

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013333.D
 Acq On : 24 Oct 2019 23:19
 Operator : SY/MD
 Sample : K5462-18
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G16

Quant Time: Oct 25 05:47:51 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	401700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	432818	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	224542	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149905	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	129854	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	179502	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.96	46	405373	71.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.54%#
24) Chloroform-d	4.40	84	334299	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	164357	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	682478	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	210587	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	568981	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	60535	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.13	63	238980	42.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	144787	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	234048	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

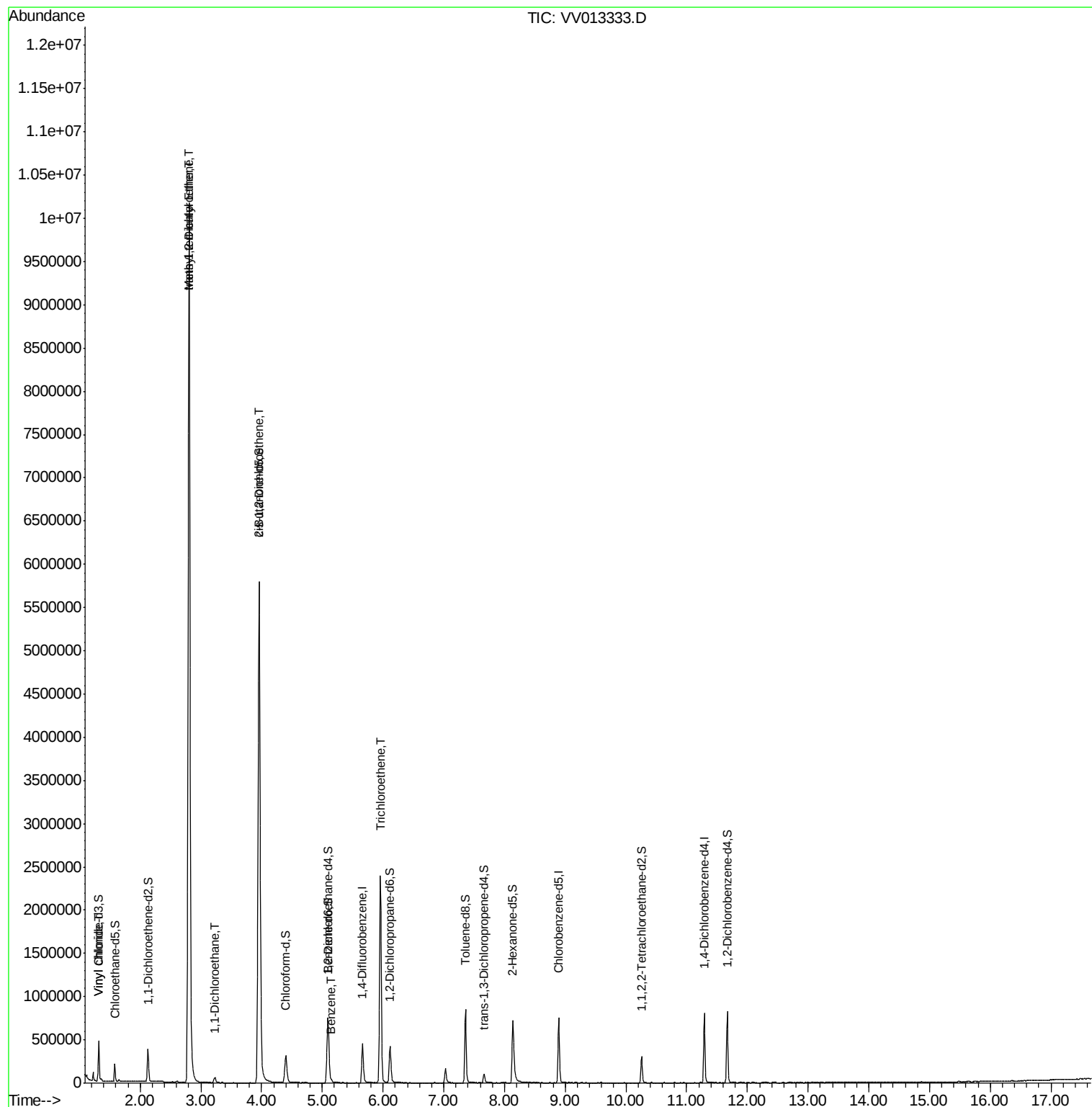
					Ovalue
5) Vinyl chloride	1.32	62	123514	3.186	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	10974156	150.035	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	113196	3.040	ug/L 93
19) 1,1-Dichloroethane	3.23	63	62708	1.036	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	3344529	83.927	ug/L # 92
33) Benzene	5.15	78	22048	0.133	ug/L 100
34) Trichloroethene	5.96	95	814336	18.363	ug/L 96

