

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013329.D
 Acq On : 24 Oct 2019 21:45
 Operator : SY/MD
 Sample : K5462-14
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G11

Quant Time: Oct 25 05:33:43 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	420603	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	444378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	239148	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154893	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.59	69	132186	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	193739	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.94	46	381337	64.04	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.08%
24) Chloroform-d	4.40	84	339692	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	163860	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	694429	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	211560	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	577947	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.66	79	60373	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.13	63	198028	33.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	149813	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	247175	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

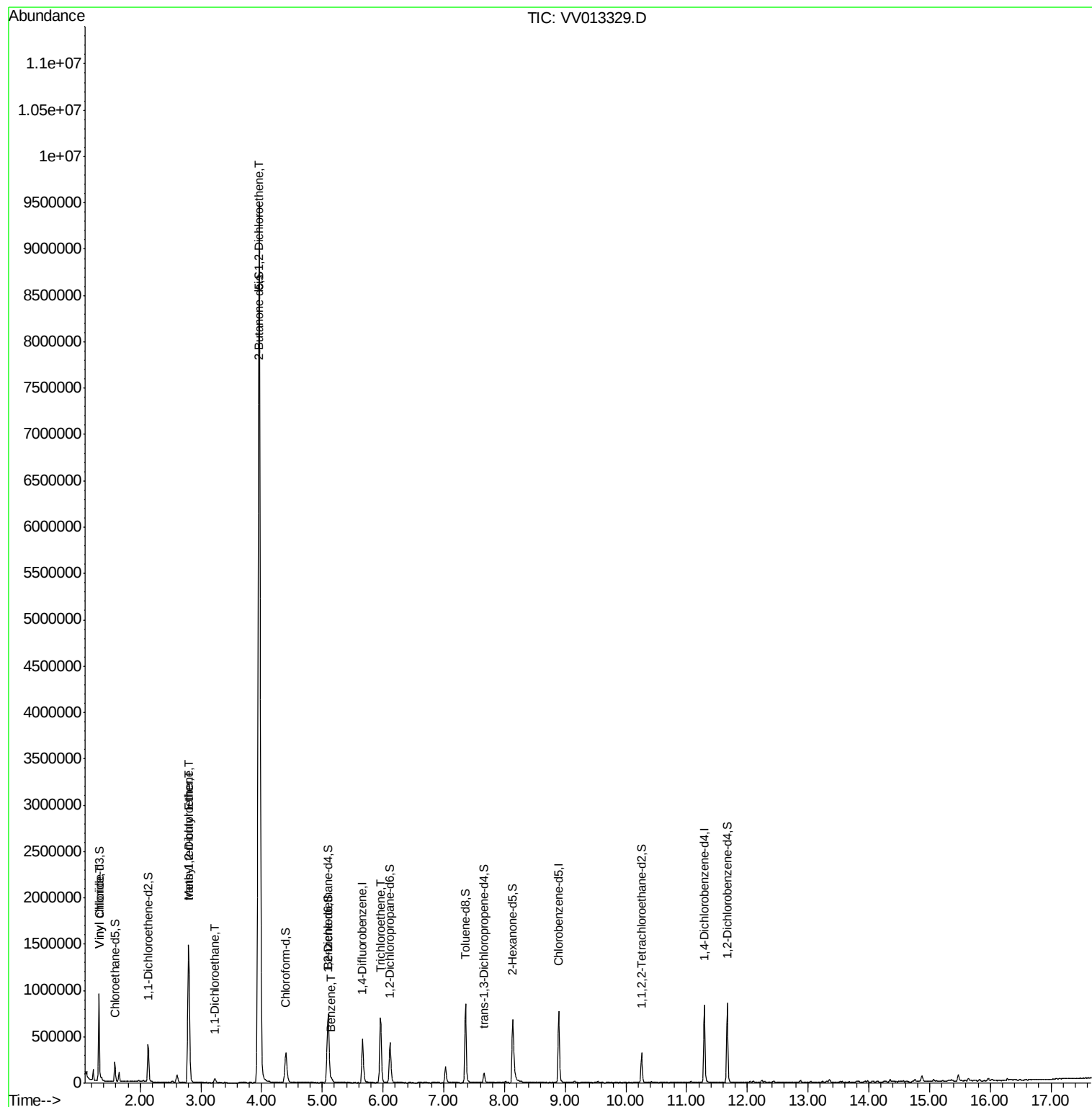
					Ovalue
5) Vinyl chloride	1.33	62	350197	8.627	ug/L 100
17) Methyl tert-butyl Ether	2.80	73	830077	10.838	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	302103	7.749	ug/L 95
19) 1,1-Dichloroethane	3.23	63	44071	0.696	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	5555986	133.155	ug/L # 93
33) Benzene	5.15	78	37862	0.223	ug/L 100
34) Trichloroethene	5.96	95	239294	5.256	ug/L 98

