

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102119\
 Data File : VV013259.D
 Acq On : 21 Oct 2019 22:10
 Operator : SY/MD
 Sample : K5462-01
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G22

Quant Time: Oct 22 04:40:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 03:42:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	430906	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	457691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	229822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167163	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	140954	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.13	63	211507	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.96	46	390690	64.04	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.08%
24) Chloroform-d	4.40	84	374194	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.08	65	176382	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.09	84	757554	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	231597	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	636478	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	76174	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	272342	45.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155260	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	246023	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

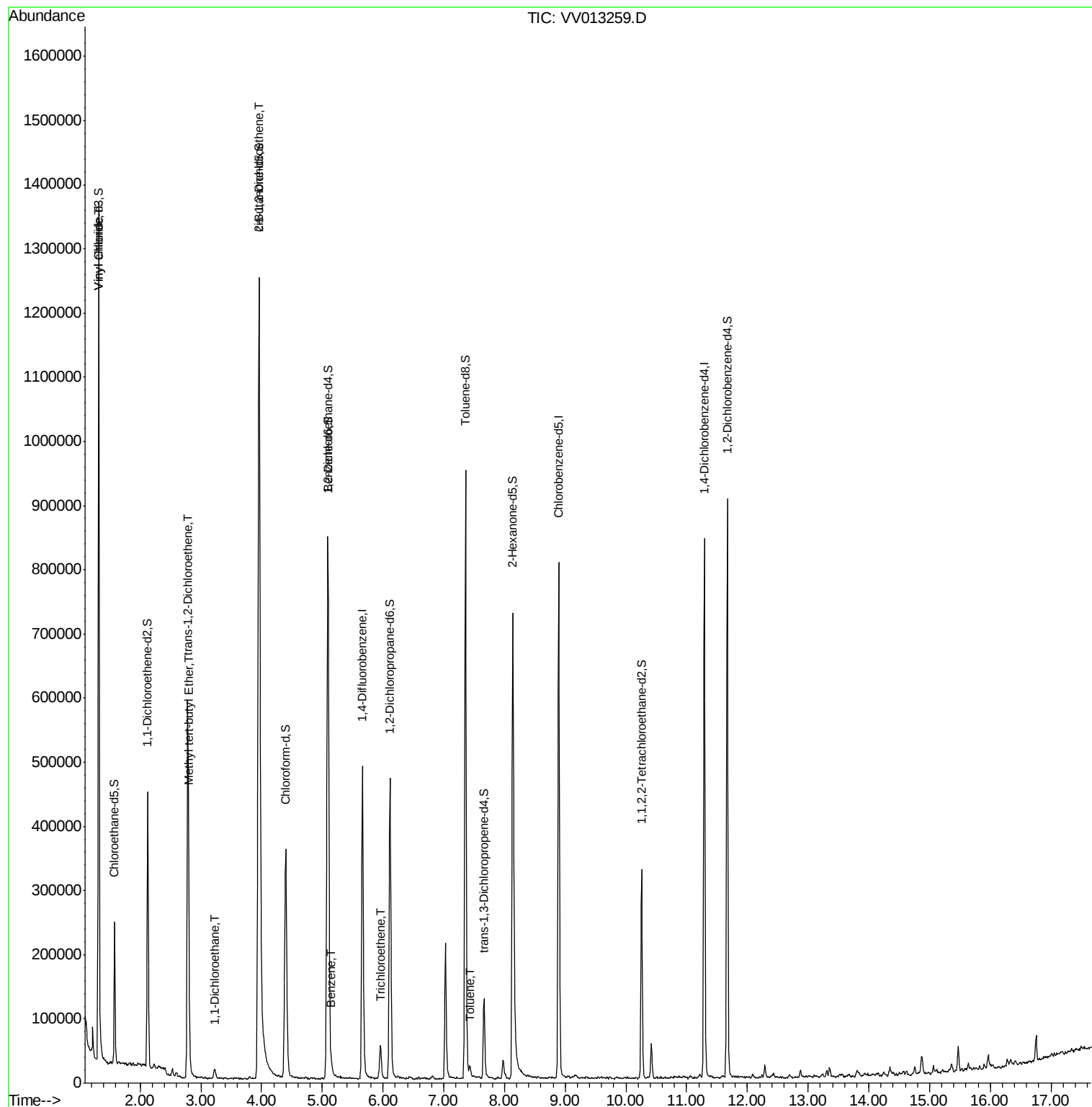
					Ovalue
5) Vinyl chloride	1.32	62	715231	17.199	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	49829	0.635	ug/L 95
18) trans-1,2-Dichloroethene	2.78	96	220499	5.521	ug/L 91
19) 1,1-Dichloroethane	3.23	63	13407	0.207	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	676394	15.823	ug/L # 86
33) Benzene	5.15	78	11446	0.065	ug/L 100
34) Trichloroethene	5.96	95	15454	0.330	ug/L 95
42) Toluene	7.43	91	11749	0.064	ug/L 93

