

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013363.D
 Acq On : 25 Oct 2019 22:31
 Operator : SY/MD
 Sample : K5462-19DL 5X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G17DL

Quant Time: Oct 26 03:15:23 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	395618	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	435521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	228003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	170142	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.58	69	140496	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.13	63	204474	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.96	46	382486	68.28	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.56%#
24) Chloroform-d	4.40	84	343162	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	167538	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	745217	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	220074	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	630407	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	71551	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	235414	41.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	140689	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	257829	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

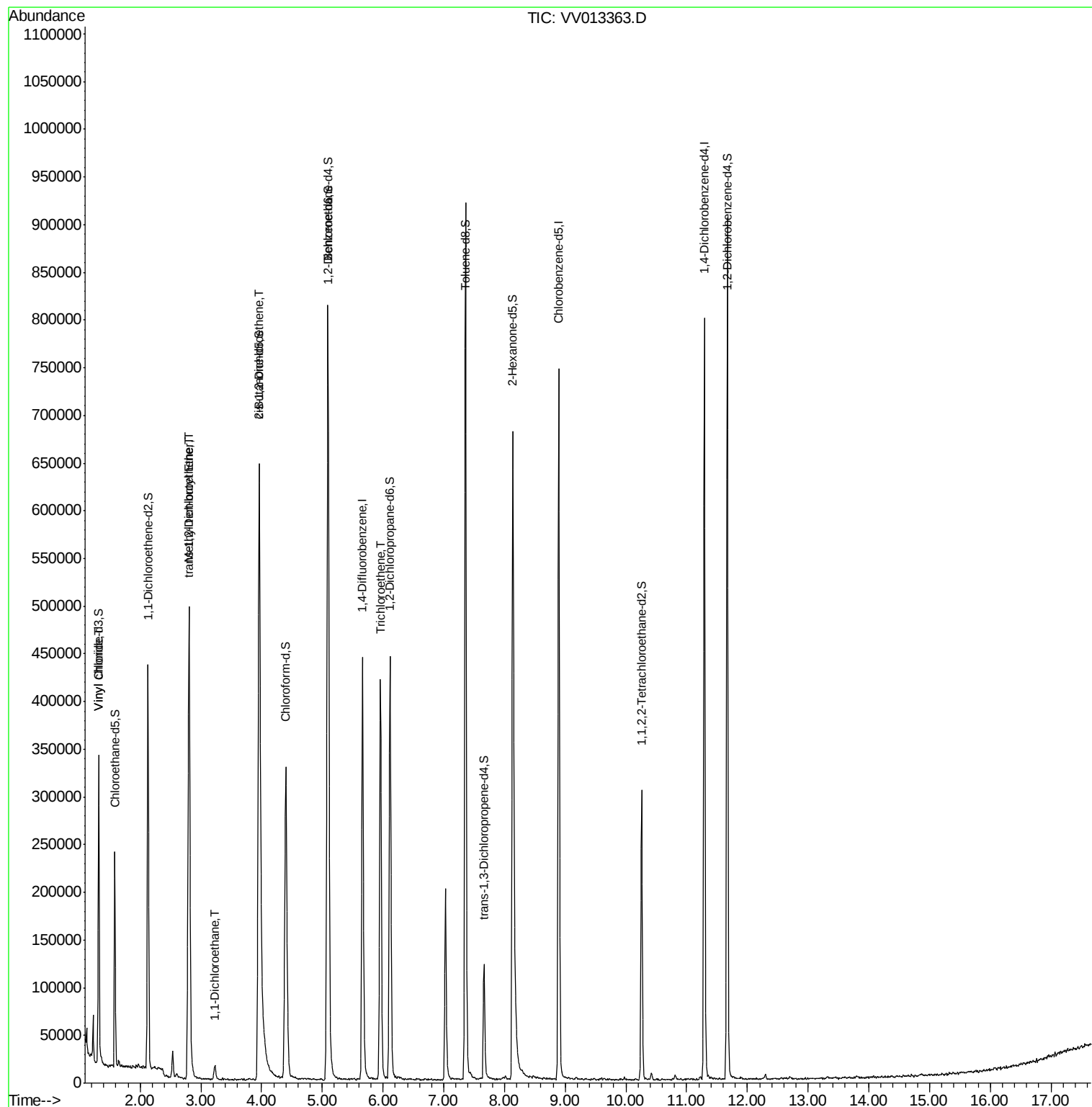
					Ovalue
5) Vinyl chloride	1.32	62	27298	0.715	ug/L 88
17) Methyl tert-butyl Ether	2.81	73	479763	6.660	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	33419	0.911	ug/L 89
19) 1,1-Dichloroethane	3.23	63	14750	0.247	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	307304	7.830	ug/L # 96
34) Trichloroethene	5.96	95	137433	3.080	ug/L 96