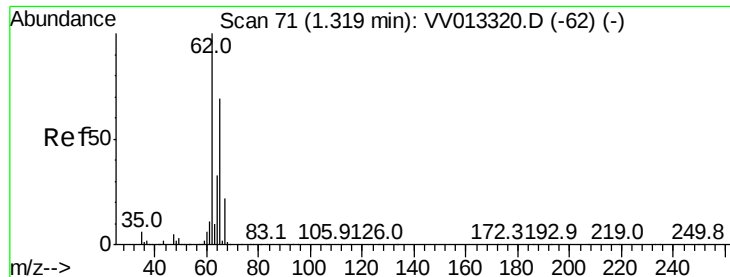
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.186 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013333.D

Acq: 24 Oct 2019 23:19

Instrument :

MSVOA_V

ClientSampleId :

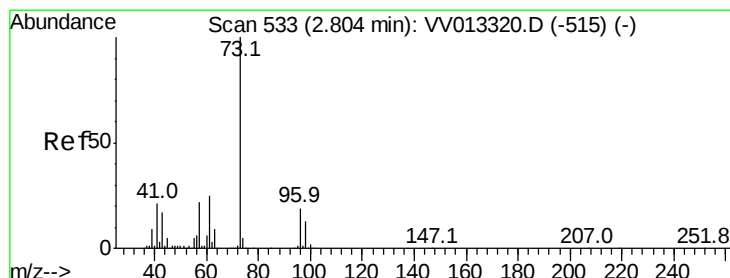
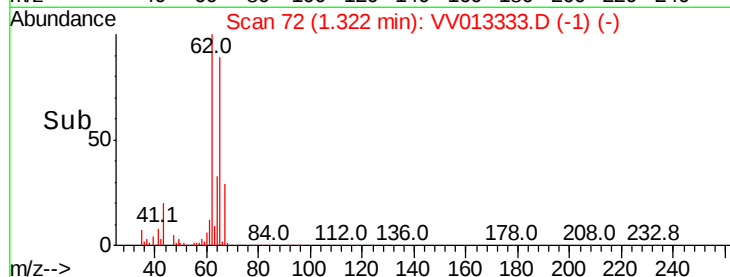
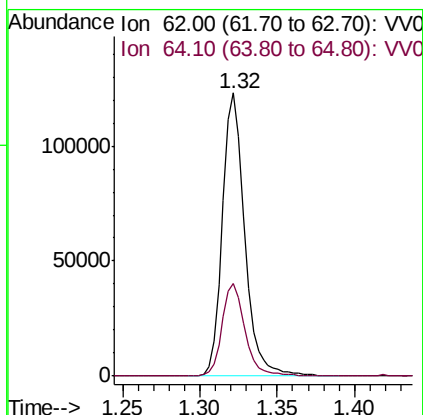
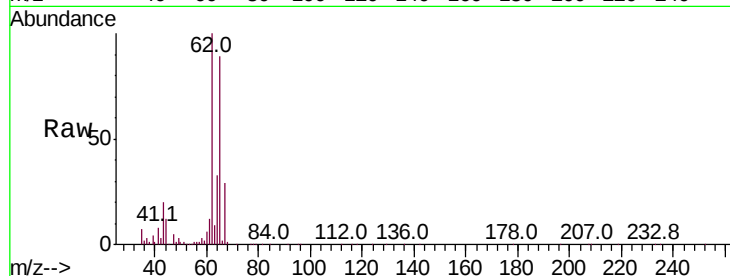
H0G16