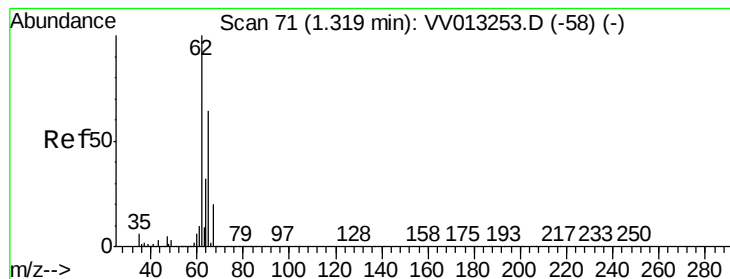
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 22 03:42:02 2019
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#5

Vinyl chloride

Concen: 17.199 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV013259.D

Acq: 21 Oct 2019 22:10

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ClientSampleId :

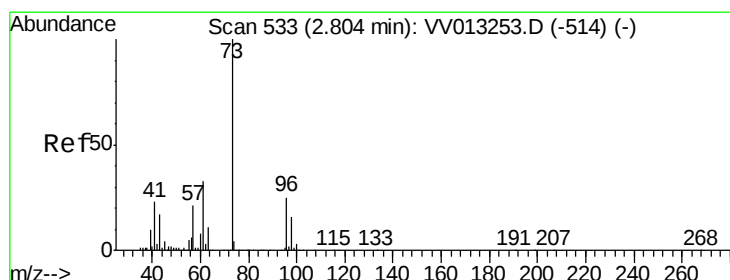
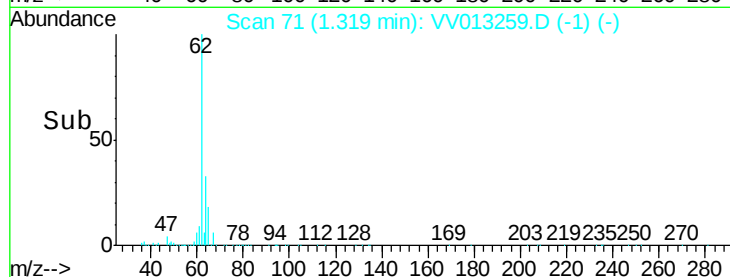
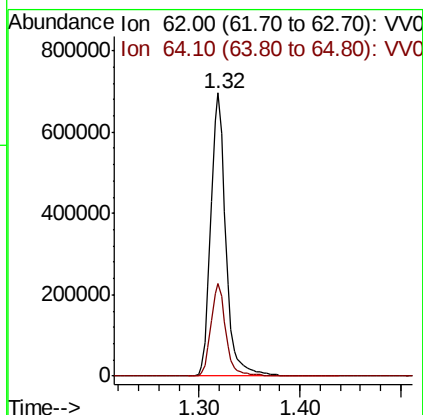
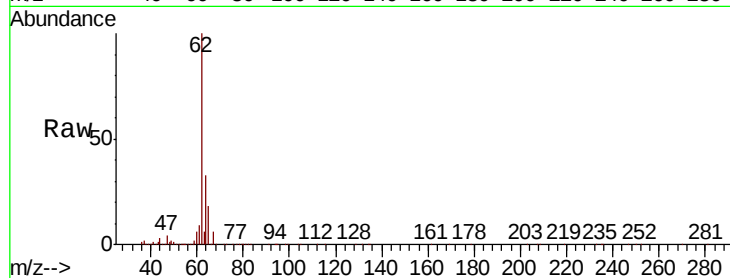
H0G22

