

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013364.D
 Acq On : 25 Oct 2019 22:55
 Operator : SY/MD
 Sample : K5462-21DL 5X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G25DL

Quant Time: Oct 26 03:19:07 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	399799	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	439719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	229672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	186366	6.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.40%
7) Chloroethane-d5	1.58	69	146627	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.60%
11) 1,1-Dichloroethene-d2	2.13	63	230887	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	3.94	46	366880	64.81	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.62%
24) Chloroform-d	4.40	84	349907	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	168977	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.10	84	761072	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.12	67	220798	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	643752	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.66	79	69839	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.13	63	223714	38.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142876	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	259204	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

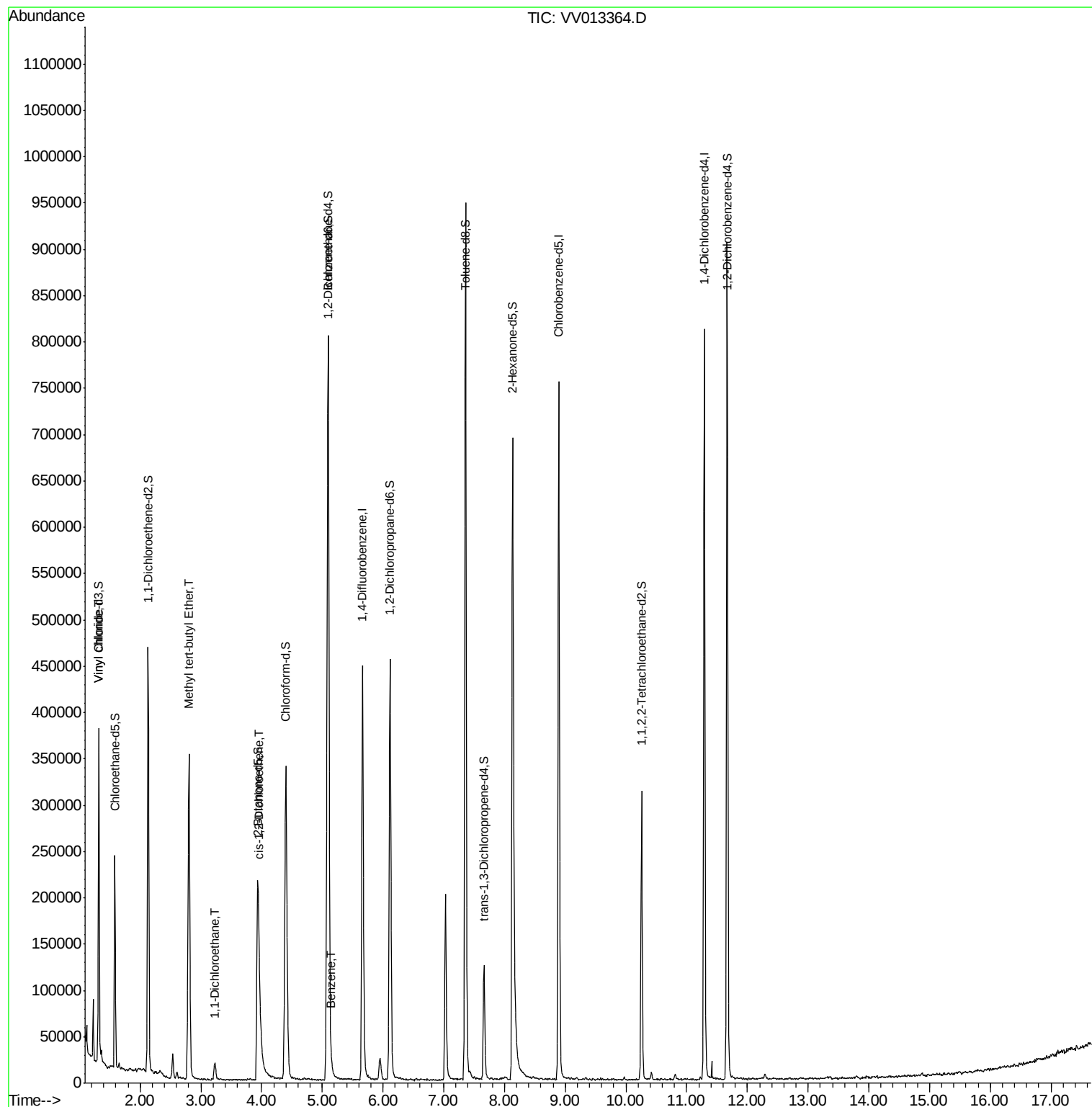
					Ovalue
5) Vinyl chloride	1.32	62	19383	0.502 ug/L #	75
17) Methyl tert-butyl Ether	2.80	73	346227	4.756 ug/L	97
19) 1,1-Dichloroethane	3.23	63	17995	0.299 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	5832	0.147 ug/L #	78
33) Benzene	5.15	78	10584	0.063 ug/L	100

