

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013355.D
 Acq On : 25 Oct 2019 19:19
 Operator : SY/MD
 Sample : K5462-14DL 10X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G11DL

Quant Time: Oct 26 02:07:26 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	411429	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	439632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	245453	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184059	6.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.40%
7) Chloroethane-d5	1.58	69	129985	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.12	63	221737	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	3.95	46	397027	68.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.32%#
24) Chloroform-d	4.40	84	351223	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	173645	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.09	84	790714	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.11	67	229403	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	676473	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.66	79	77157	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.14	63	253799	43.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	146095	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	278092	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

Target Compounds

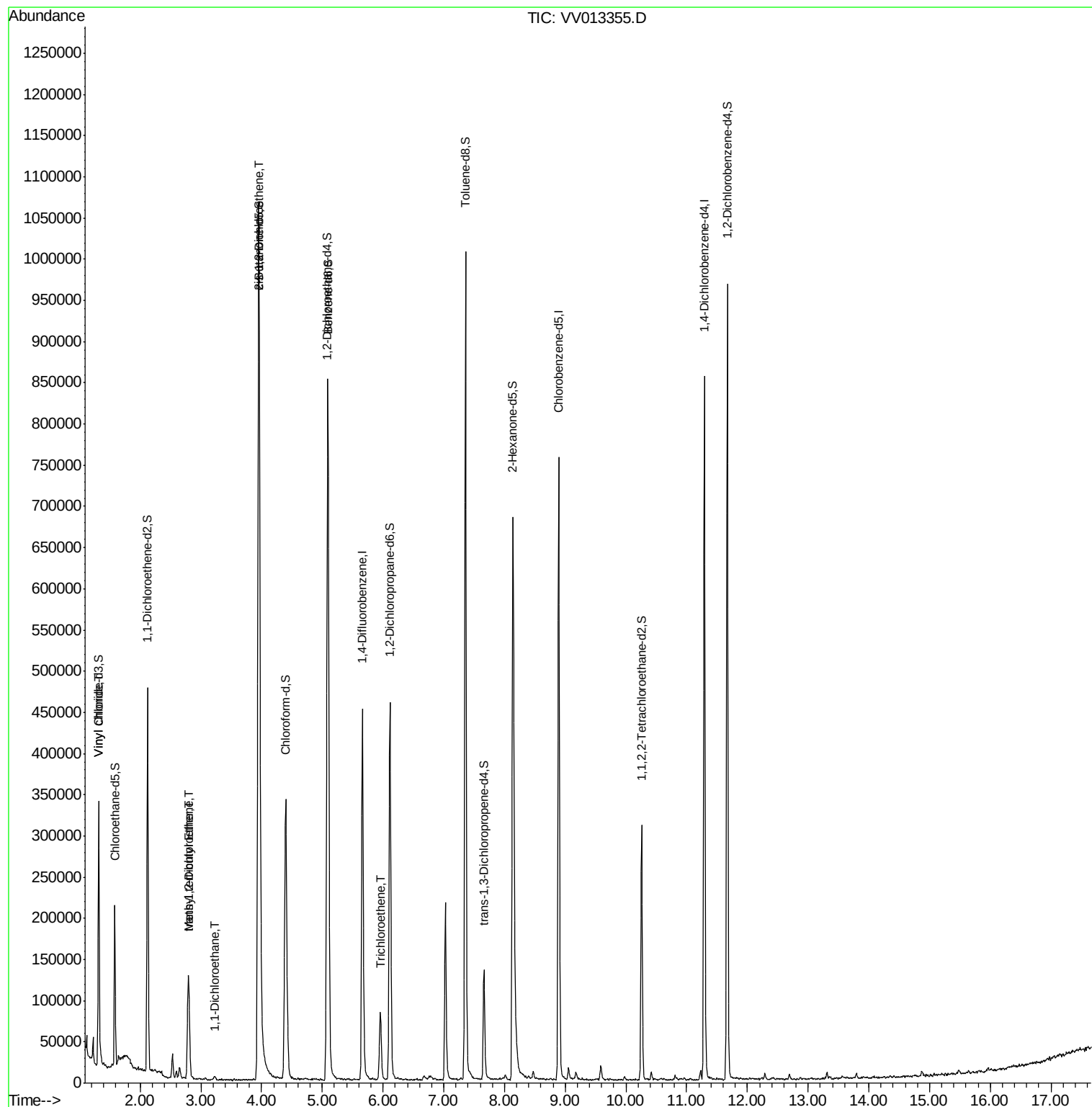
					Ovalue
5) Vinyl chloride	1.32	62	34305	0.864	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	79773	1.065	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	29946	0.785	ug/L 95
19) 1,1-Dichloroethane	3.23	63	4698	0.076	ug/L # 88
22) cis-1,2-Dichloroethene	3.96	96	521972	12.789	ug/L # 93
34) Trichloroethene	5.96	95	24087	0.535	ug/L 94

