

Data File : VV013351.D
Acq On : 25 Oct 2019 17:20
Operator : SY/MD
Sample : K5462-21
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0G25

Quant Time: Oct 26 01:02:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	394803	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	423570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230276	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	190229	6.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.80%#
7) Chloroethane-d5	1.58	69	144960	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.60%
11) 1,1-Dichloroethene-d2	2.13	63	231452	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.94	46	367684	65.78	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.56%#
24) Chloroform-d	4.40	84	337140	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	168369	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	766037	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.12	67	222837	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.36	98	638836	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.66	79	74220	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.13	63	228655	41.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	145923	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	264517	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

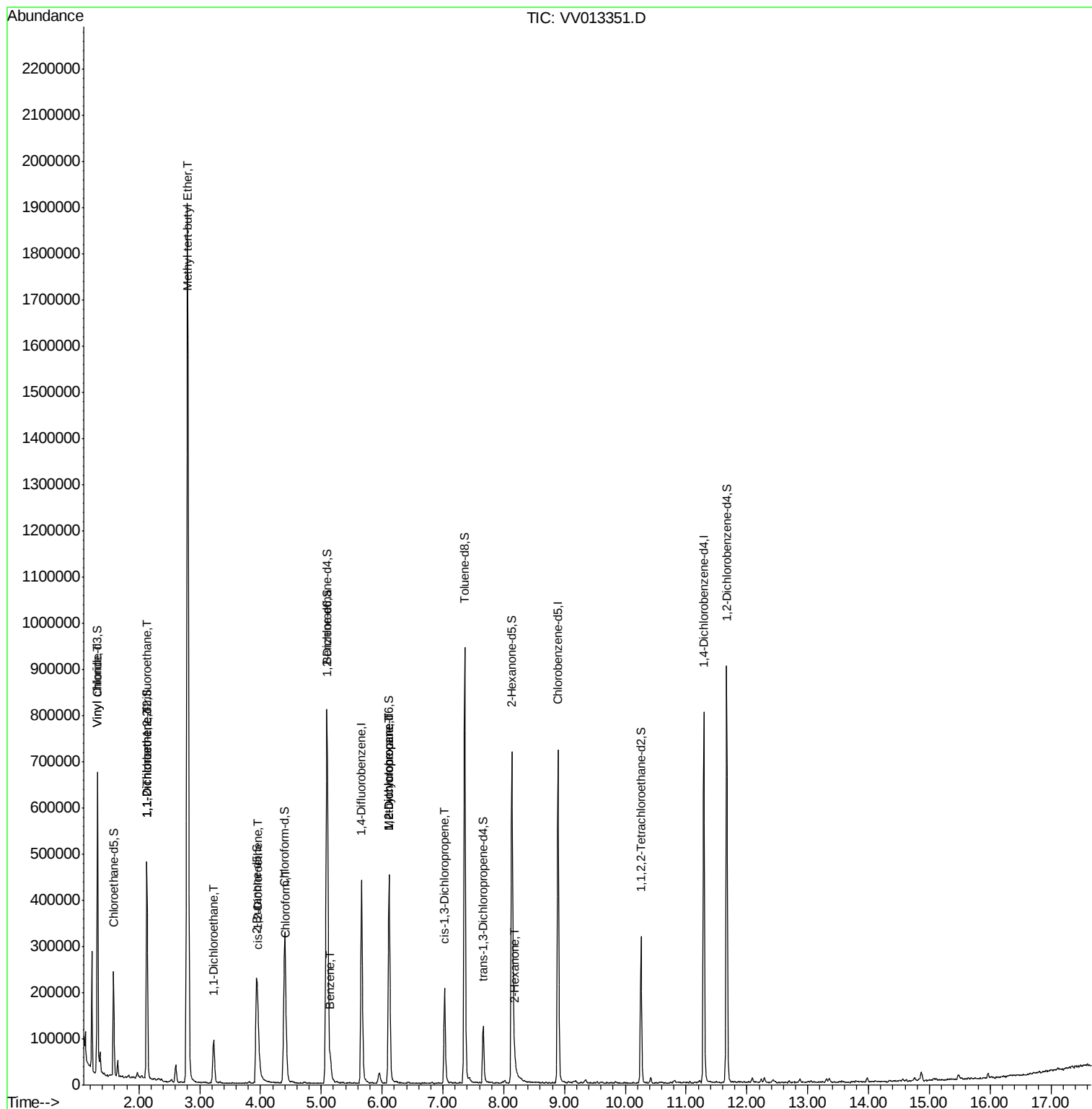
					Qvalue
5) Vinyl chloride	1.32	62	98926	2.596	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2829	0.087	ug/L # 18
12) 1,1-Dichloroethene	2.13	96	2608	0.084	ug/L # 1
17) Methyl tert-butyl Ether	2.80	73	1915105	26.640	ug/L 97
19) 1,1-Dichloroethane	3.23	63	94069	1.582	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	26770	0.683	ug/L # 89
25) Chloroform	4.42	83	29696	0.383	ug/L 91
33) Benzene	5.15	78	53757	0.332	ug/L 100
35) Methylcyclohexane	6.12	83	55714	0.834	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	23498	0.598	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	5283	0.095	ug/L 86
48) 2-Hexanone	8.19	43	17040	1.189	ug/L # 77

