

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013361.D
 Acq On : 25 Oct 2019 21:43
 Operator : SY/MD
 Sample : K5462-15DL 5X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G12DL

Quant Time: Oct 26 02:35:30 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	399256	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	429873	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	234000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191765	6.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.40%#
7) Chloroethane-d5	1.58	69	107885	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	229045	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.95	46	392493	69.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.86%#
24) Chloroform-d	4.40	84	347490	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.08	65	172218	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.09	84	795384	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.11	67	228254	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	679545	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.66	79	74368	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	257309	45.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	148241	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	277146	6.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.80%#

Target Compounds

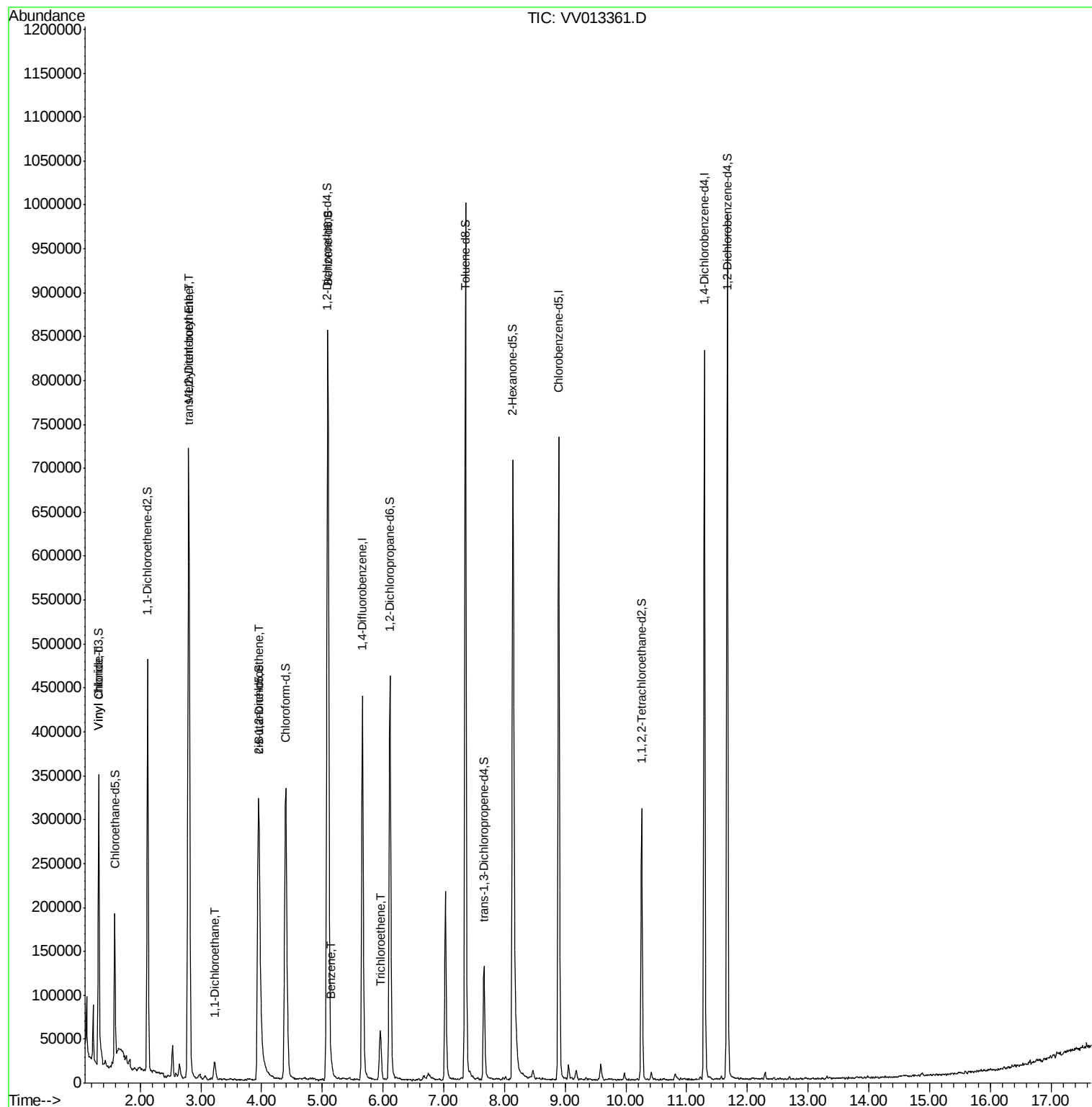
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	15428	0.400	ug/L #	70
17) Methyl tert-butyl Ether	2.80	73	681751	9.378	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	38662	1.045	ug/L	95
19) 1,1-Dichloroethane	3.23	63	18872	0.314	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	82427	2.081	ug/L #	94
33) Benzene	5.14	78	10568	0.064	ug/L	100
34) Trichloroethene	5.96	95	15038	0.341	ug/L	95

