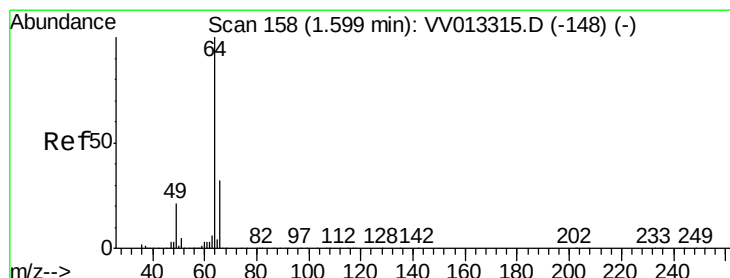
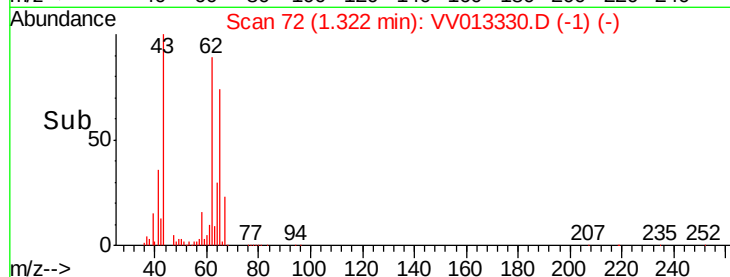
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#8

Chloroethane

Concen: 0.206 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV013330.D

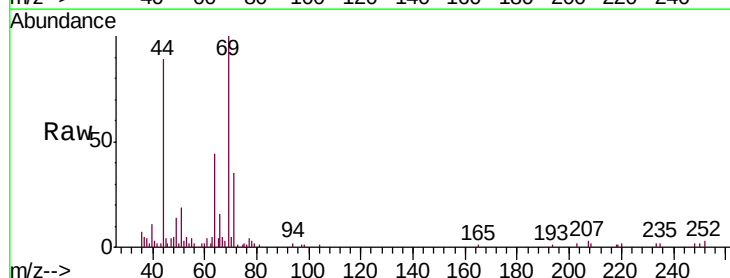
Acq: 25 Oct 2019 00:06

Tgt Ion: 64 Resp: 4689

Ion Ratio Lower Upper

64 100

66 37.4 22.7 42.3



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.60

4000

3000

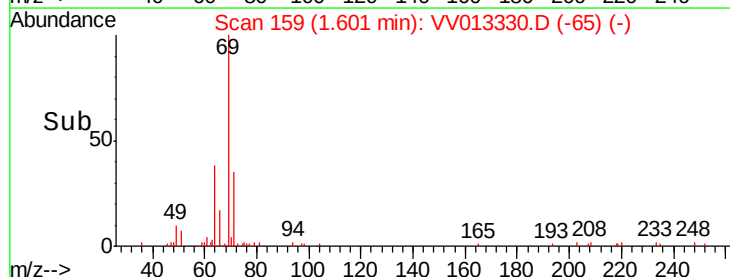
2000

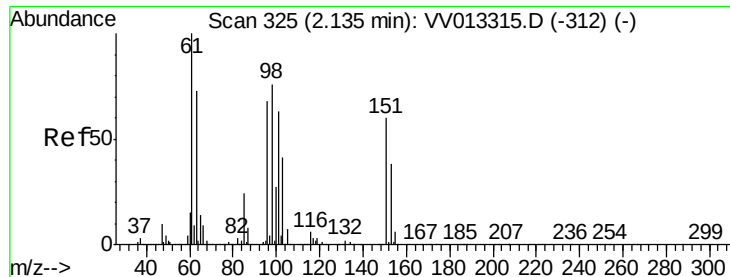
1000

0

Time-->

1.55 1.60 1.65





#10

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

Concen: 0.076 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013330.D

Acq: 25 Oct 2019 00:06

Instrument :