Tot Ion: 62 Resp: 715231

Ion Ratio Lower Upper

62 100

64 32.8 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 0.635 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV013259.D

Acq: 21 Oct 2019 22:10

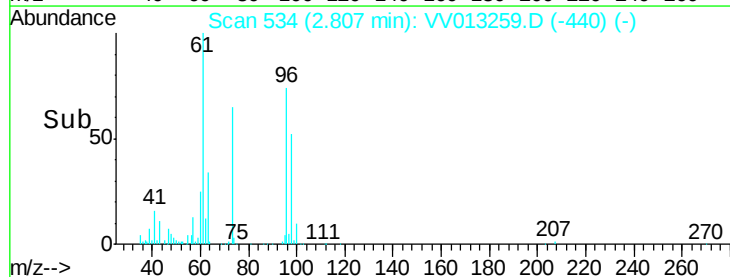
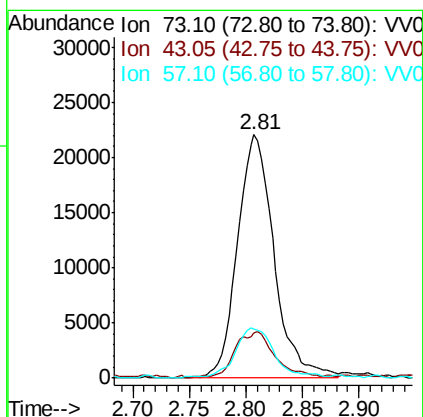
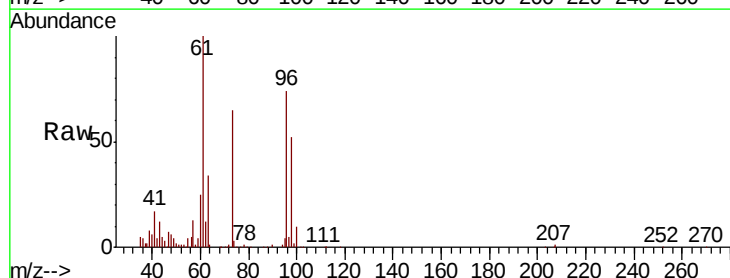
Tgt Ion: 73 Resp: 49829

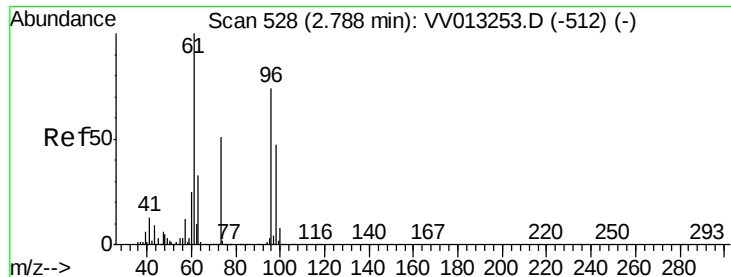
Ion Ratio Lower Upper

73 100

43 19.6 13.1 19.7

57 22.0 16.4 24.6





#18

trans-1,2-Dichloroethene

Concen: 5.521 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV013259.D

Acq: 21 Oct 2019 22:10

Instrument :