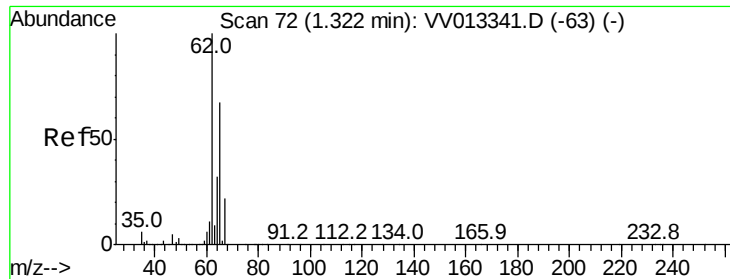
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.400 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV013361.D

Acq: 25 Oct 2019 21:43

Instrument :

MSVOA_V

ClientSampleID :

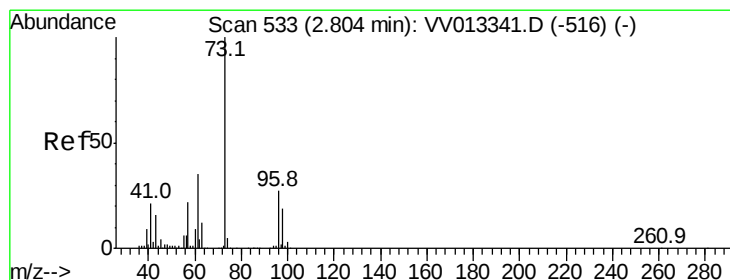
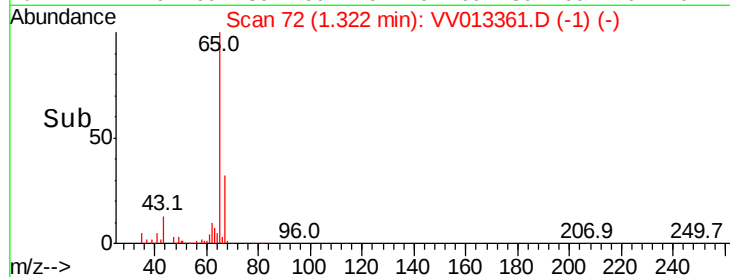
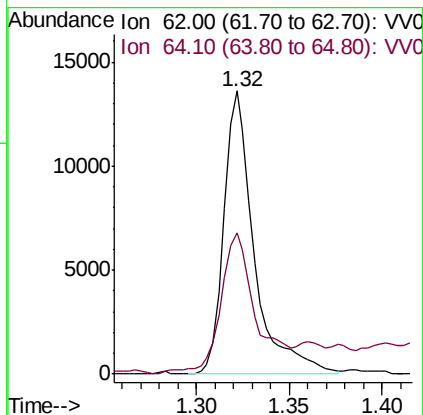
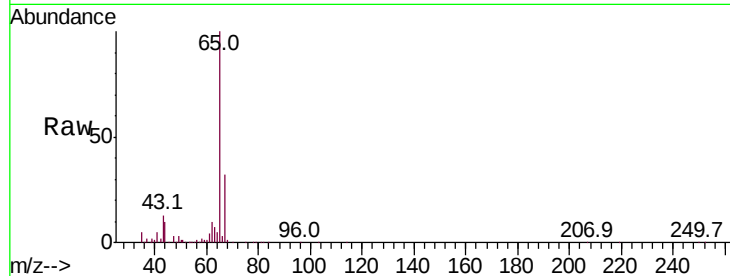
H0G12DL