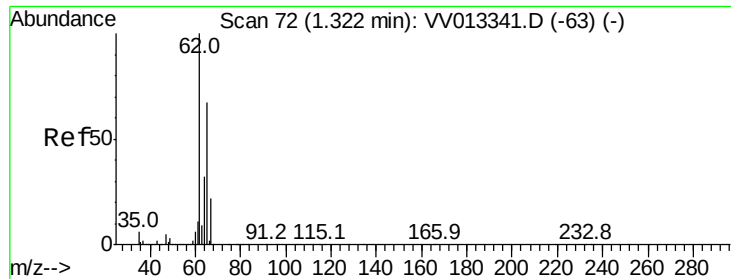
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.864 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

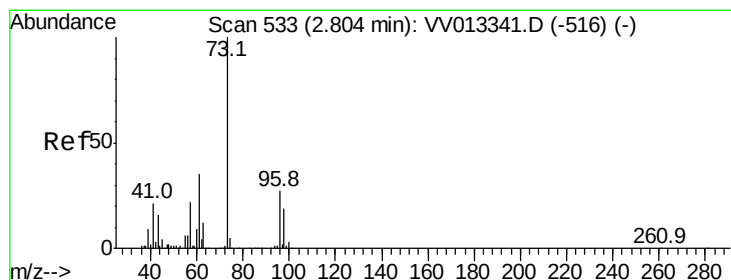
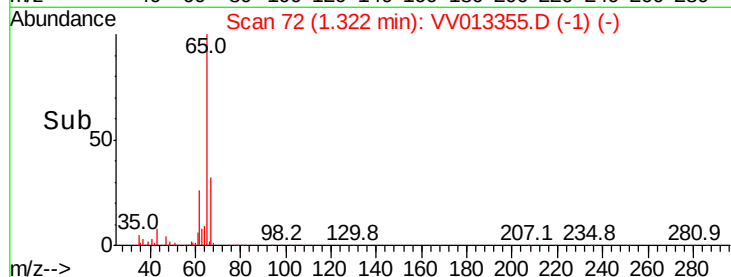
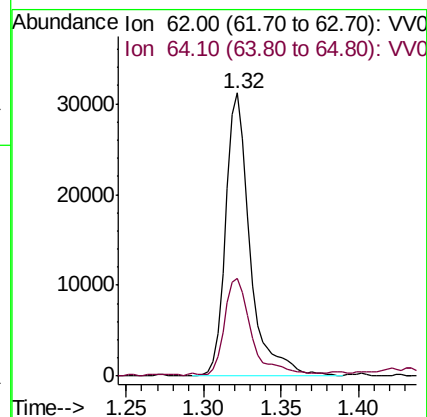
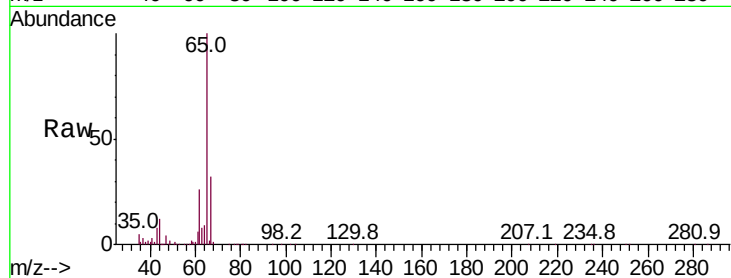
H0G11DL