MSVOA_V

ClientSampleId :

H0G22

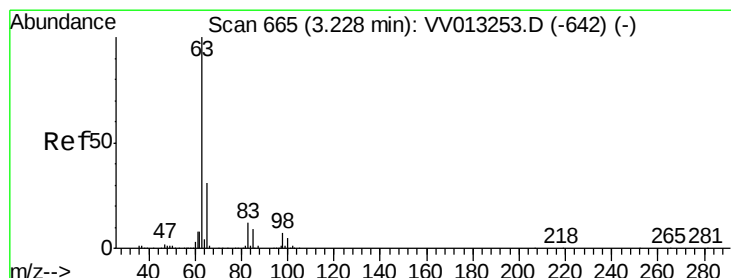
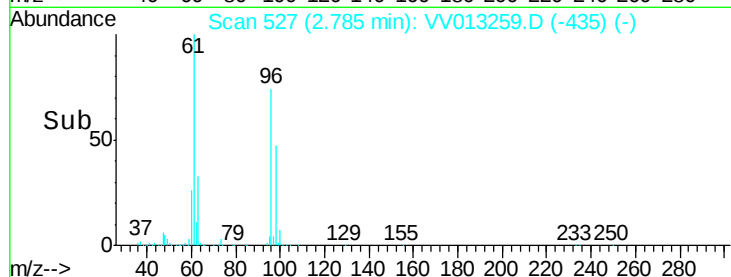
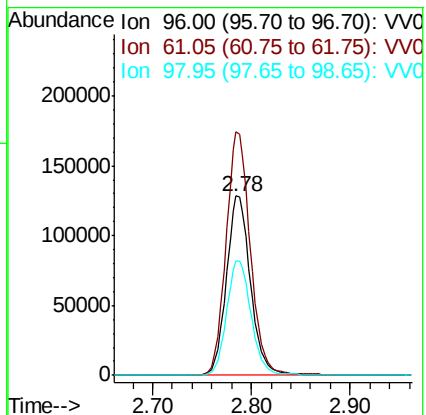
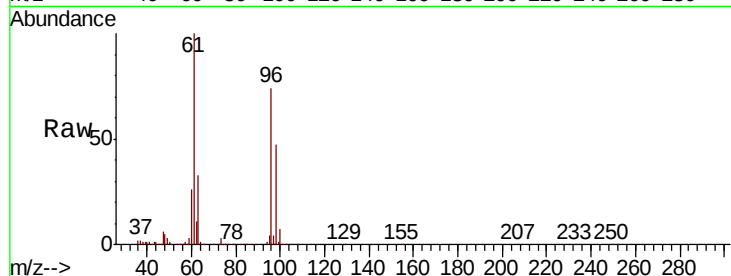
Tot Ion: 96 Resp: 220499