Tot Ion: 62 Resp: 15428

Ion Ratio Lower Upper

62 100

64 49.7 22.9 42.5#



#17

Methyl tert-butyl Ether

Concen: 9.378 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV013361.D

Acq: 25 Oct 2019 21:43

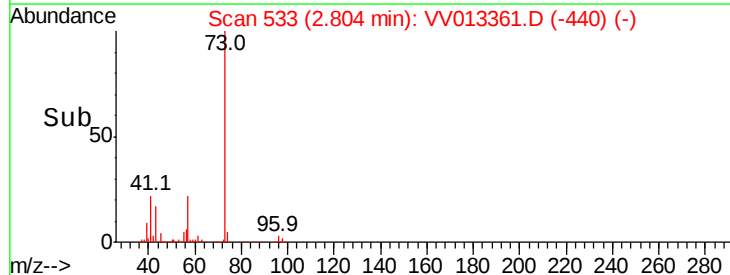
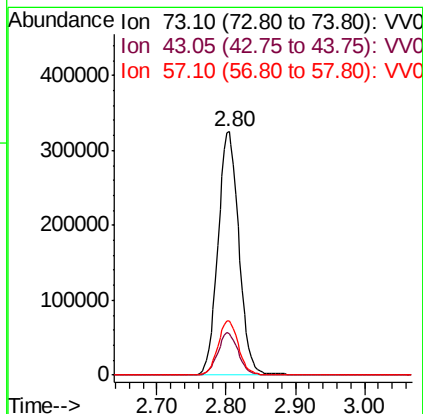
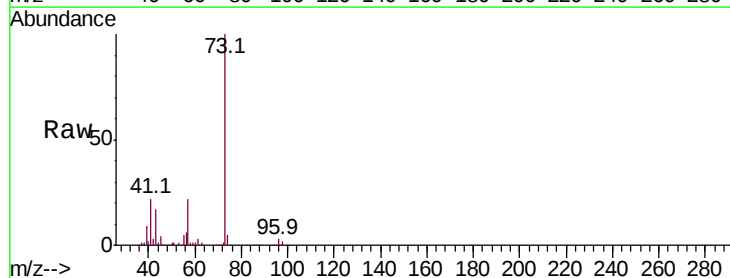
Tgt Ion: 73 Resp: 681751