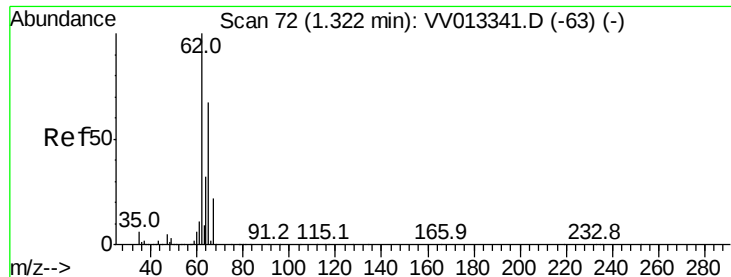
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.715 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

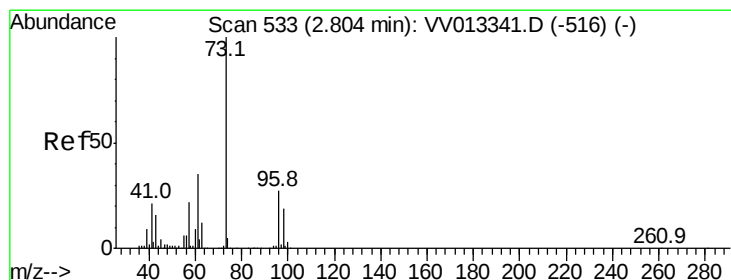
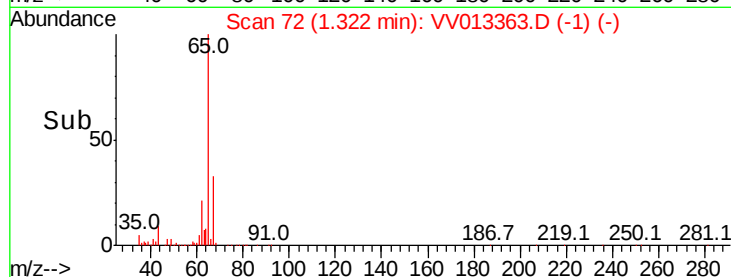
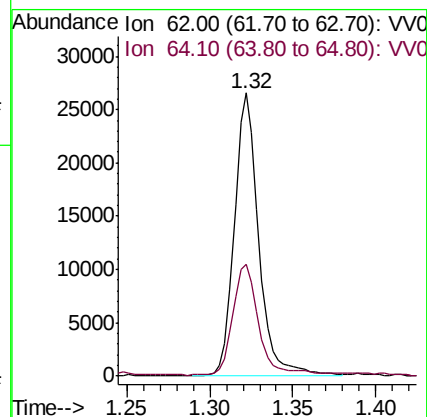
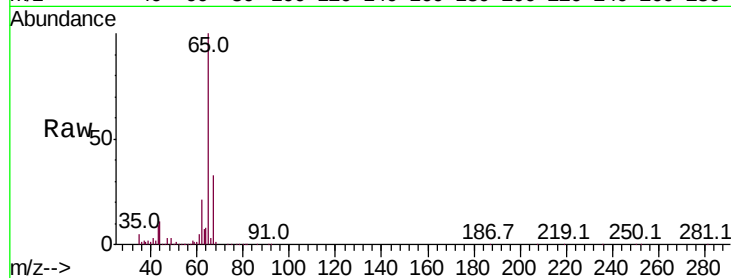
H0G17DL