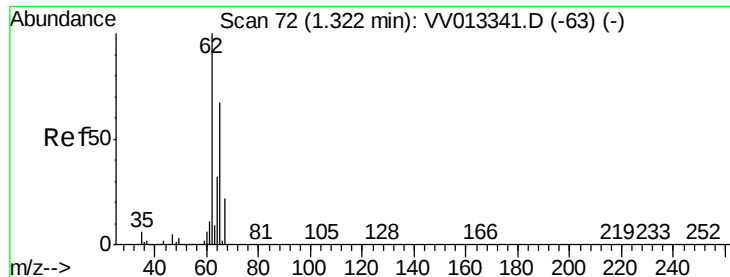
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
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#5

Vinyl chloride

Concen: 2.596 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Acq: 25 Oct 2019 17:20

Instrument :

MSVOA_V

ClientSampleId :

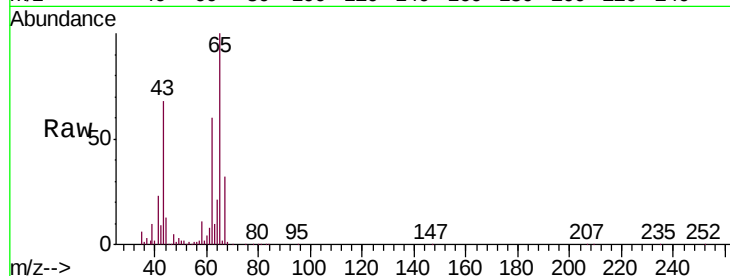
H0G25

Tgt Ion: 62 Resp: 98926

Ion Ratio Lower Upper

62 100

64 34.8 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV013341.D (-63) (-)

Ion 64.10 (63.80 to 64.80): VV013341.D (-63) (-)

1.32

100000

80000

60000

40000

20000

0

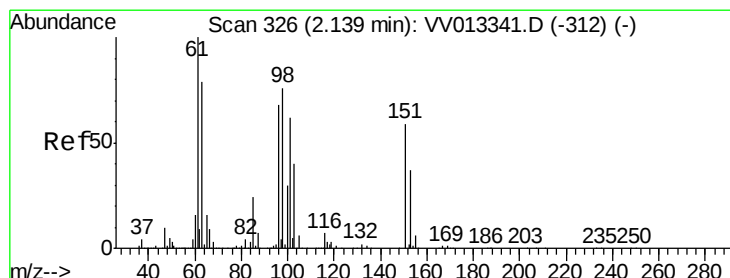
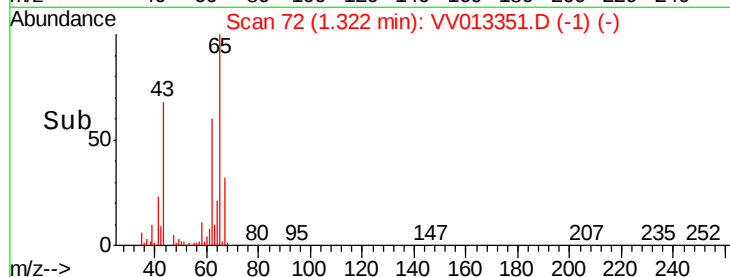
Time-->

1.25

1.30

1.35

1.40



#10

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

Concen: 0.087 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013351.D

Acq: 25 Oct 2019 17:20

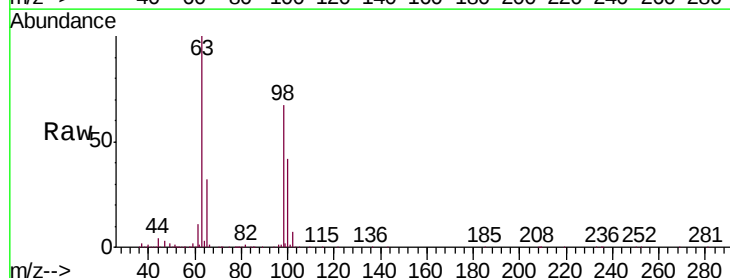
Tgt Ion: 101 Resp: 2829

Ion Ratio Lower Upper

101 100

85 3.2 31.8 47.8#

151 3.8 72.9 109.3#



Abundance Ion 101.00 (100.70 to 101.70): VV013341.D (-312) (-)