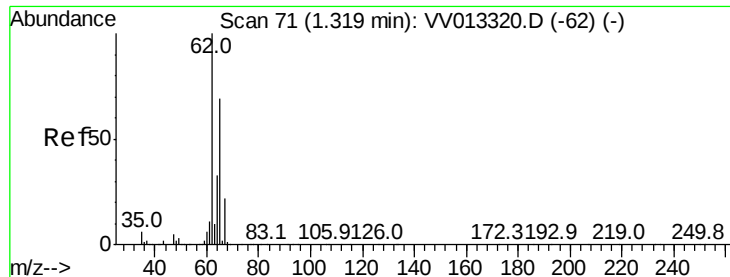
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.627 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.01 min

Lab File: VV013329.D

Acq: 24 Oct 2019 21:45

Instrument :

MSVOA_V

ClientSampleId :

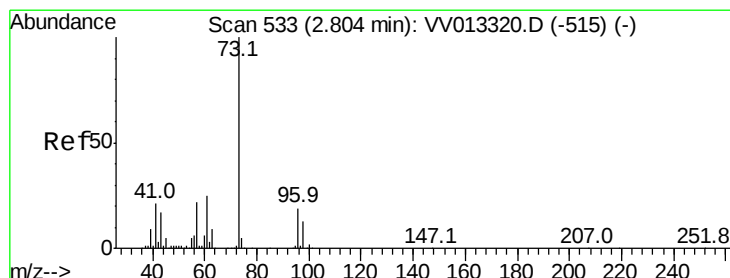
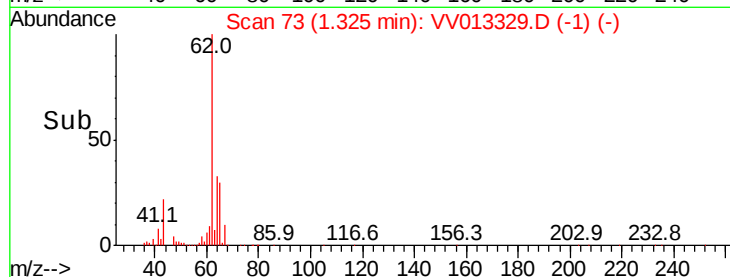
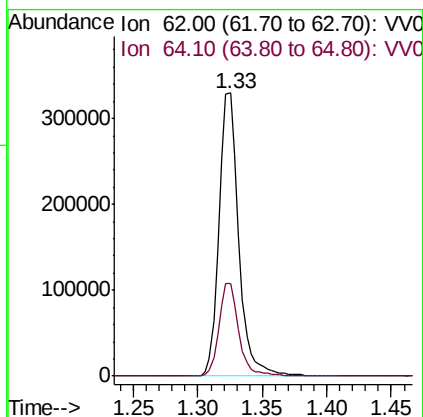
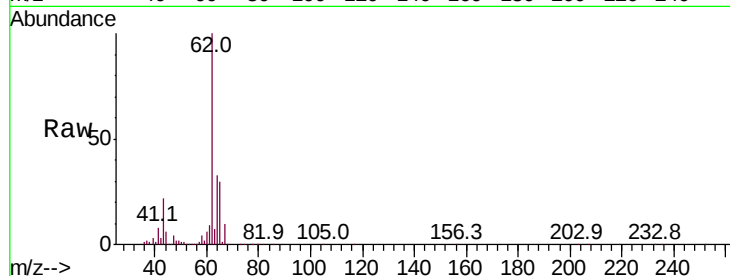
H0G11