MSVOA_V

ClientSampleId :

H0G12

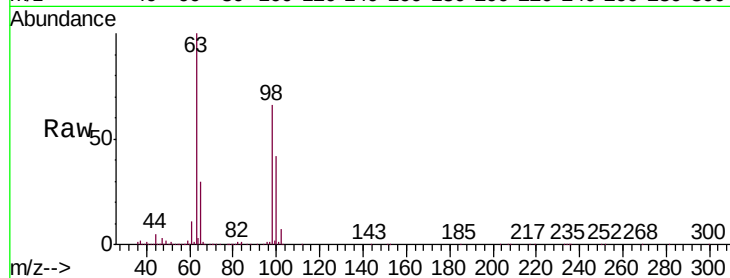
Tgt Ion: 101 Resp: 2486

Ion Ratio Lower Upper

101 100

85 3.7 31.8 47.8#

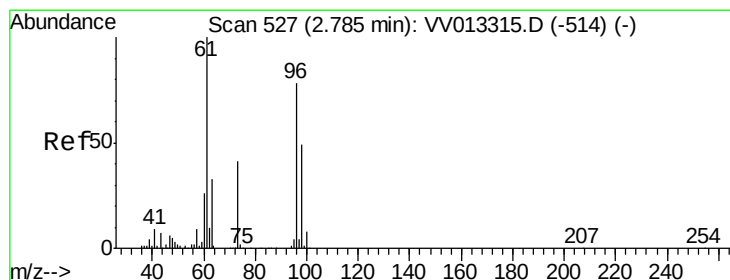
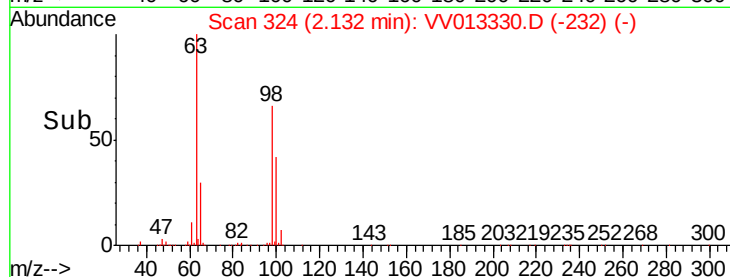
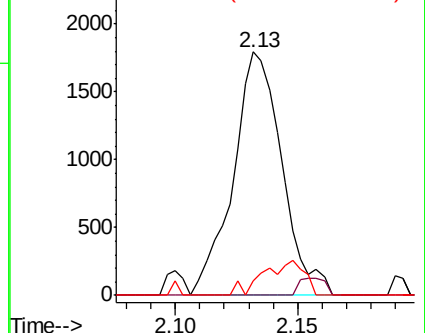
151 12.0 72.9 109.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#18