Ion 85.00 (84.70 to 85.70): VV013341.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV013341.D (-312) (-)

2.13

2500

2000

1500

1000

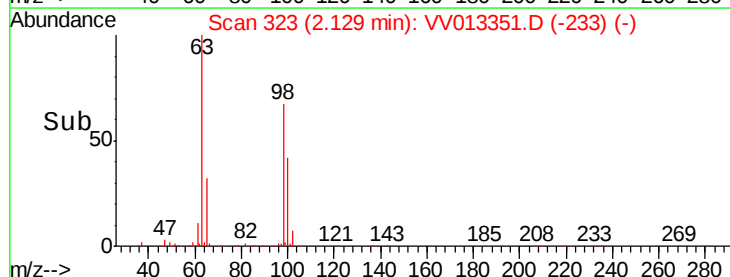
500

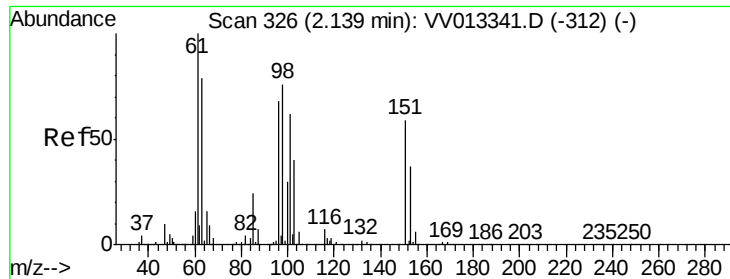
0

Time-->

2.10

2.15





#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV013351.D

Acq: 25 Oct 2019 17:20

Instrument :

MSVOA_V

ClientSampleId :

H0G25

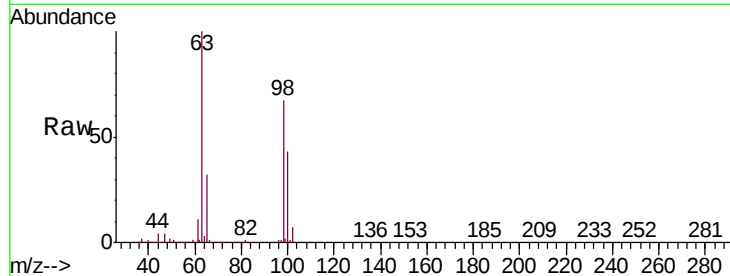
Tgt Ion: 96 Resp: 2608

Ion Ratio Lower Upper

96 100

61 1182.3 104.0 193.1#

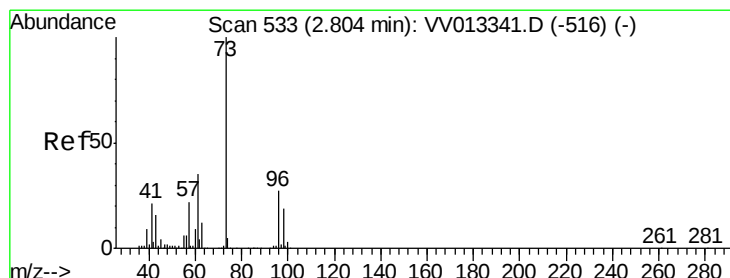
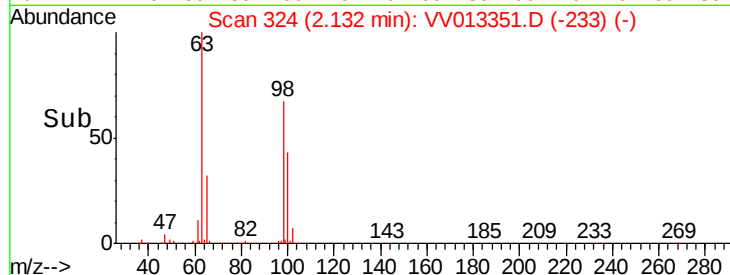
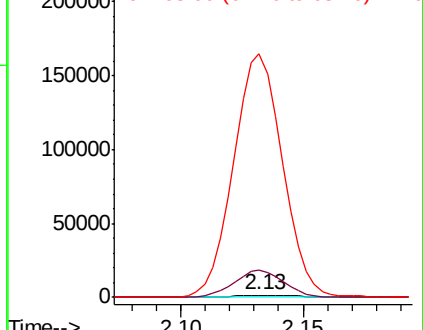
63 10701.3 67.1 124.5#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#17