Tot Ion: 62 Resp: 350197

Ion Ratio Lower Upper

62 100

64 32.8 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 10.838 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV013329.D

Acq: 24 Oct 2019 21:45

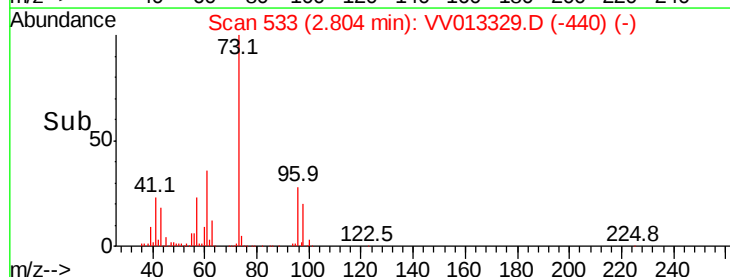
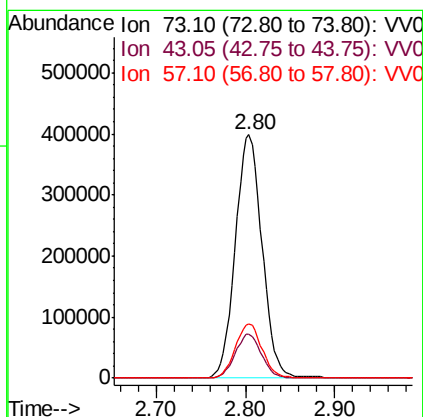
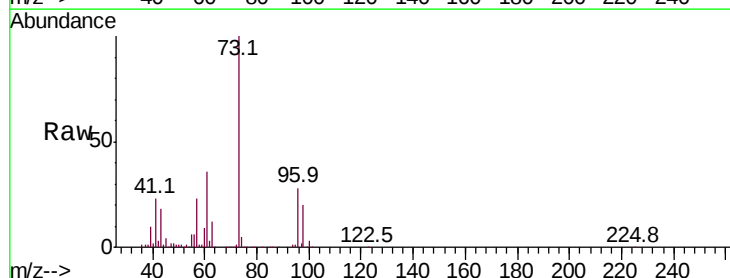
Tgt Ion: 73 Resp: 830077