Ion Ratio Lower Upper

96 100

61 136.0 84.4 156.8

98 63.8 44.4 82.4



#19

1,1-Dichloroethane

Concen: 0.207 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV013259.D

Acq: 21 Oct 2019 22:10

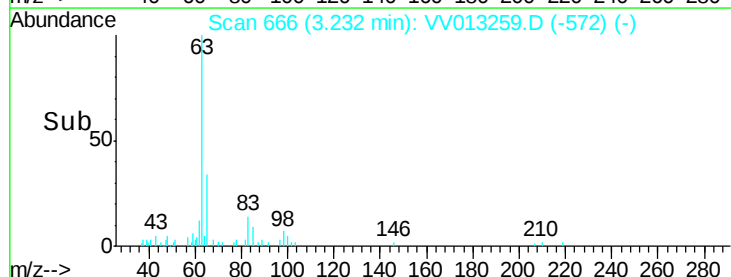
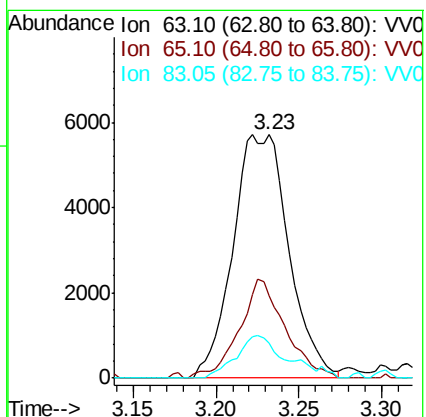
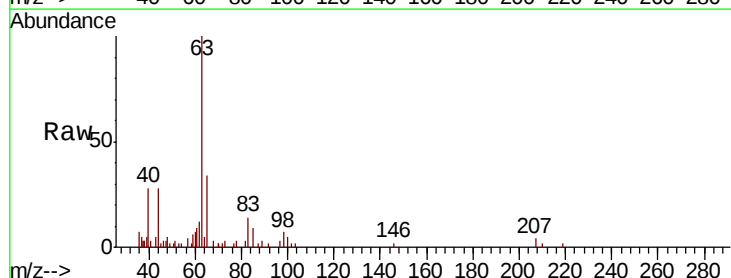
Tgt Ion: 63 Resp: 13407

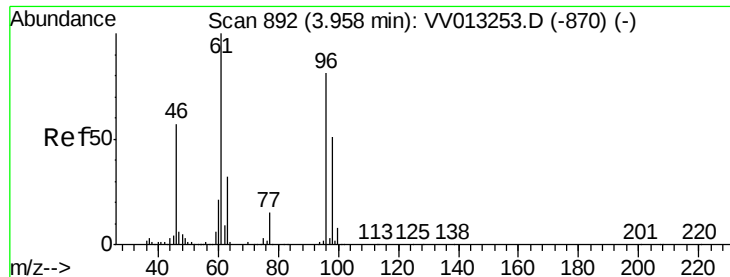
Ion Ratio Lower Upper

63 100

65 34.0 23.0 42.8

83 14.3 10.2 19.0



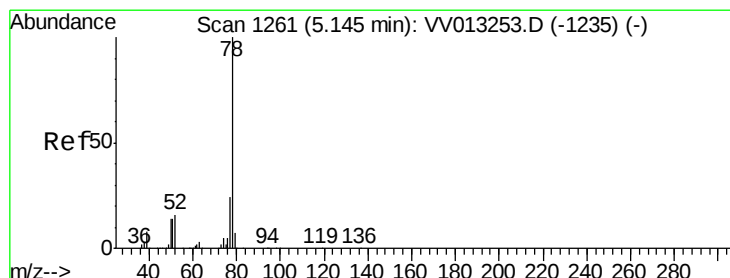
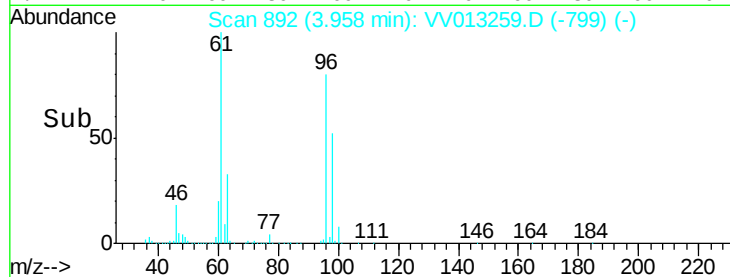
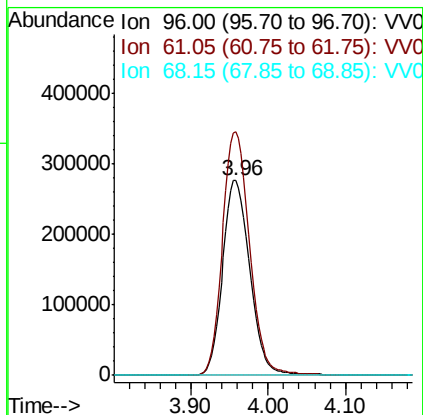
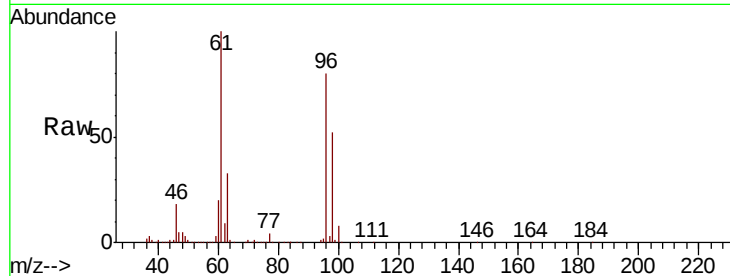