Methyl tert-butyl Ether

Concen: 26.640 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV013351.D

Acq: 25 Oct 2019 17:20

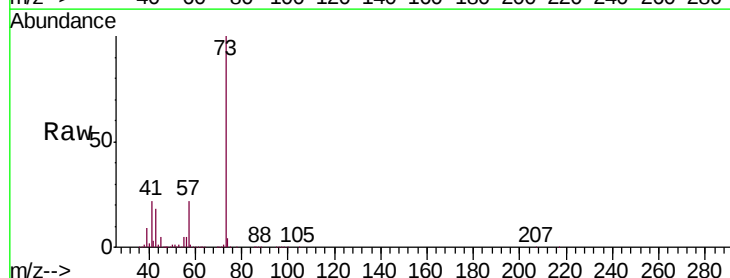
Tgt Ion: 73 Resp: 1915105

Ion Ratio Lower Upper

73 100

43 17.5 13.1 19.7

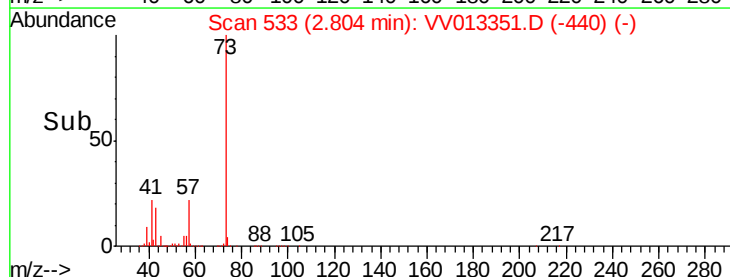
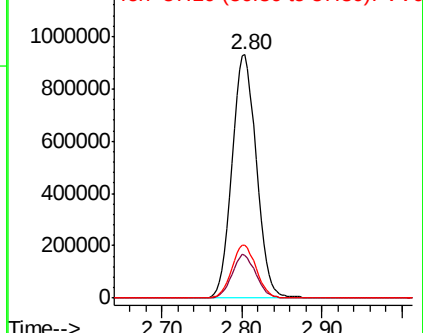
57 22.0 16.4 24.6

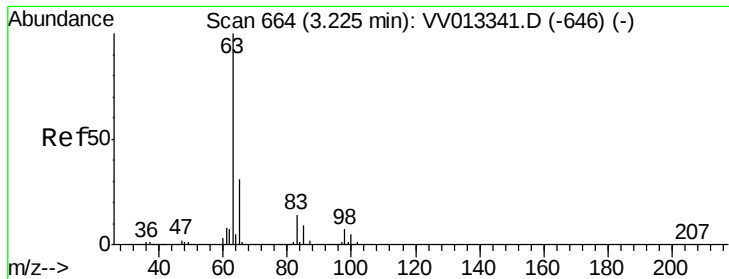


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

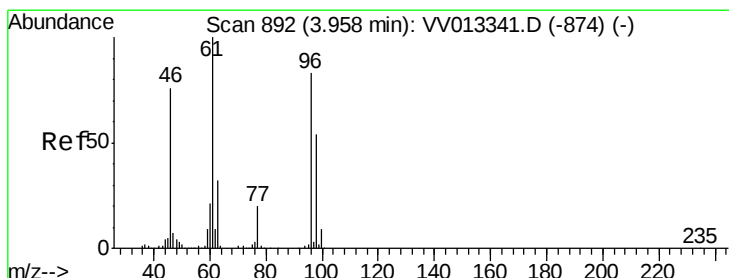
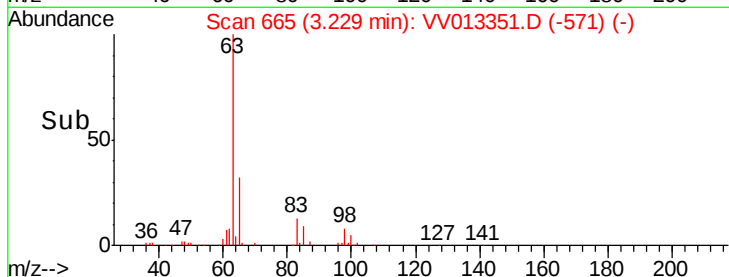
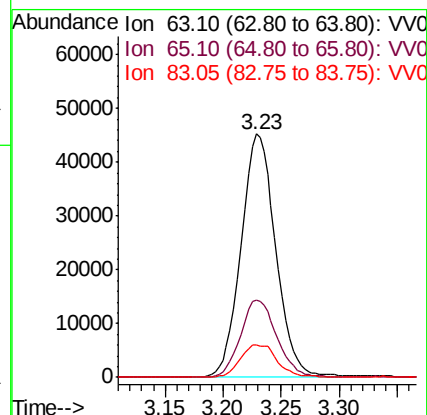
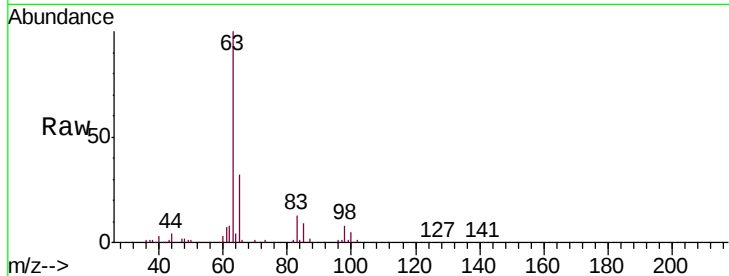