Tot Ion: 62 Resp: 123514

Ion Ratio Lower Upper

62 100

64 32.7 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 150.035 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV013333.D

Acq: 24 Oct 2019 23:19

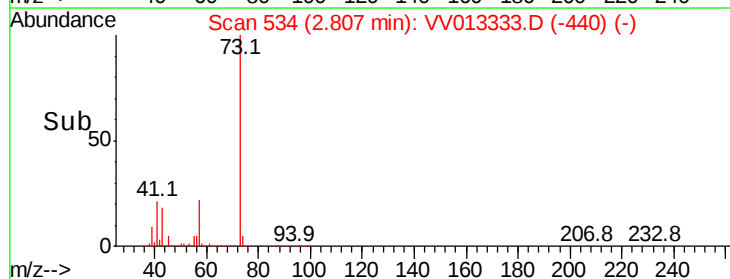
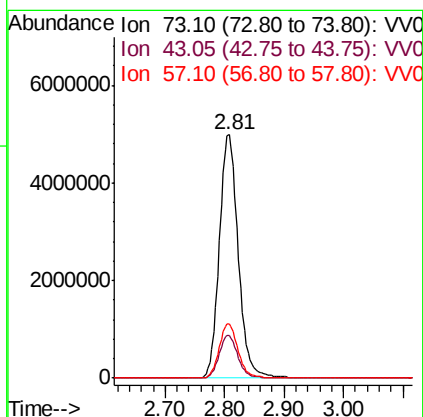
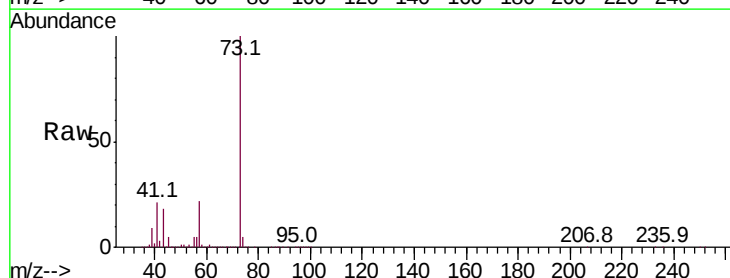
Tgt Ion: 73 Resp: 10974156

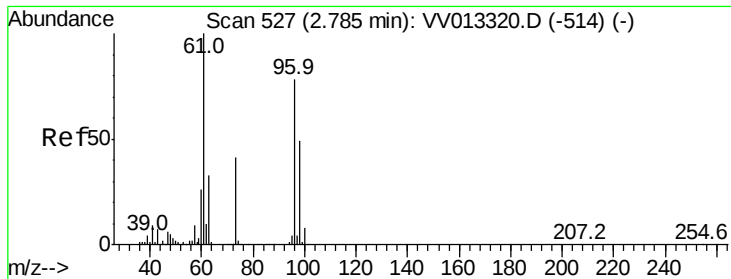
Ion Ratio Lower Upper

73 100

43 17.5 13.1 19.7

57 22.3 16.4 24.6





#18

trans-1,2-Dichloroethene

Concen: 3.040 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.01 min

Lab File: VV013333.D

Acq: 24 Oct 2019 23:19

Instrument :

MSVOA_V

ClientSampleId :