trans-1,2-Dichloroethene

Concen: 1.418 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV013330.D

Acq: 25 Oct 2019 00:06

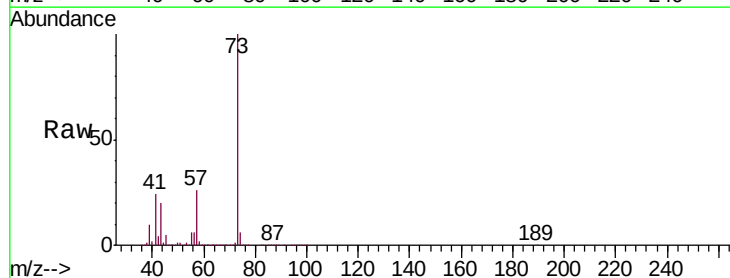
Tgt Ion: 96 Resp: 52057

Ion Ratio Lower Upper

96 100

61 131.3 84.4 156.8

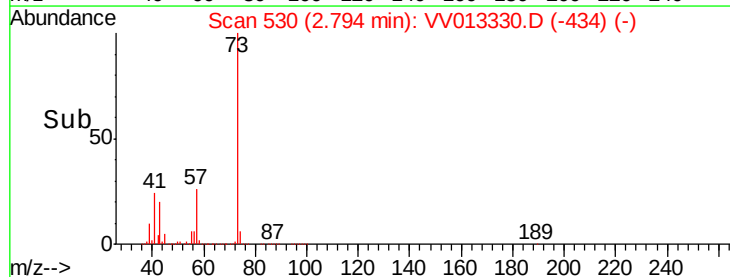
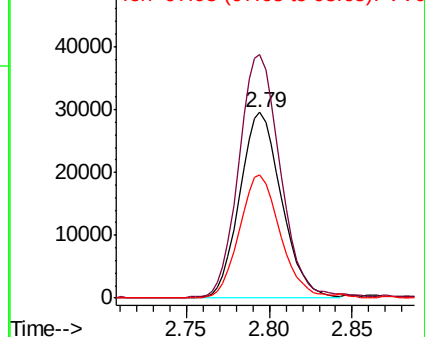
98 66.4 44.4 82.4

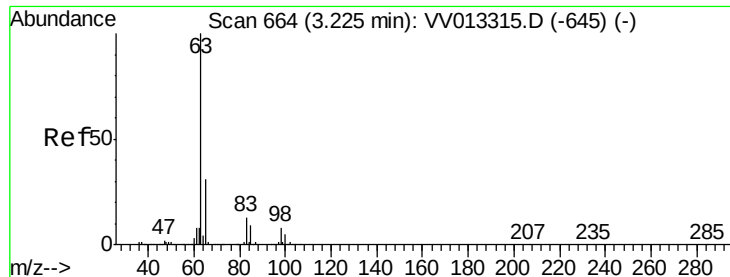


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 2.136 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV013330.D

Acq: 25 Oct 2019 00:06

Instrument :

MSVOA_V

ClientSampleId :

H0G12

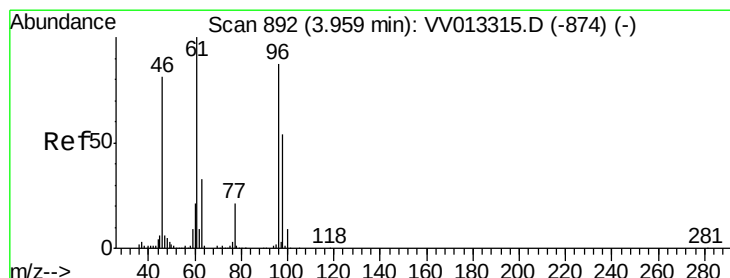
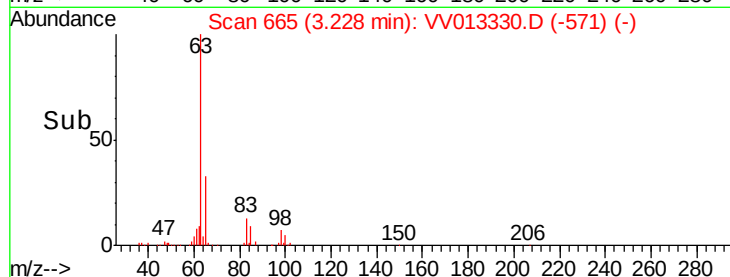
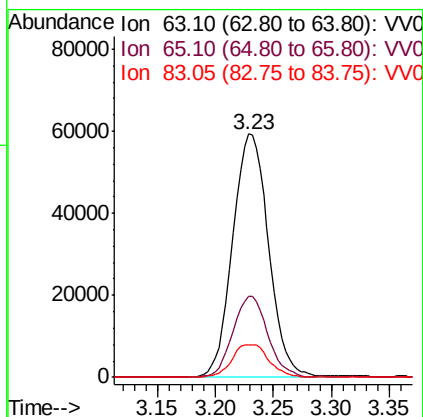
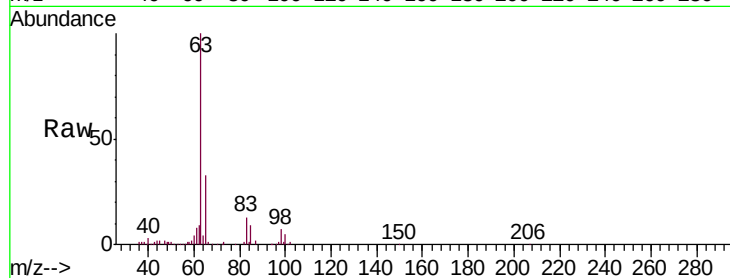
Tgt Ion: 63 Resp: 127442