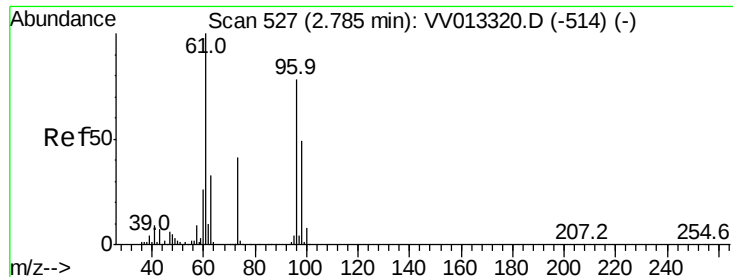
Ion Ratio Lower Upper

73 100

43 17.7 13.1 19.7

57 22.2 16.4 24.6





#18

trans-1,2-Dichloroethene

Concen: 7.749 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV013329.D

Acq: 24 Oct 2019 21:45

Instrument :
MSVOA_V
ClientSampleId :
H0G11

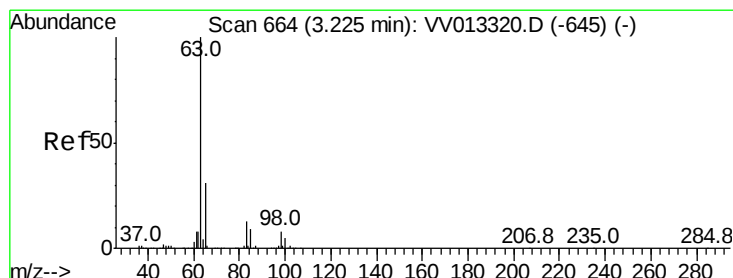
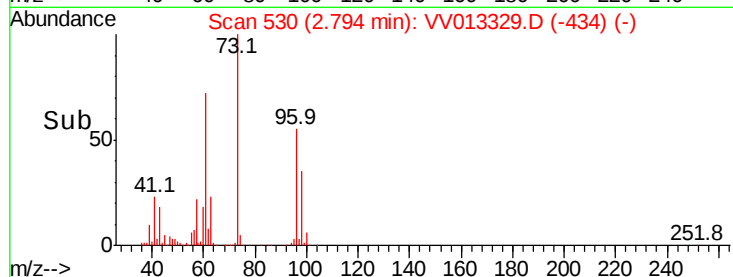
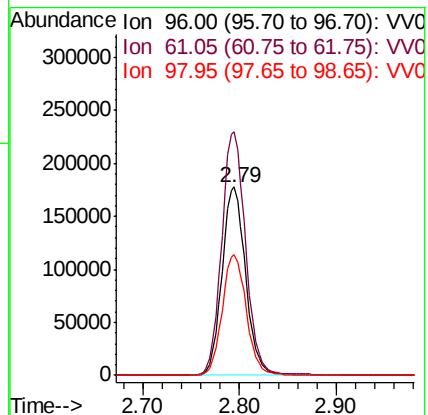
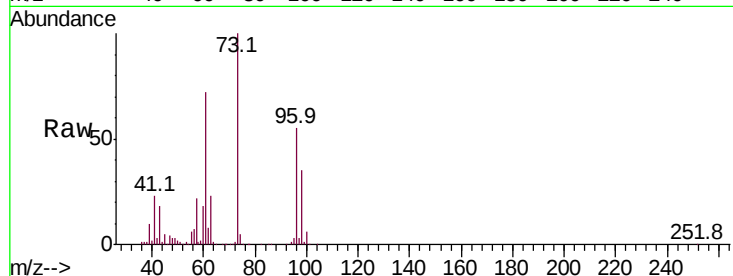
Tot Ion: 96 Resp: 302103

Ion Ratio Lower Upper

96 100

61 129.3 84.4 156.8

98 63.9 44.4 82.4



#19

1,1-Dichloroethane

Concen: 0.696 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.01 min

Lab File: VV013329.D

Acq: 24 Oct 2019 21:45

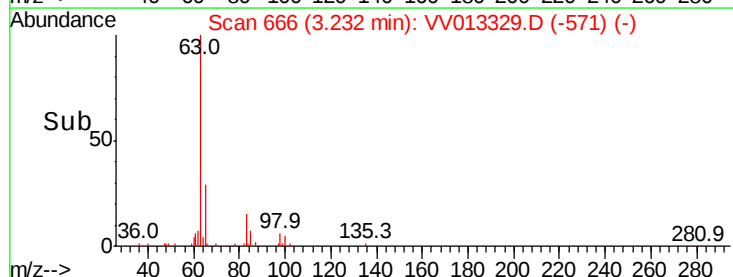
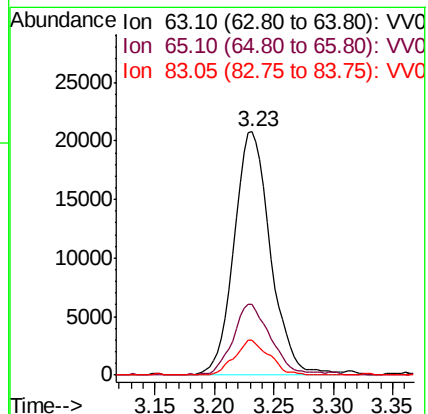
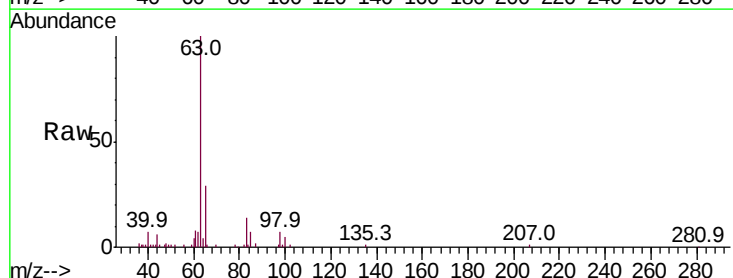
Tgt Ion: 63 Resp: 44071