Tot Ion: 62 Resp: 34305

Ion Ratio Lower Upper

62 100

64 34.5 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 1.065 ug/L

RT: 2.80 min Scan# 533

Delta R.T. 0.00 min

Lab File: VV013355.D

Acq: 25 Oct 2019 19:19

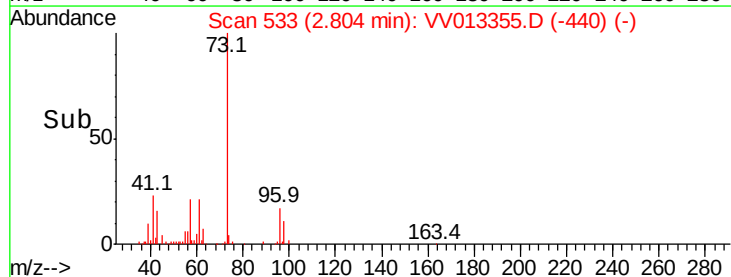
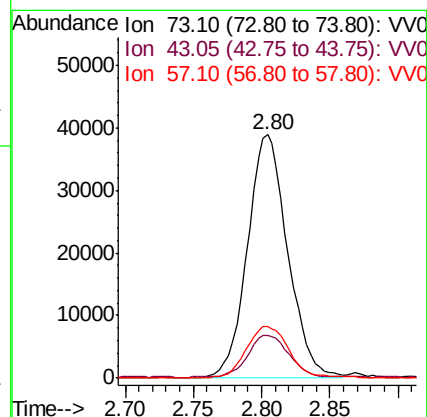
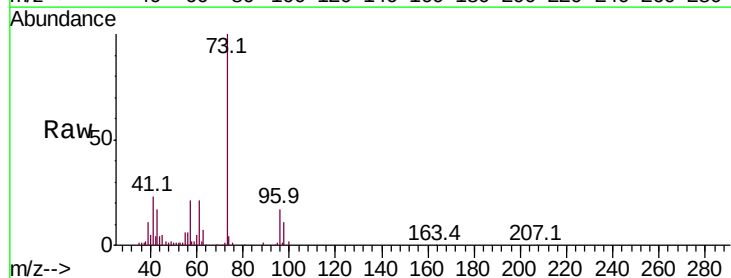
Tgt Ion: 73 Resp: 79773

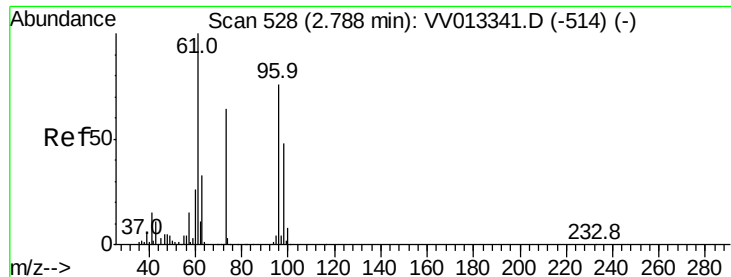
Ion Ratio Lower Upper

73 100

43 17.3 13.1 19.7

57 22.3 16.4 24.6





#18

trans-1,2-Dichloroethene

Concen: 0.785 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV013355.D

Acq: 25 Oct 2019 19:19

Instrument :

MSVOA_V

ClientSampleId :