Ion Ratio Lower Upper

63 100

65 33.3 23.0 42.8

83 13.2 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.766 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV013330.D

Acq: 25 Oct 2019 00:06

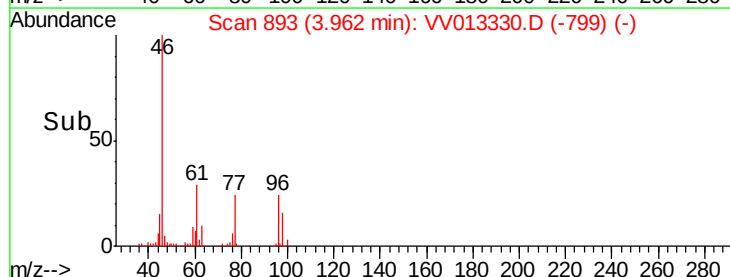
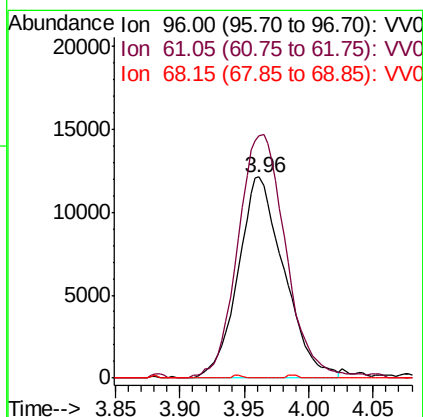
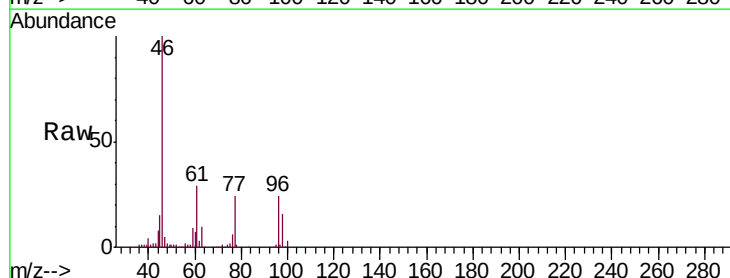
Tgt Ion: 96 Resp: 30101