#19
 1,1-Dichloroethane
 Concen: 1.582 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV013351.D
 Acq: 25 Oct 2019 17:20

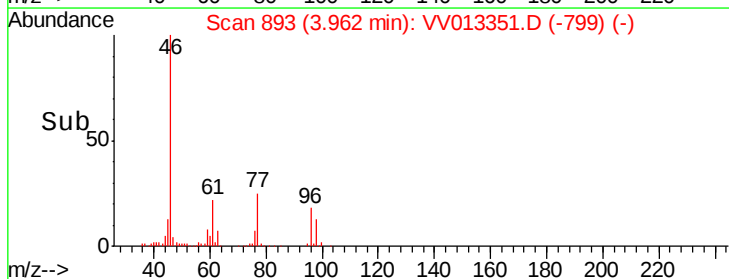
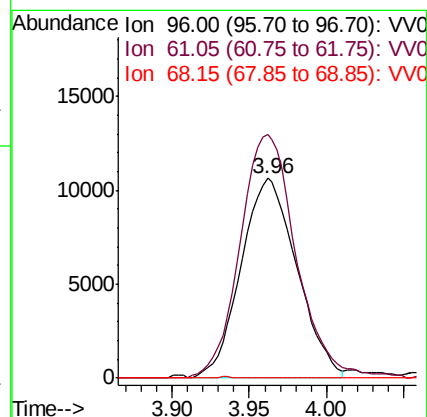
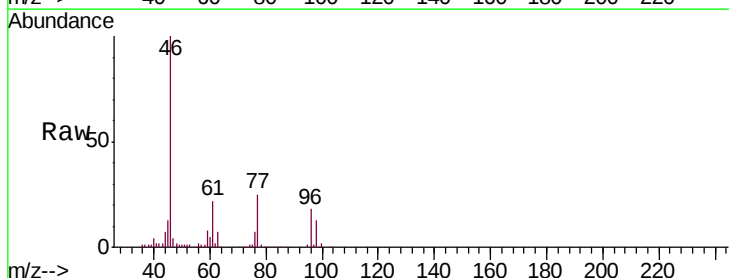
Instrument :
 MSVOA_V
 ClientSampleId :
 H0G25

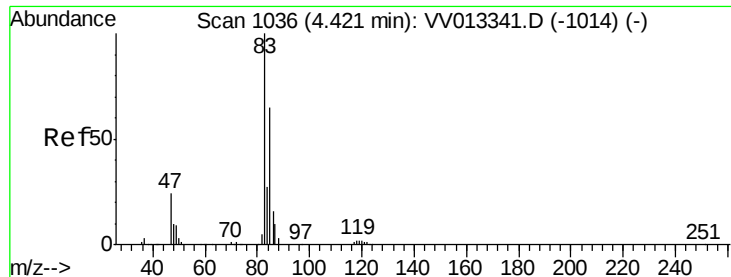
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.0	42.8
83	13.3	10.2	19.0



#22
 cis-1,2-Dichloroethene
 Concen: 0.683 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV013351.D
 Acq: 25 Oct 2019 17:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.0	77.3	143.7
68	0.0	0.1	0.1#