#22

cis-1,2-Dichloroethene
Concen: 15.823 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013259.D
Acq: 21 Oct 2019 22:10

Instrument :
MSVOA_V
ClientSampleId :
H0G22

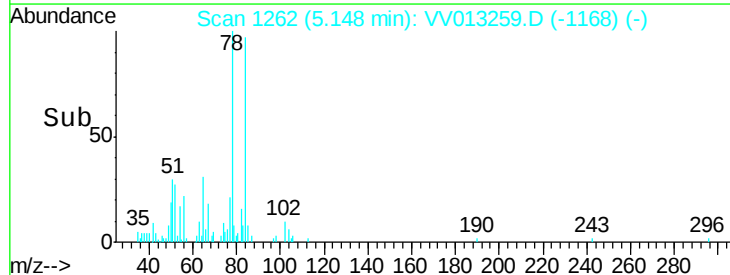
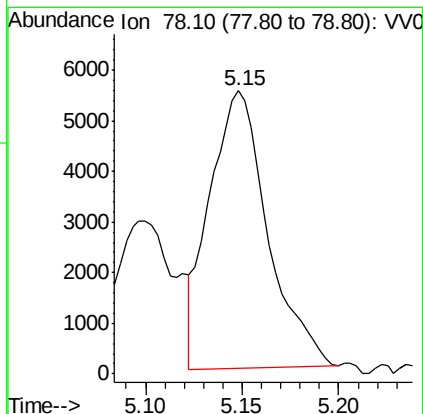
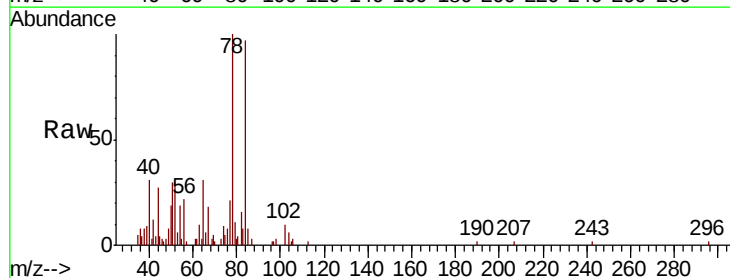
Tot Ion: 96 Resp: 676394
Ion Ratio Lower Upper
96 100
61 124.9 77.3 143.7
68 0.0 0.1 0.1#

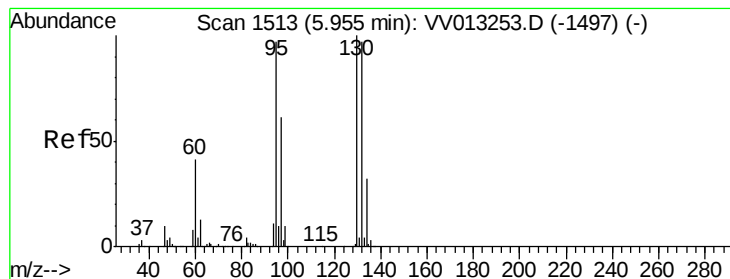


#33

Benzene
Concen: 0.065 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV013259.D
Acq: 21 Oct 2019 22:10