Tot Ion: 62 Resp: 27298

Ion Ratio Lower Upper

62 100

64 39.4 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 6.660 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV013363.D

Acq: 25 Oct 2019 22:31

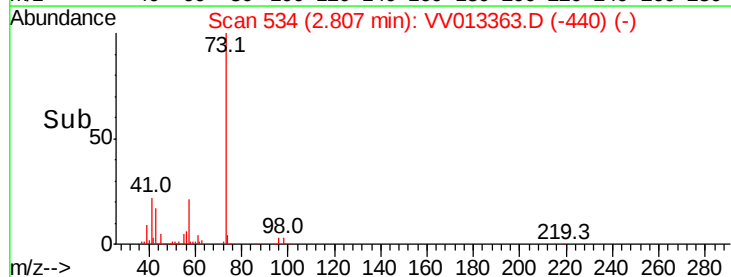
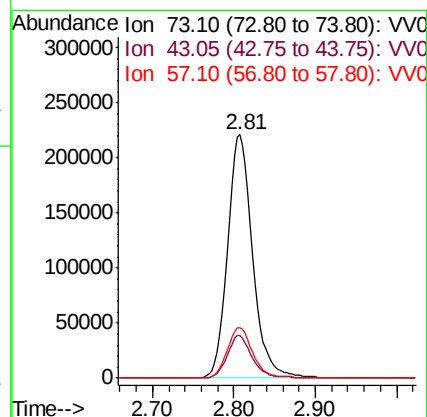
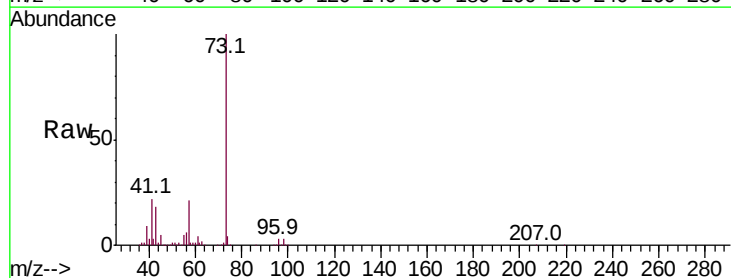
Tgt Ion: 73 Resp: 479763

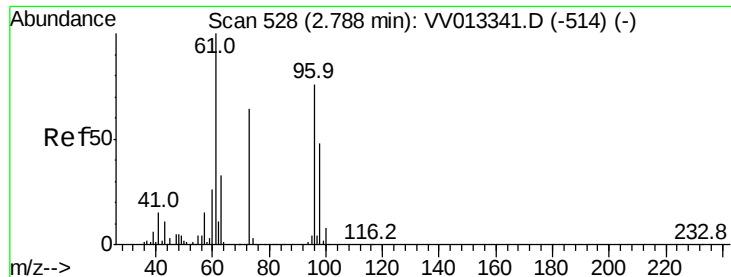
Ion Ratio Lower Upper

73 100

43 17.5 13.1 19.7

57 21.4 16.4 24.6





#18

trans-1,2-Dichloroethene

Concen: 0.911 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV013363.D

Acq: 25 Oct 2019 22:31

Instrument :

MSVOA_V

ClientSampleId :