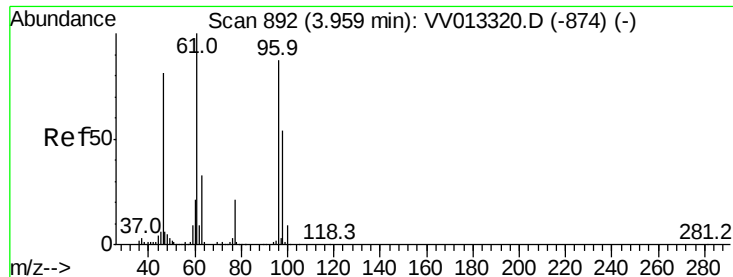
Ion Ratio Lower Upper

63 100

65 28.9 23.0 42.8

83 14.4 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 133.155 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV013329.D

Acq: 24 Oct 2019 21:45

Instrument :

MSVOA_V

ClientSampleId :

H0G11

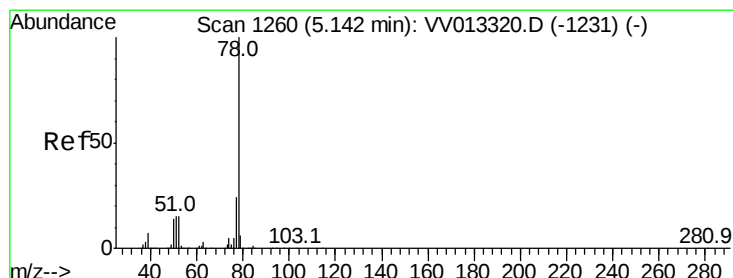
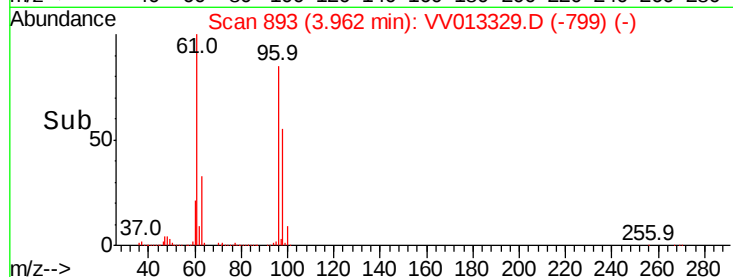
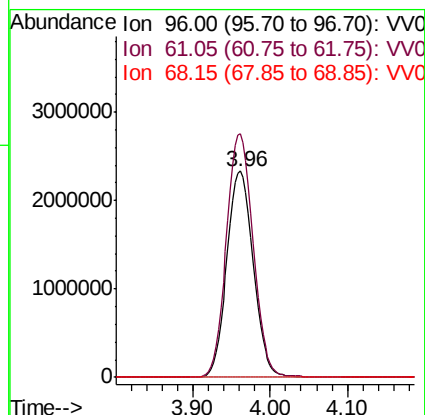
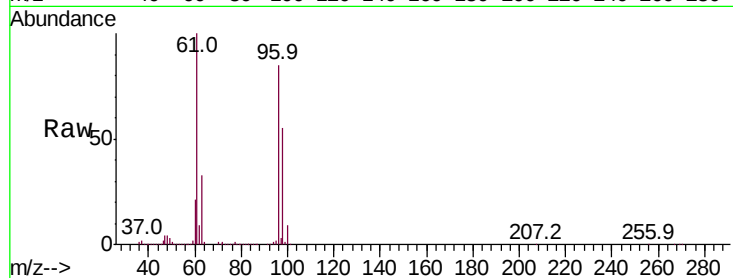
Tot Ion: 96 Resp: 5555986