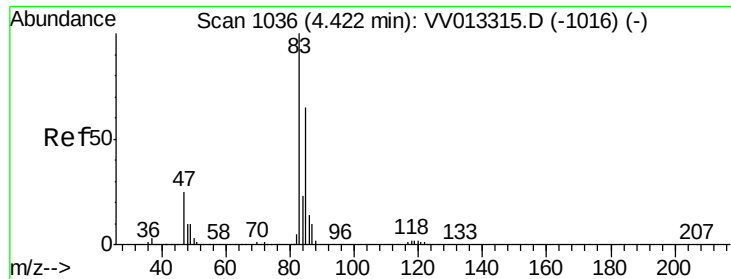
Ion Ratio Lower Upper

96 100

61 120.3 77.3 143.7

68 0.0 0.1 0.1#

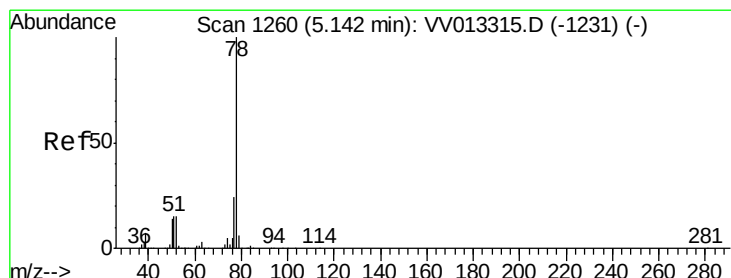
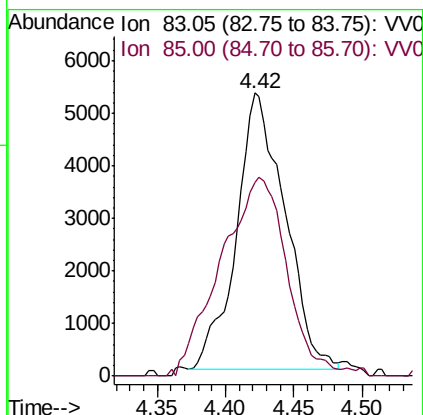
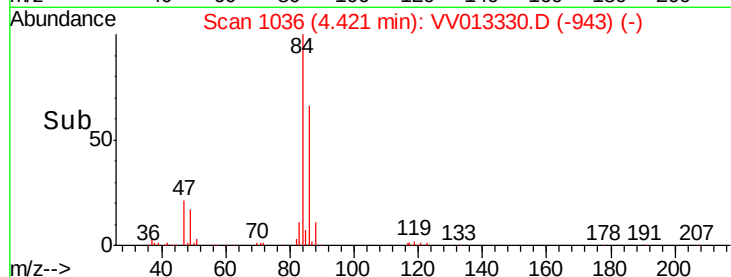
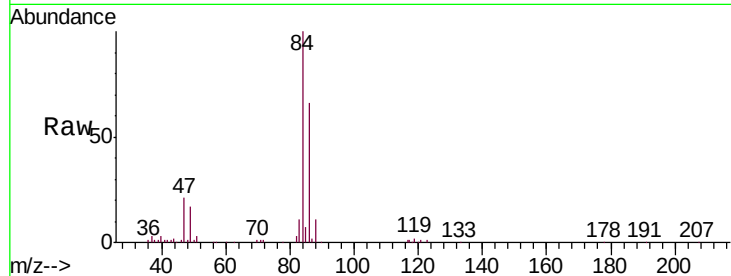




#25
Chloroform
Concen: 0.167 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013330.D
Acq: 25 Oct 2019 00:06

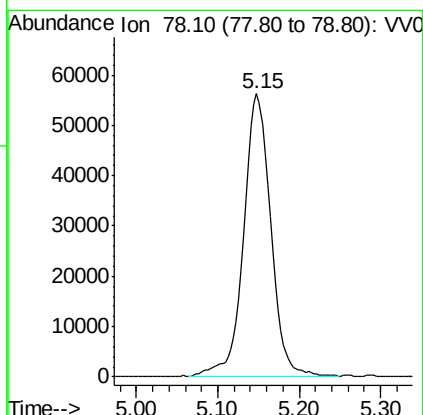
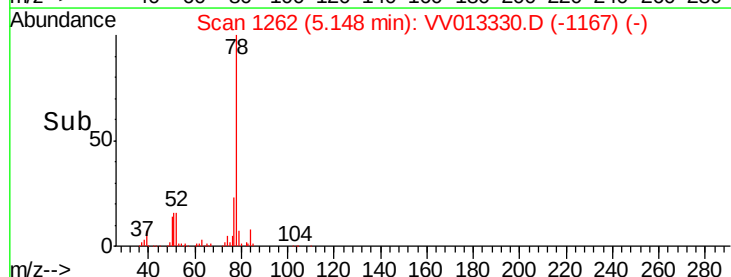
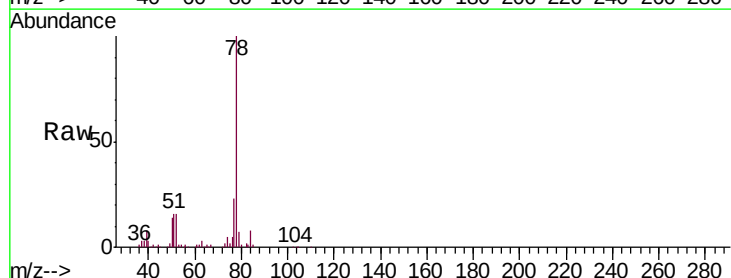
Instrument :
MSVOA_V
ClientSampleId :
H0G12