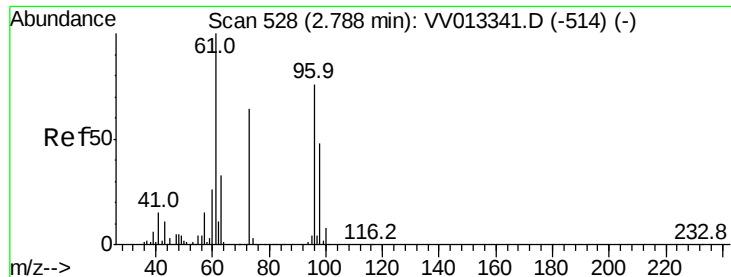
Ion Ratio Lower Upper

73 100

43 16.9 13.1 19.7

57 21.9 16.4 24.6

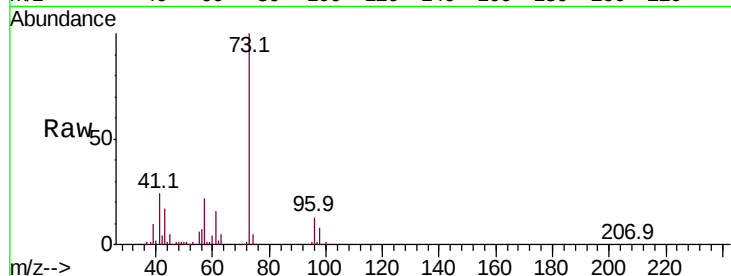




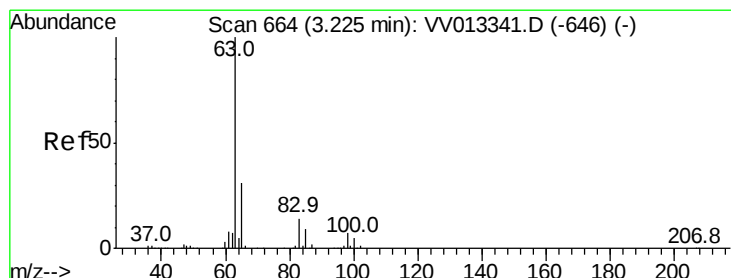
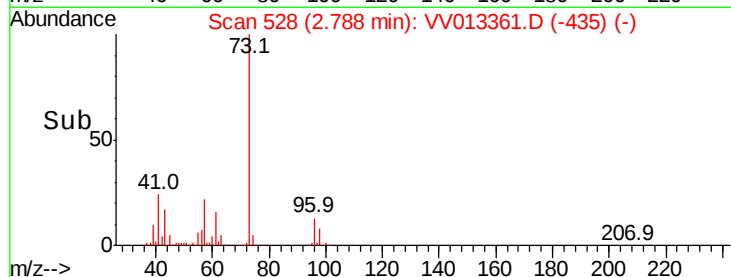
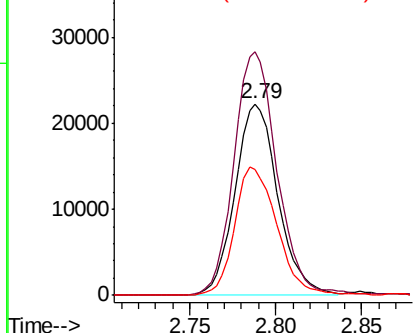
#18
trans-1,2-Dichloroethene
Concen: 1.045 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV013361.D
Acq: 25 Oct 2019 21:43

Instrument :
MSVOA_V
ClientSampleId :
H0G12DL

Tot Ion: 96 Resp: 38662
Ion Ratio Lower Upper
96 100
61 127.1 84.4 156.8
98 65.8 44.4 82.4

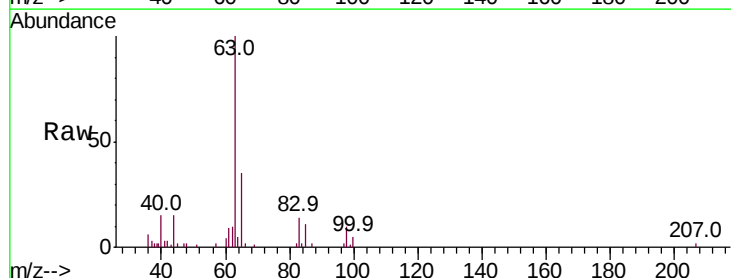


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

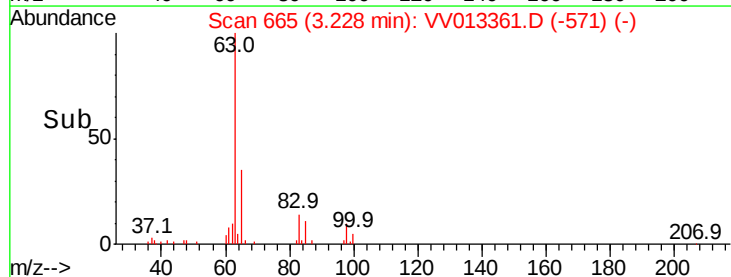
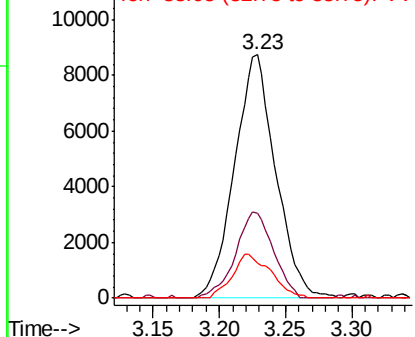