H0G16

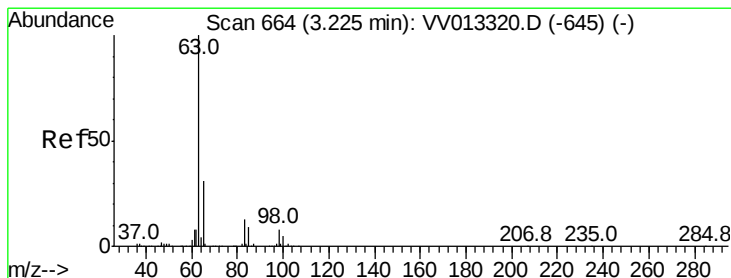
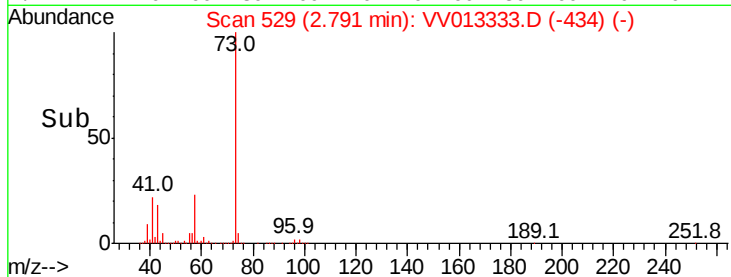
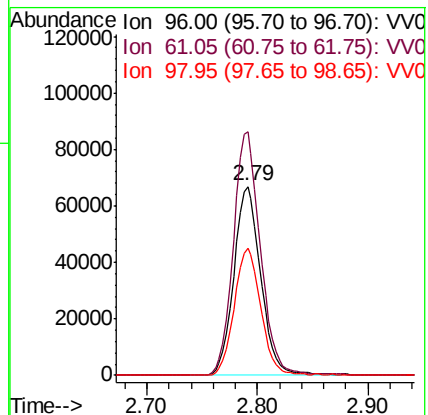
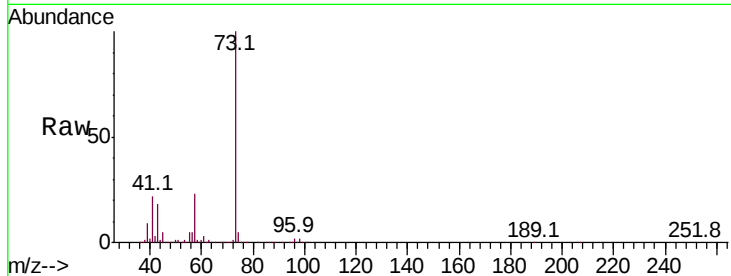
Tot Ion: 96 Resp: 113196

Ion Ratio Lower Upper

96 100

61 128.8 84.4 156.8

98 67.4 44.4 82.4



#19

1,1-Dichloroethane

Concen: 1.036 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV013333.D

Acq: 24 Oct 2019 23:19

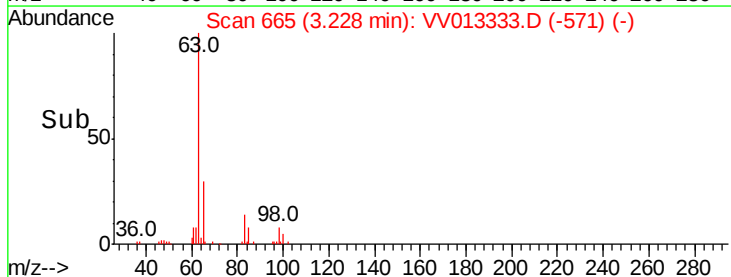
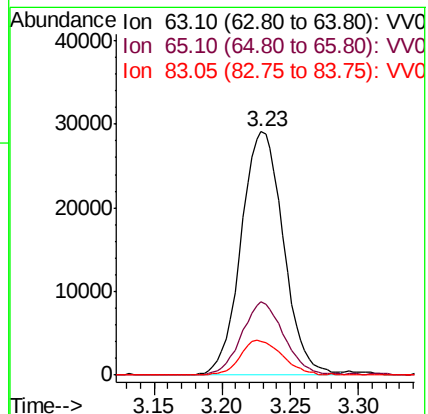
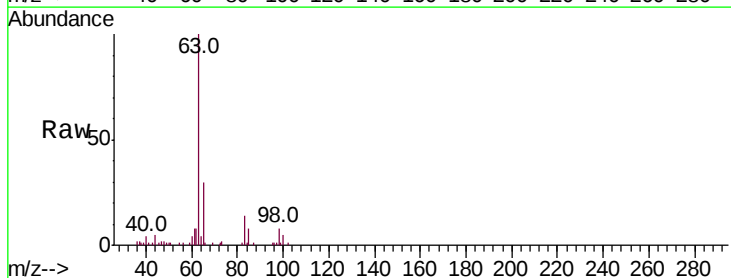
Tgt Ion: 63 Resp: 62708