Tgt Ion: 78 Resp: 11446





#34

Trichloroethene

Concen: 0.330 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013259.D

Acq: 21 Oct 2019 22:10

Instrument :

MSVOA_V

ClientSampleId :

H0G22

Tot Ion: 95 Resp: 15454

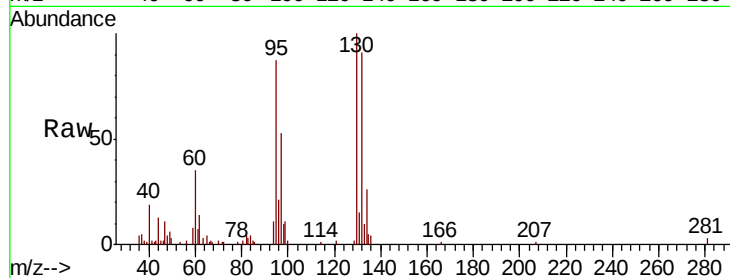
Ion Ratio Lower Upper

95 100

97 60.3 45.2 84.0

132 104.6 70.6 131.2

130 114.7 75.5 140.3

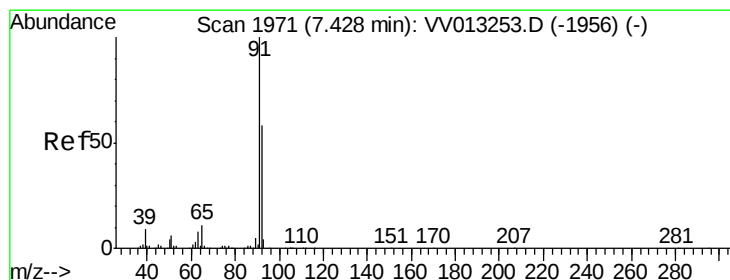
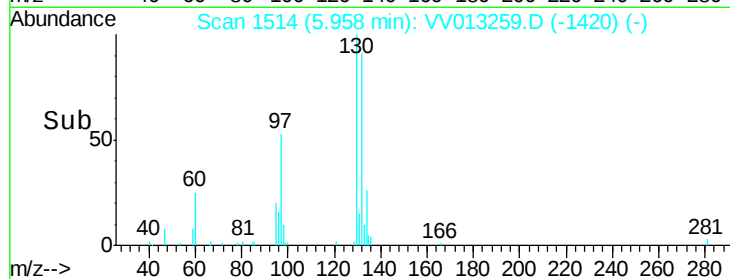
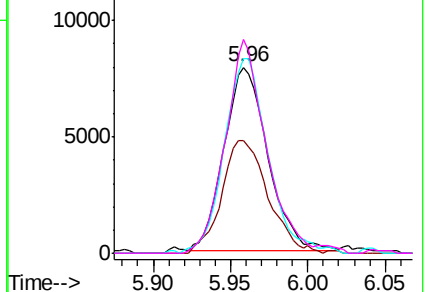


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#42

Toluene

Concen: 0.064 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013259.D

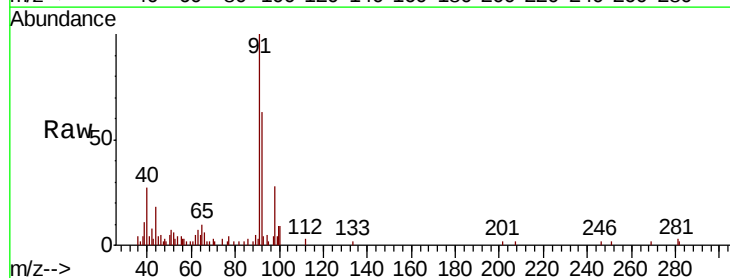
Acq: 21 Oct 2019 22:10

Tgt Ion: 91 Resp: 11749

Ion Ratio Lower Upper

91 100

92 63.1 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