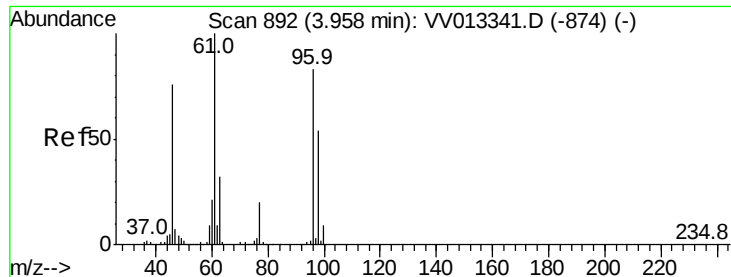
#19
1,1-Dichloroethane
Concen: 0.314 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013361.D
Acq: 25 Oct 2019 21:43

Tgt Ion: 63 Resp: 18872
Ion Ratio Lower Upper
63 100
65 35.1 23.0 42.8
83 14.2 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



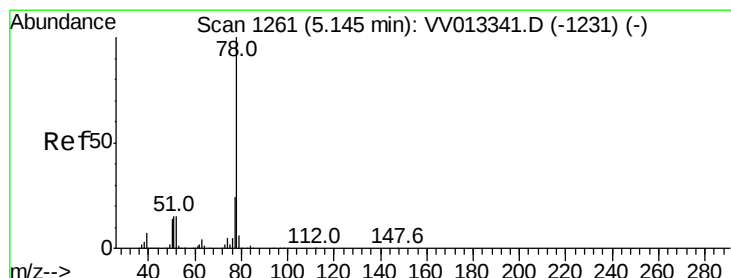
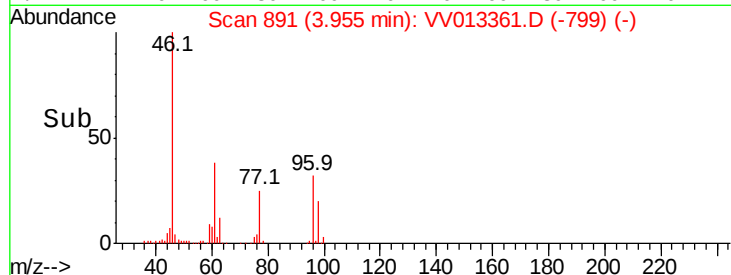
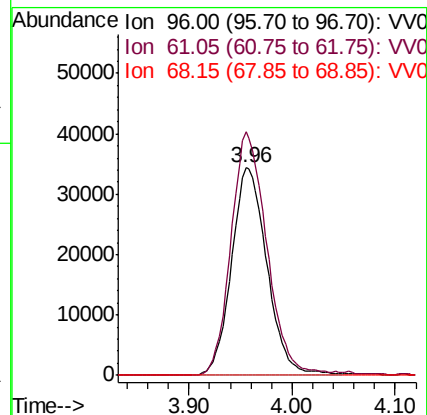
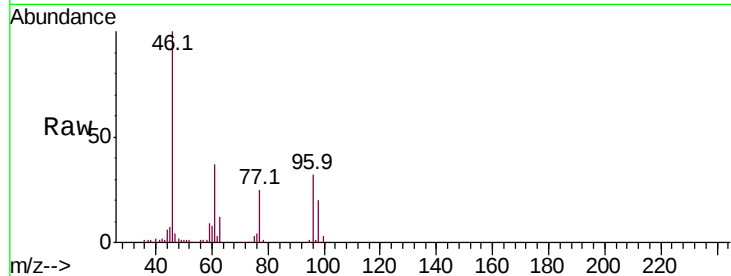


#22

cis-1,2-Dichloroethene
Concen: 2.081 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV013361.D
Acq: 25 Oct 2019 21:43