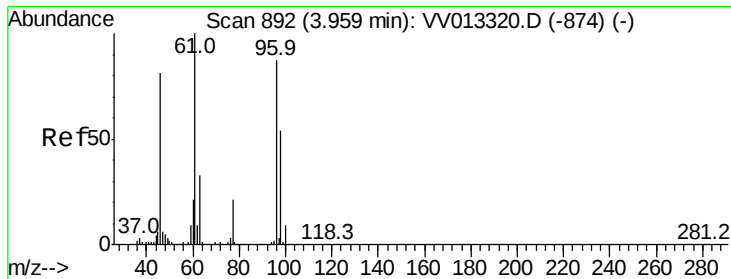
Ion Ratio Lower Upper

63 100

65 30.2 23.0 42.8

83 14.1 10.2 19.0



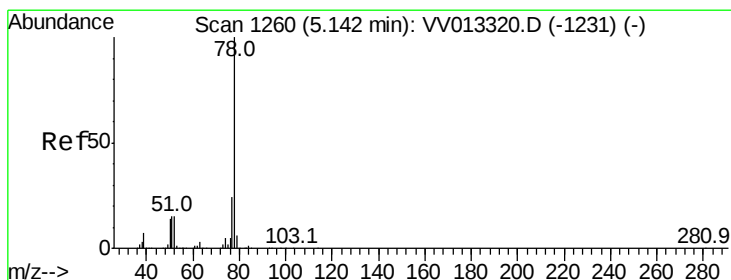
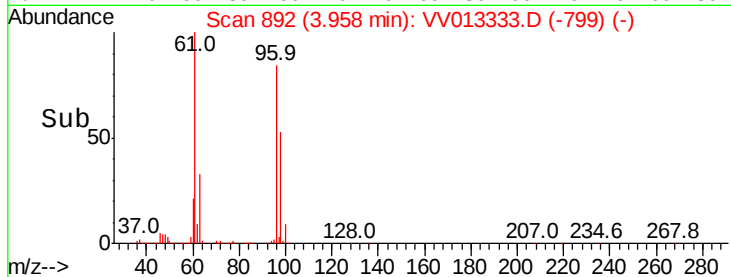
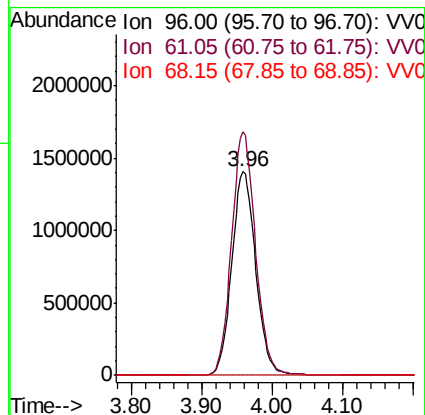
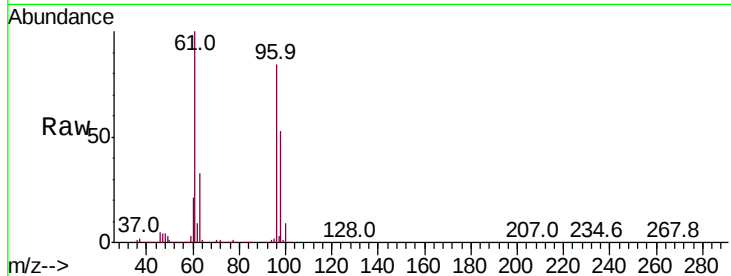


#22

cis-1,2-Dichloroethene
 Concen: 83.927 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV013333.D
 Acq: 24 Oct 2019 23:19