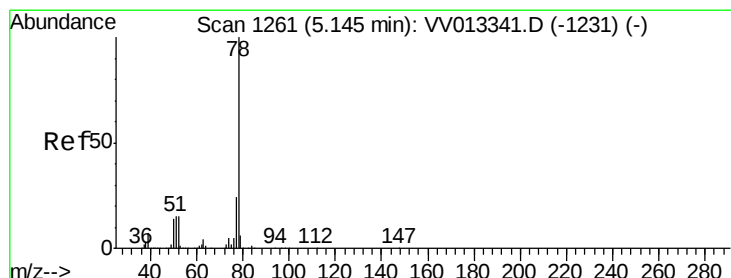
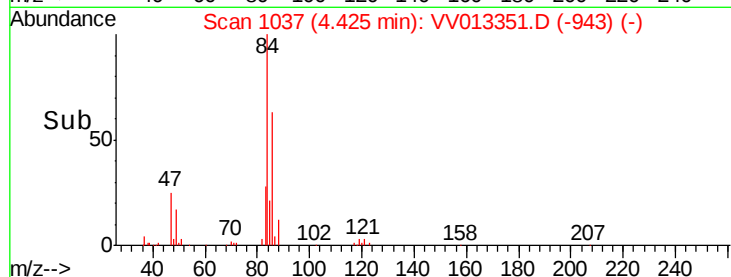
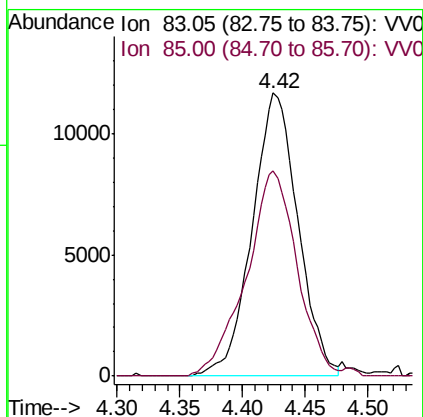
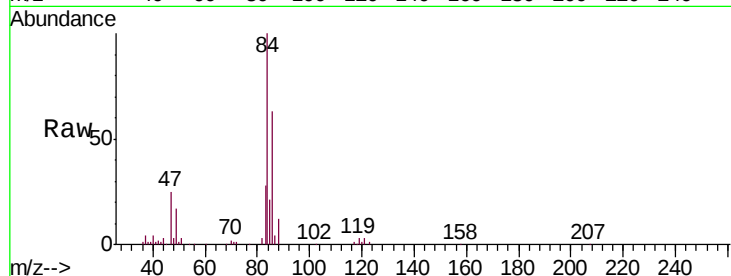




#25
Chloroform
Concen: 0.383 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013351.D
Acq: 25 Oct 2019 17:20

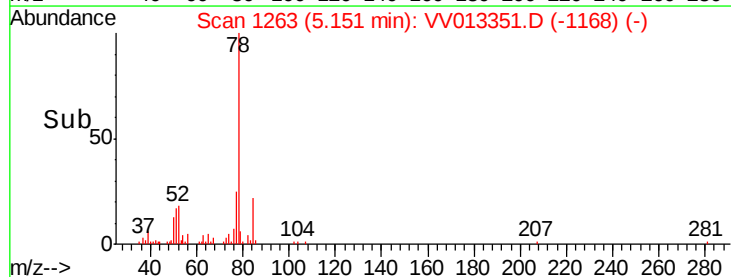
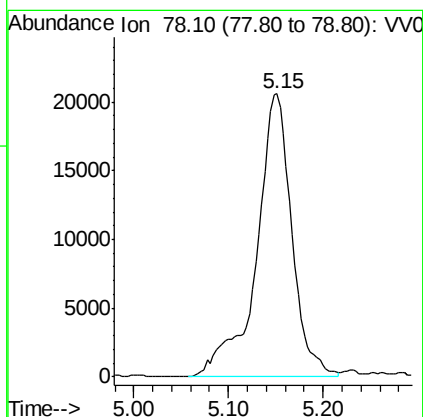
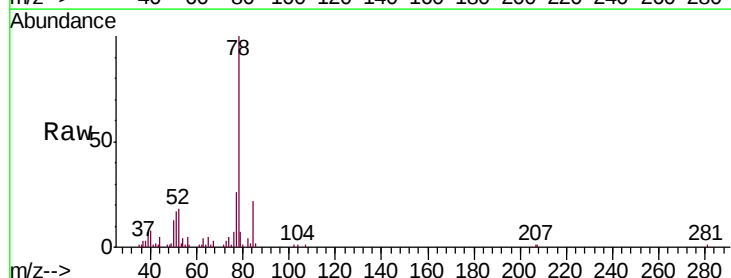
Instrument :
MSVOA_V
ClientSampled :
H0G25

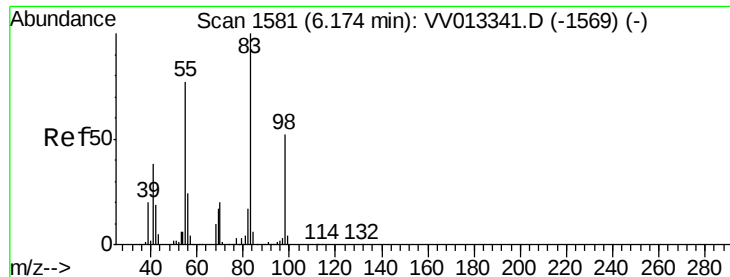
Tgt Ion: 83 Resp: 29696
Ion Ratio Lower Upper
83 100
85 72.6 45.7 84.9