Instrument :
MSVOA_V
ClientSampleId :
H0G12DL

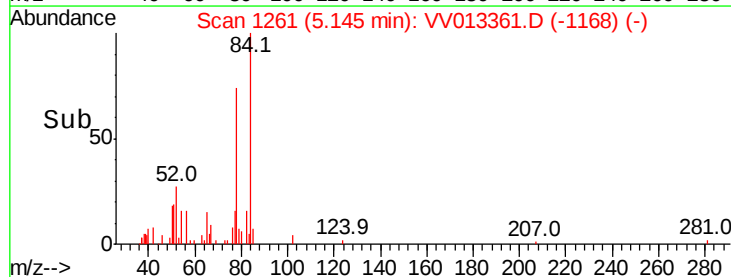
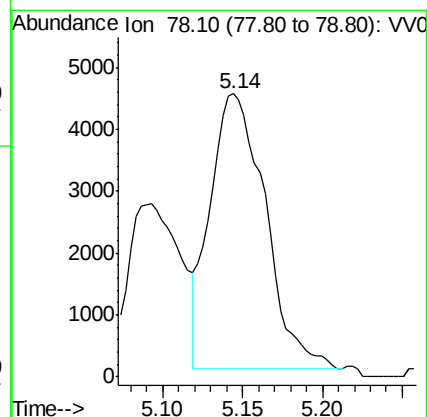
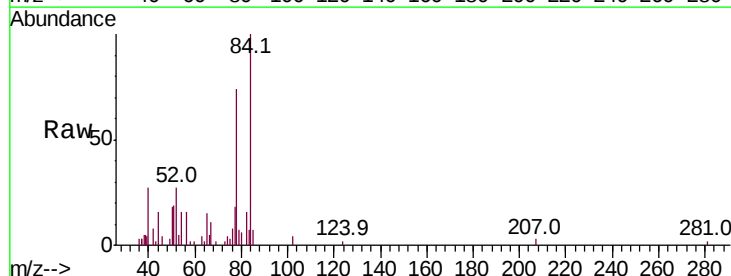
Tot Ion: 96 Resp: 82427
Ion Ratio Lower Upper
96 100
61 117.3 77.3 143.7
68 0.0 0.1 0.1#

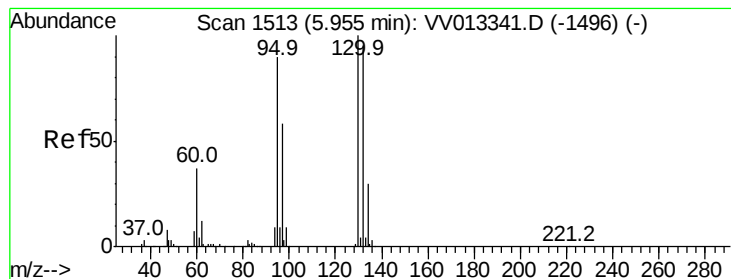


#33

Benzene
Concen: 0.064 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV013361.D
Acq: 25 Oct 2019 21:43

Tgt Ion: 78 Resp: 10568





#34

Trichloroethene

Concen: 0.341 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013361.D

Acq: 25 Oct 2019 21:43

Instrument :

MSVOA_V

ClientSampleId :

H0G12DL

Tot Ion: 95 Resp: 15038

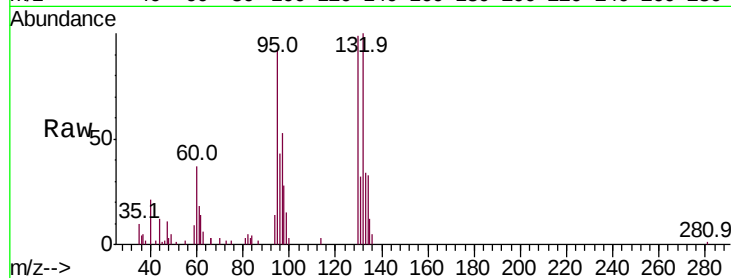
Ion Ratio Lower Upper

95 100

97 58.1 45.2 84.0

132 109.0 70.6 131.2

130 108.1 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