H0G17DL

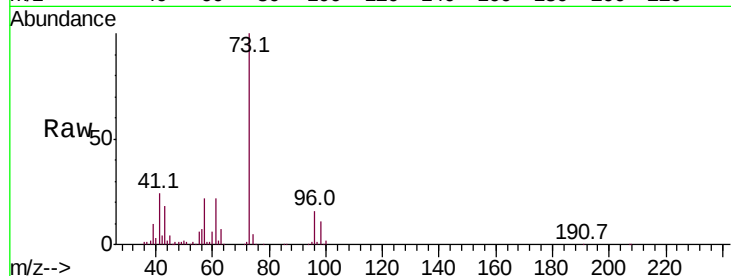
Tot Ion: 96 Resp: 33419

Ion Ratio Lower Upper

96 100

61 135.2 84.4 156.8

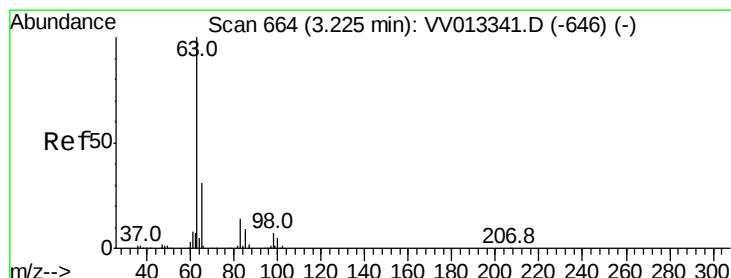
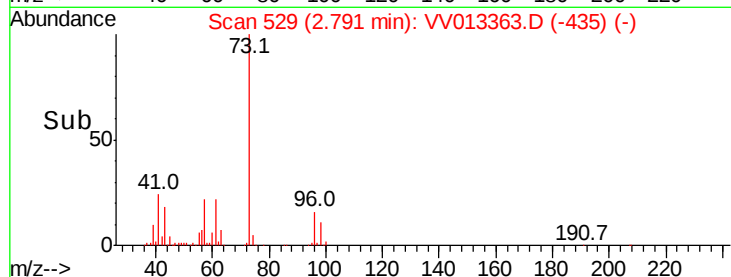
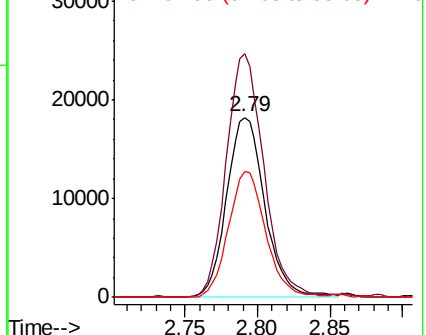
98 70.0 44.4 82.4



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#19

1,1-Dichloroethane

Concen: 0.247 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV013363.D

Acq: 25 Oct 2019 22:31

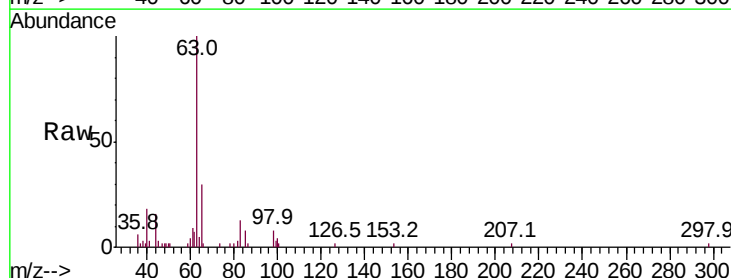
Tgt Ion: 63 Resp: 14750

Ion Ratio Lower Upper

63 100

65 29.7 23.0 42.8

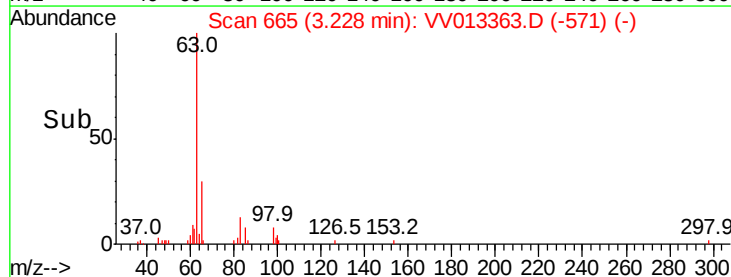
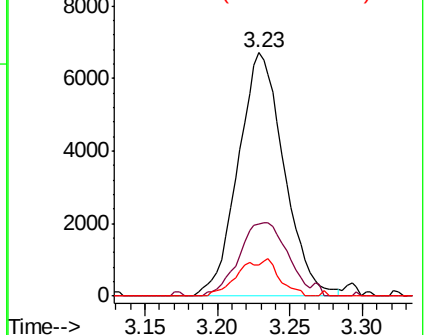
83 12.9 10.2 19.0