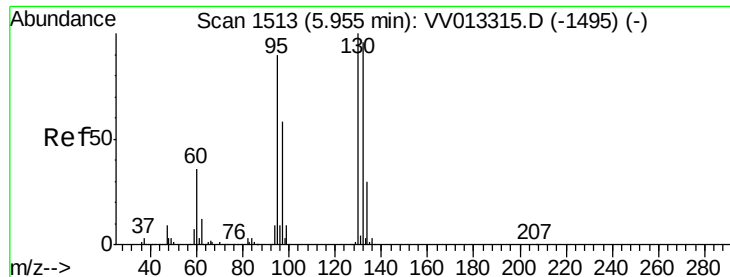
Tgt Ion: 83 Resp: 12958
Ion Ratio Lower Upper
83 100
85 68.5 45.7 84.9



#33
Benzene
Concen: 0.780 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013330.D
Acq: 25 Oct 2019 00:06

Tgt Ion: 78 Resp: 128062





#34

Trichloroethene

Concen: 0.120 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013330.D

Acq: 25 Oct 2019 00:06

Instrument :

MSVOA_V

ClientSampleId :

H0G12

Tgt Ion: 95 Resp: 5281

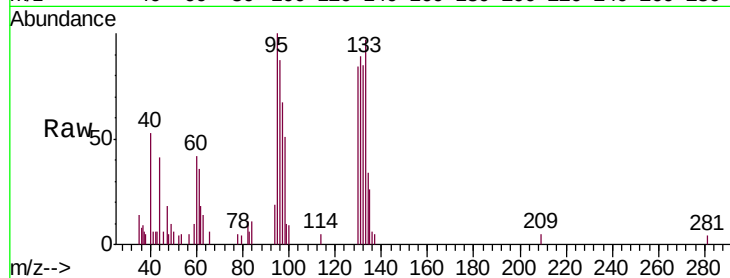
Ion Ratio Lower Upper

95 100

97 67.2 45.2 84.0

132 84.6 70.6 131.2

130 83.8 75.5 140.3

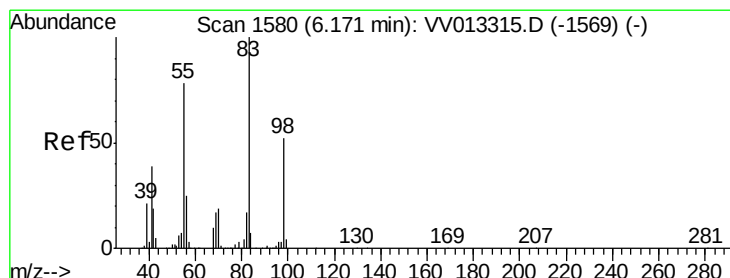
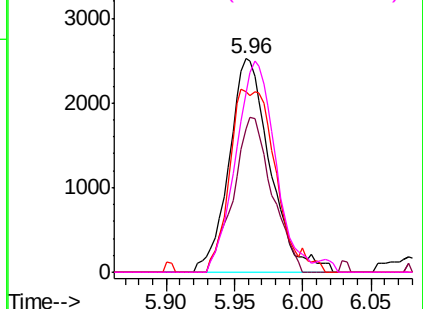
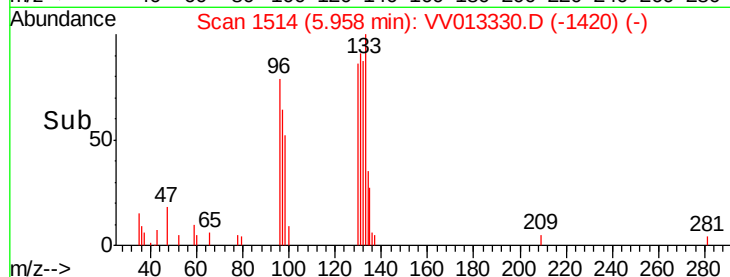