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G16

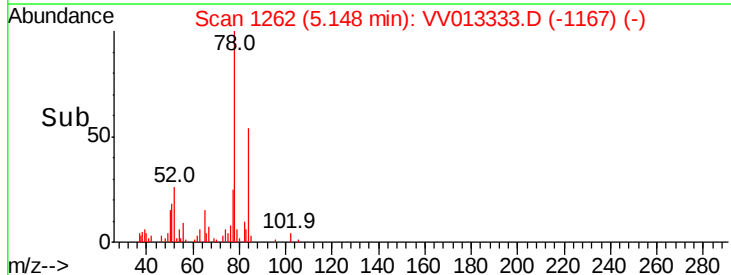
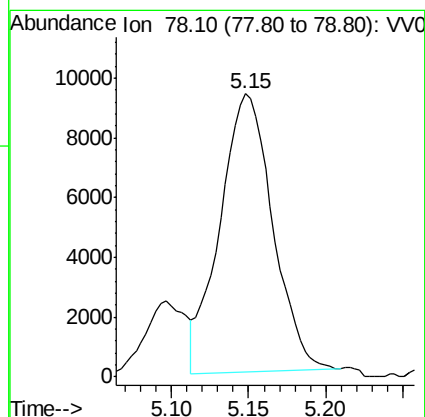
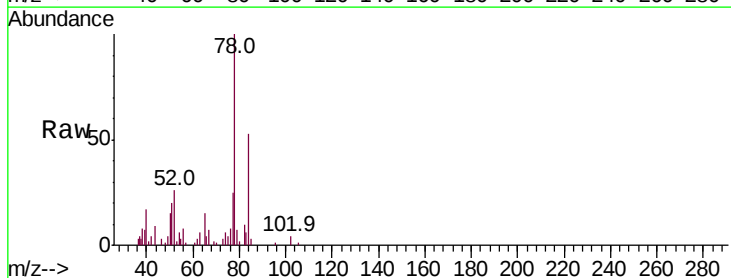
Tot Ion: 96 Resp: 3344529
 Ion Ratio Lower Upper
 96 100
 61 119.5 77.3 143.7
 68 0.0 0.1 0.1#

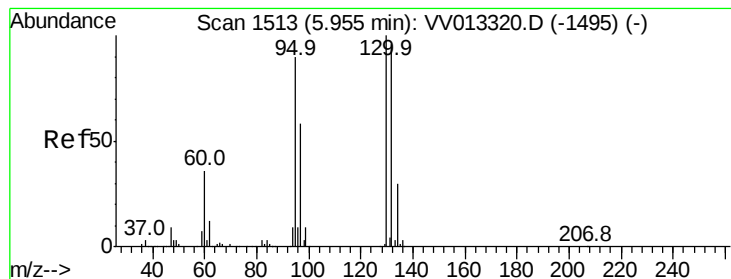


#33

Benzene
 Concen: 0.133 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: VV013333.D
 Acq: 24 Oct 2019 23:19

Tgt Ion: 78 Resp: 22048





#34

Trichloroethene

Concen: 18.363 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013333.D

Acq: 24 Oct 2019 23:19

Instrument :
MSVOA_V
ClientSampleId :
H0G16

Tot Ion: 95 Resp: 814336

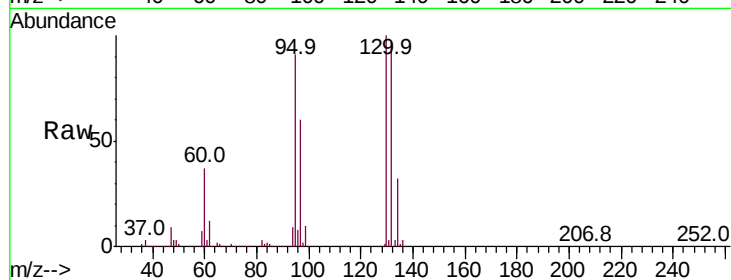
Ion Ratio Lower Upper

95 100

97 66.2 45.2 84.0

132 107.4 70.6 131.2

130 110.4 75.5 140.3



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