#33
Benzene
Concen: 0.332 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV013351.D
Acq: 25 Oct 2019 17:20

Tgt Ion: 78 Resp: 53757

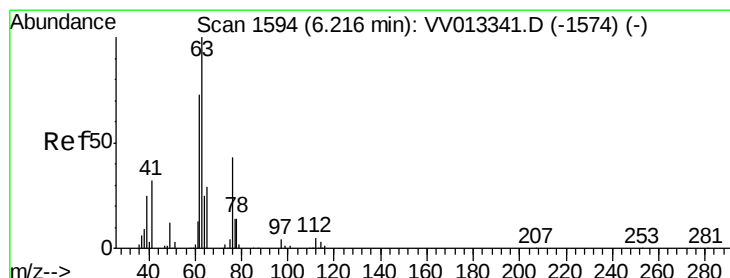
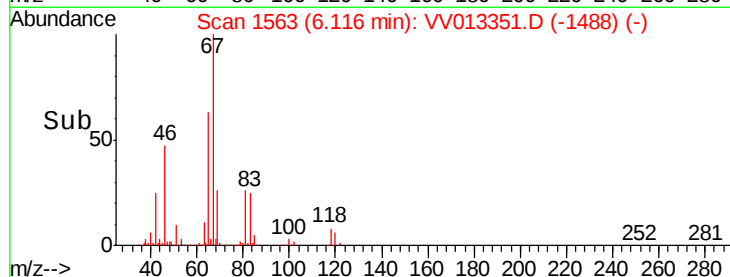
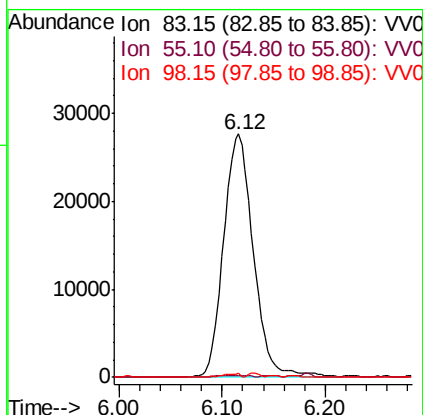
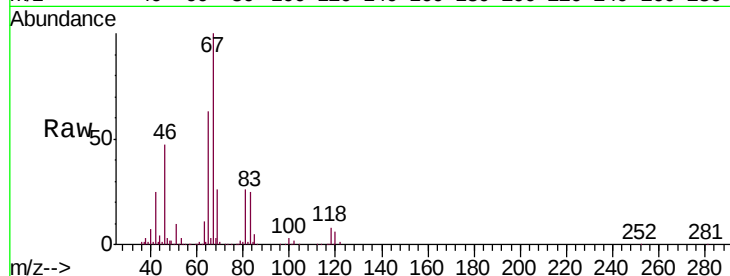




#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013351.D
Acq: 25 Oct 2019 17:20

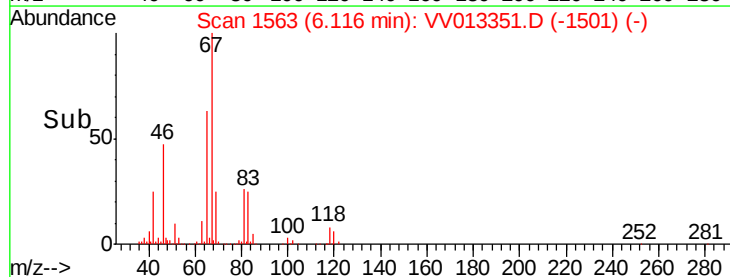
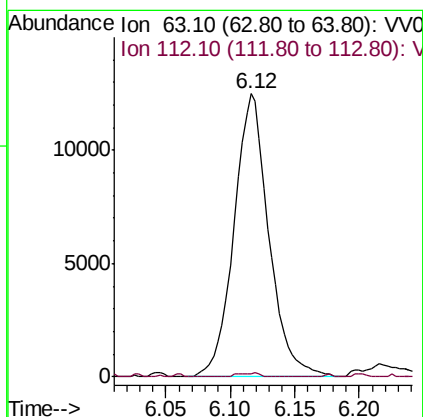
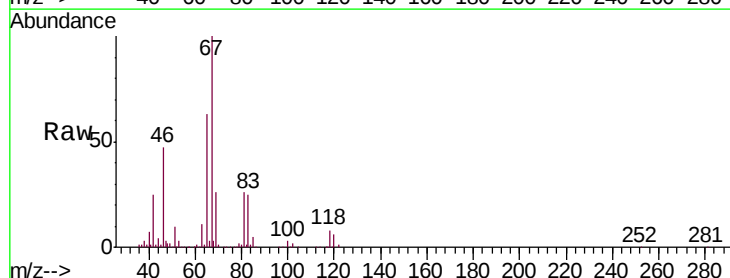
Instrument :
MSVOA_V
ClientSampleId :
H0G25