Abundance Ion 95.00 (94.70 to 95.70): VV013330.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV013330.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV013330.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV013330.D (-1420) (-)



#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013330.D

Acq: 25 Oct 2019 00:06

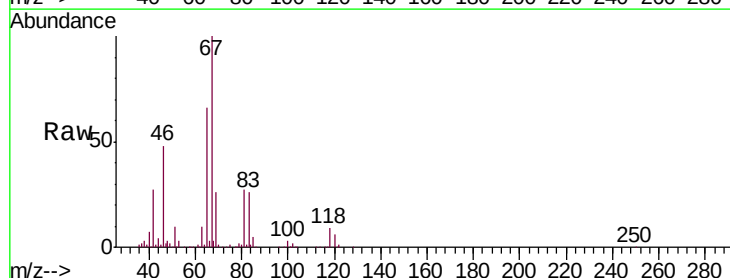
Tgt Ion: 83 Resp: 49550

Ion Ratio Lower Upper

83 100

55 0.6 62.4 93.6#

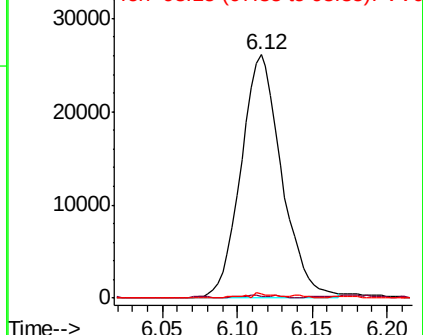
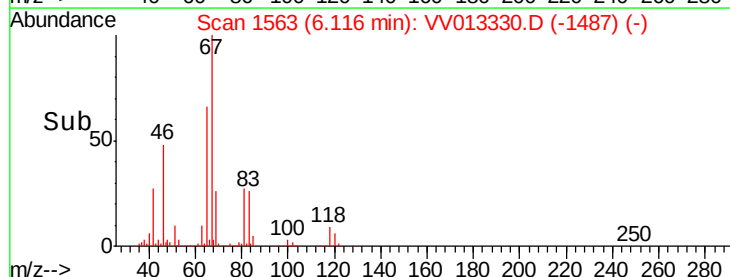
98 1.0 39.2 58.8#

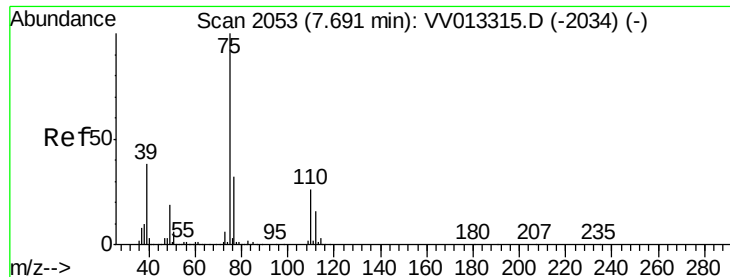


Abundance Ion 83.15 (82.85 to 83.85): VV013330.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV013330.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV013330.D (-1487) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV013330.D