H0G11DL

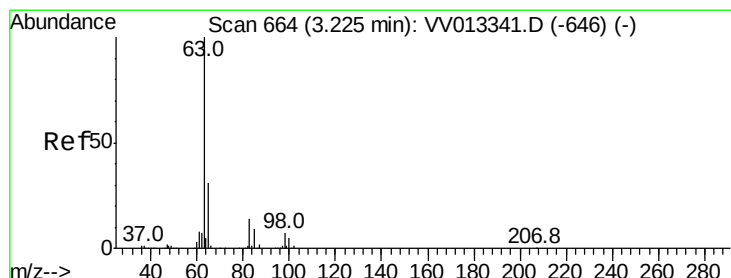
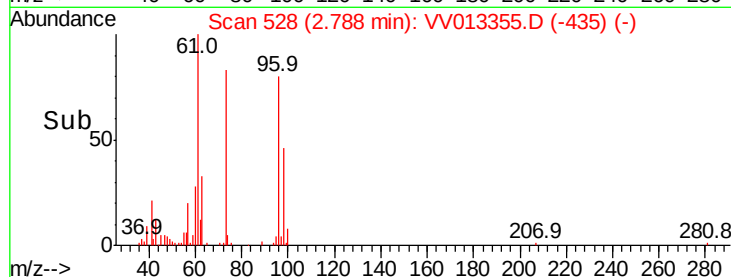
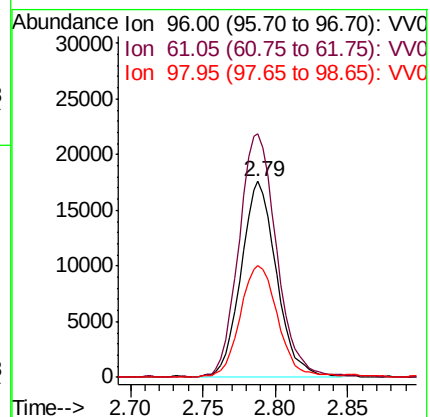
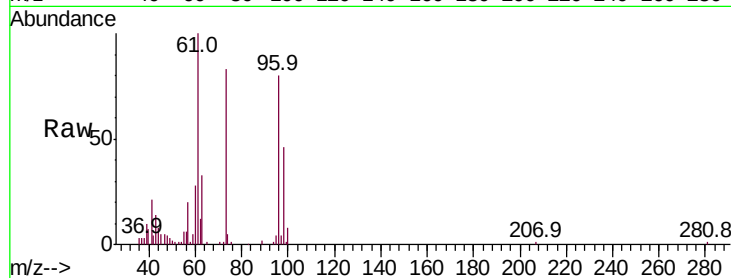
Tot Ion: 96 Resp: 29946

Ion Ratio Lower Upper

96 100

61 124.2 84.4 156.8

98 57.2 44.4 82.4



#19

1,1-Dichloroethane

Concen: 0.076 ug/L

RT: 3.23 min Scan# 664

Delta R.T. -0.00 min

Lab File: VV013355.D

Acq: 25 Oct 2019 19:19

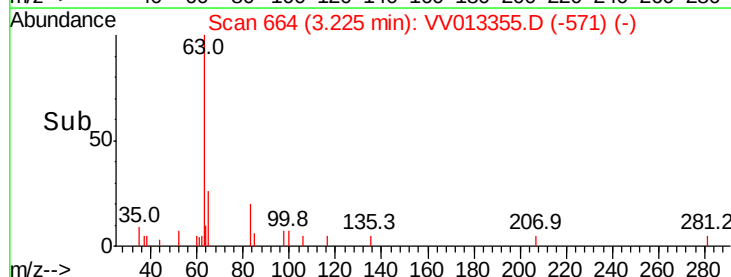
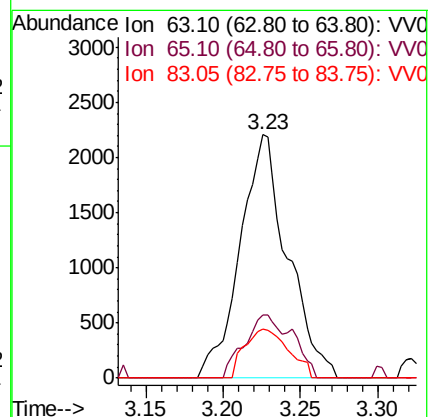
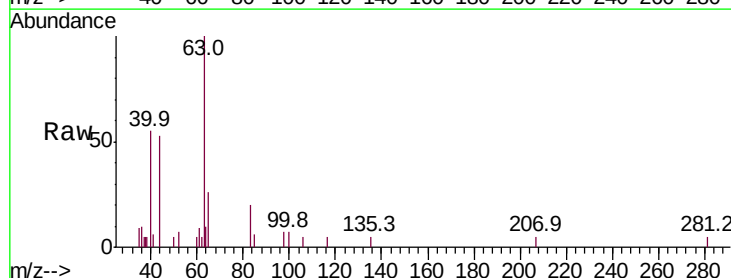
Tgt Ion: 63 Resp: 4698