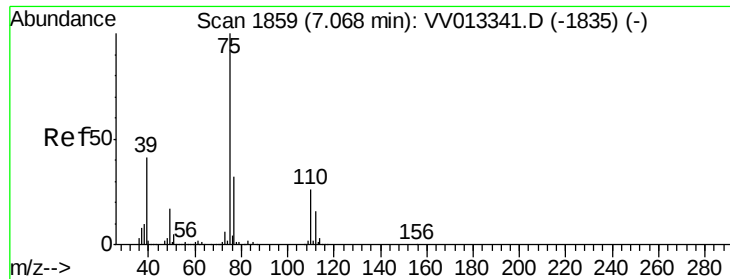
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.4	93.6#
98	0.8	39.2	58.8#



#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013351.D
Acq: 25 Oct 2019 17:20

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.9	4.1	6.1#



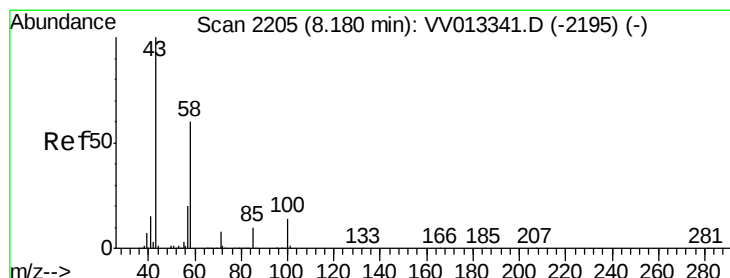
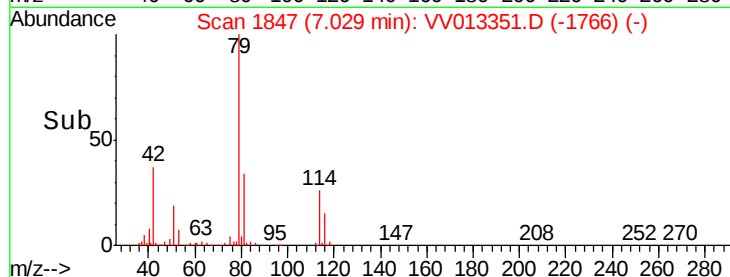
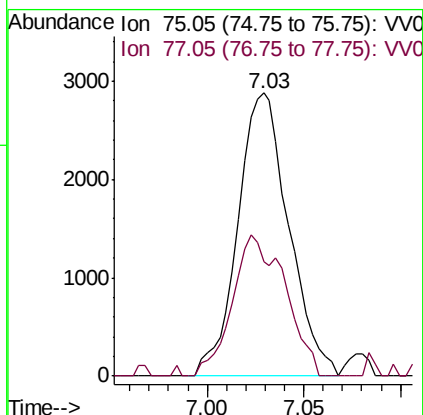
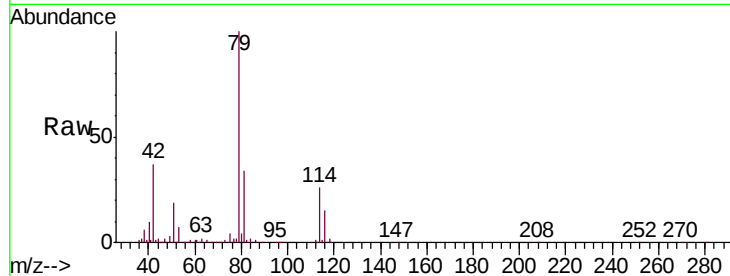


#39

cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV013351.D
Acq: 25 Oct 2019 17:20

Instrument :
MSVOA_V
ClientSampleId :
H0G25

Tgt Ion: 75 Resp: 5283
Ion Ratio Lower Upper
75 100
77 40.3 22.6 42.0



#48

2-Hexanone
Concen: 1.189 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.01 min
Lab File: VV013351.D
Acq: 25 Oct 2019 17:20

Tgt Ion: 43 Resp: 17040
Ion Ratio Lower Upper
43 100
58 35.5 45.1 67.7#
57 15.3 15.5 23.3#
100 4.5 10.2 15.2#