Acq: 25 Oct 2019 00:06

Instrument :

MSVOA_V

ClientSampleId :

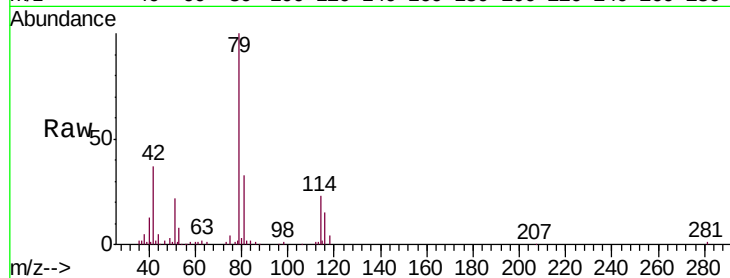
H0G12

Tgt Ion: 75 Resp: 2618

Ion Ratio Lower Upper

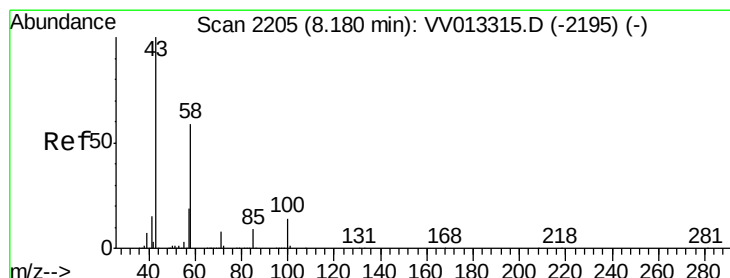
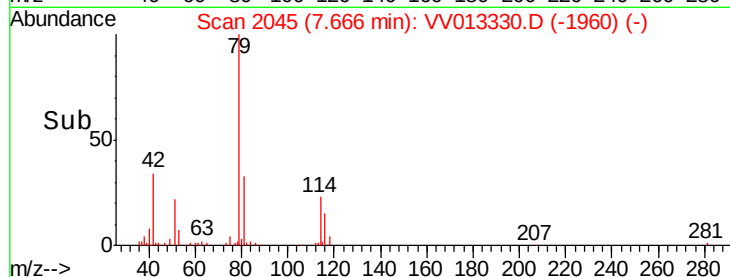
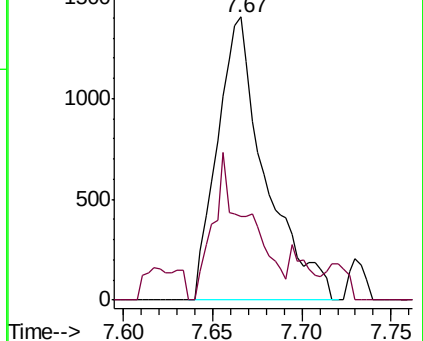
75 100

77 29.4 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 0.969 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013330.D

Acq: 25 Oct 2019 00:06

Tgt Ion: 43 Resp: 14109

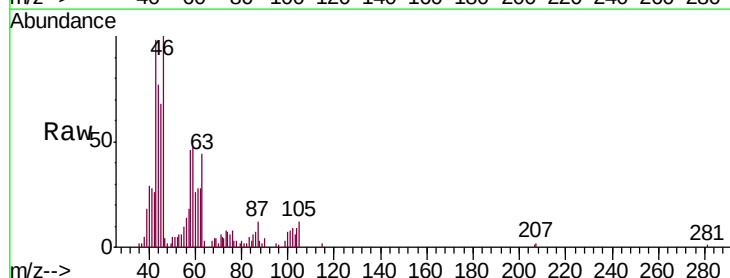
Ion Ratio Lower Upper

43 100

58 44.1 45.1 67.7#

57 5.6 15.5 23.3#

100 2.7 10.2 15.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