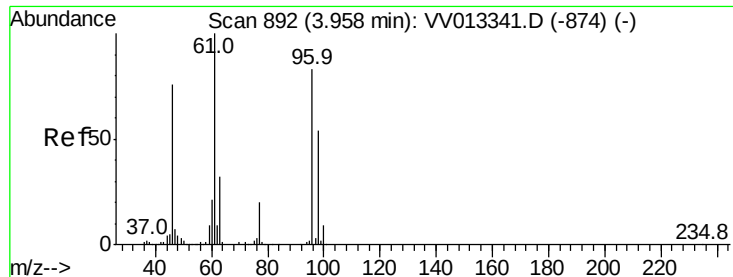
Ion Ratio Lower Upper

63 100

65 26.2 23.0 42.8

83 20.0 10.2 19.0#



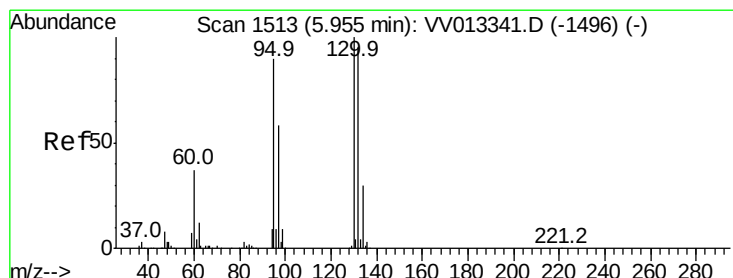
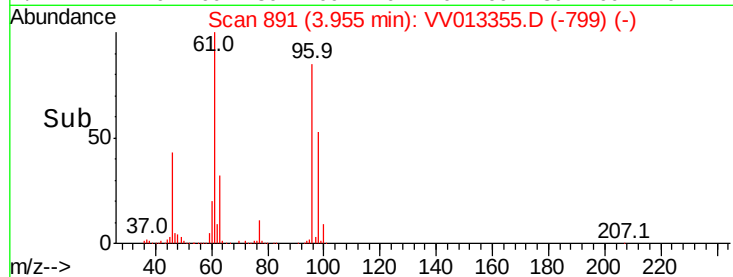
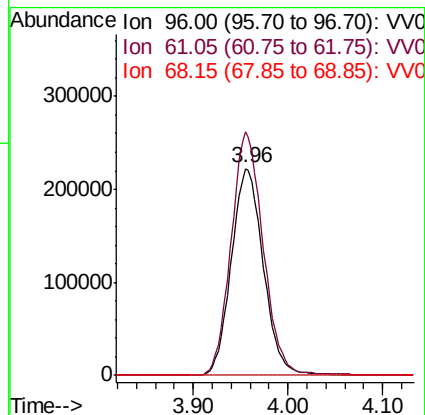
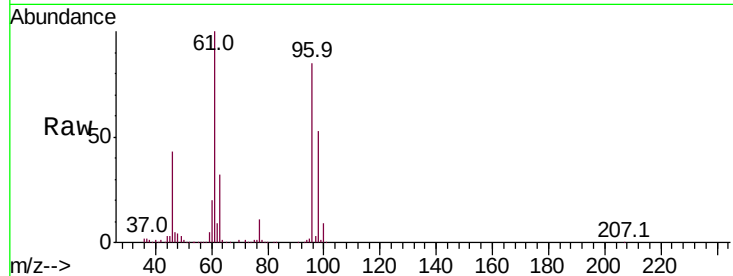


#22

cis-1,2-Dichloroethene
Concen: 12.789 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV013355.D
Acq: 25 Oct 2019 19:19

Instrument :
MSVOA_V
ClientSampleId :
H0G11DL

Tot Ion: 96 Resp: 521972
Ion Ratio Lower Upper
96 100
61 117.9 77.3 143.7
68 0.0 0.1 0.1#



#34

Trichloroethene
Concen: 0.535 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013355.D
Acq: 25 Oct 2019 19:19

Tgt Ion: 95 Resp: 24087
Ion Ratio Lower Upper
95 100
97 62.8 45.2 84.0
132 107.8 70.6 131.2
130 115.4 75.5 140.3