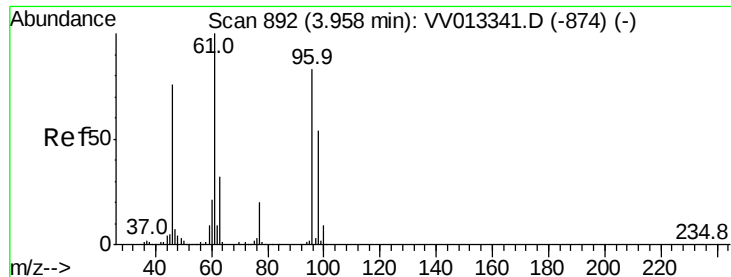


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



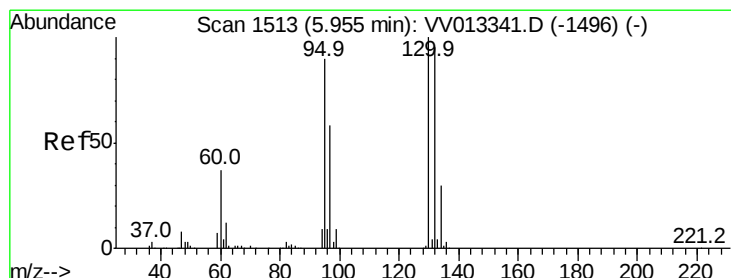
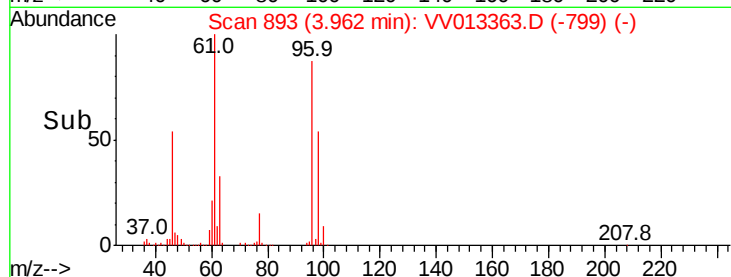
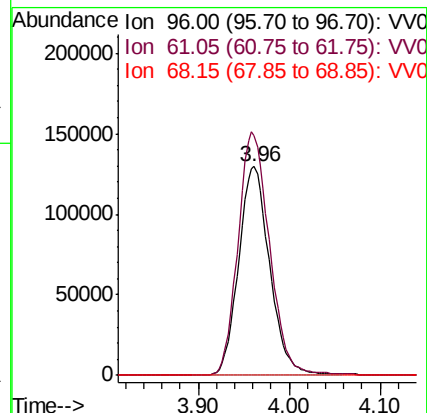
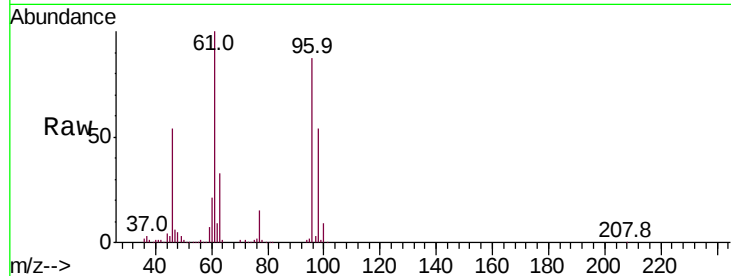


#22

cis-1,2-Dichloroethene
Concen: 7.830 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013363.D
Acq: 25 Oct 2019 22:31

Instrument :
MSVOA_V
ClientSampleId :
H0G17DL

Tot Ion: 96 Resp: 307304
Ion Ratio Lower Upper
96 100
61 115.2 77.3 143.7
68 0.0 0.1 0.1#



#34

Trichloroethene
Concen: 3.080 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013363.D
Acq: 25 Oct 2019 22:31

Tgt Ion: 95 Resp: 137433
Ion Ratio Lower Upper
95 100
97 66.2 45.2 84.0
132 108.2 70.6 131.2
130 110.8 75.5 140.3