Ion Ratio Lower Upper

96 100

61 118.0 77.3 143.7

68 0.0 0.1 0.1#



#33

Benzene

Concen: 0.223 ug/L

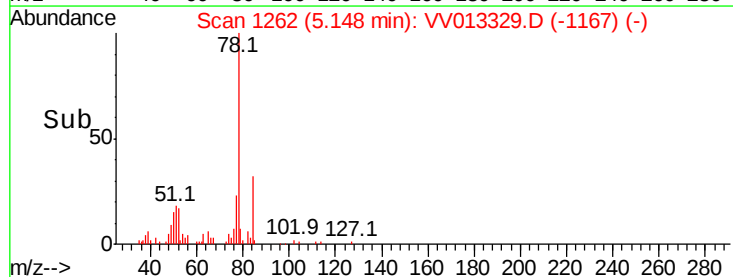
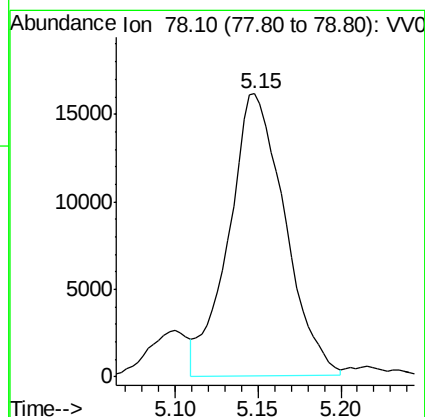
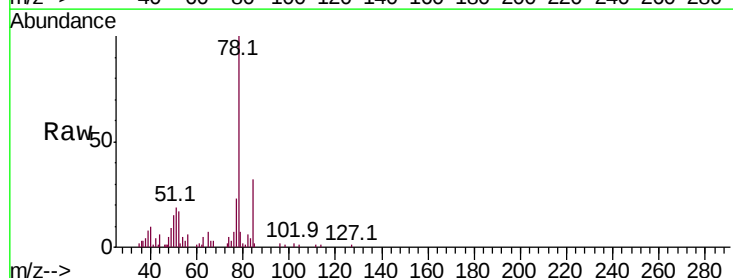
RT: 5.15 min Scan# 1262

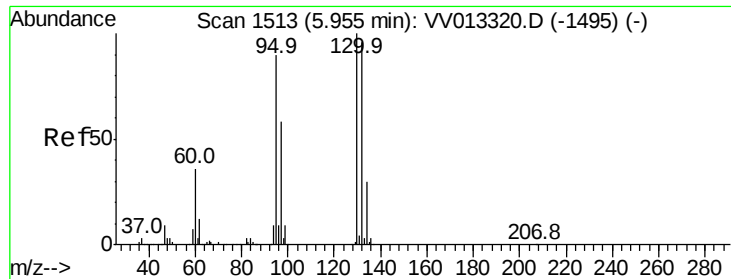
Delta R.T. 0.01 min

Lab File: VV013329.D

Acq: 24 Oct 2019 21:45

Tgt Ion: 78 Resp: 37862





#34

Trichloroethene

Concen: 5.256 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013329.D

Acq: 24 Oct 2019 21:45

Instrument :
MSVOA_V
ClientSampleId :
H0G11

Tot Ion: 95 Resp: 239294

Ion Ratio Lower Upper

95 100

97 64.4 45.2 84.0

132 105.8 70.6 131.2

130 106.5 75.5 140.3