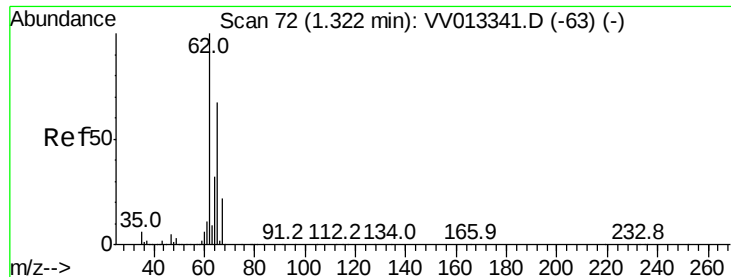
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.502 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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ClientSampleId :

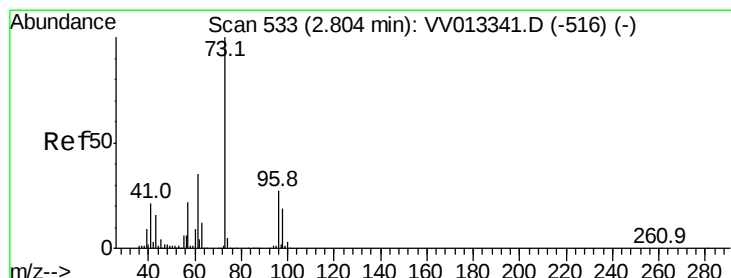
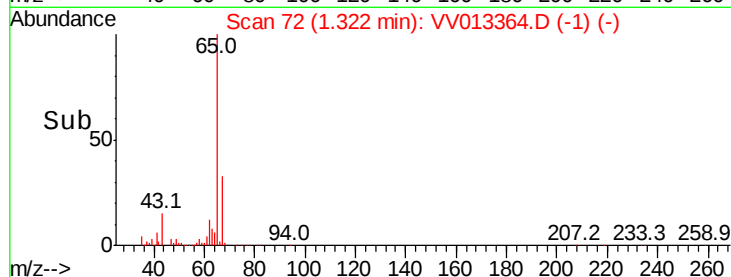
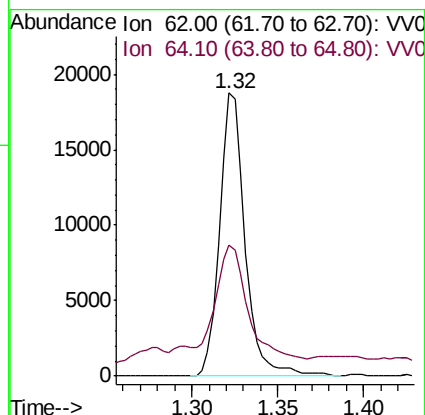
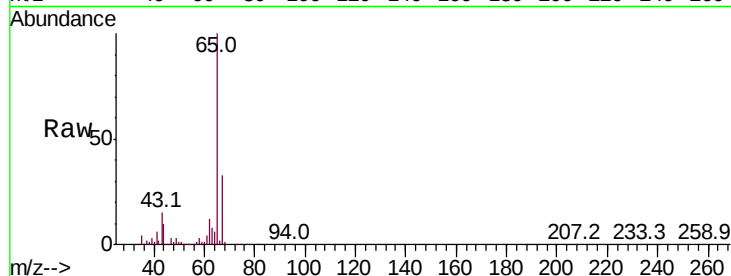
H0G25DL

Tot Ion: 62 Resp: 19383

Ion Ratio Lower Upper

62 100

64 46.5 22.9 42.5#



#17

Methyl tert-butyl Ether

Concen: 4.756 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV013364.D

Acq: 25 Oct 2019 22:55

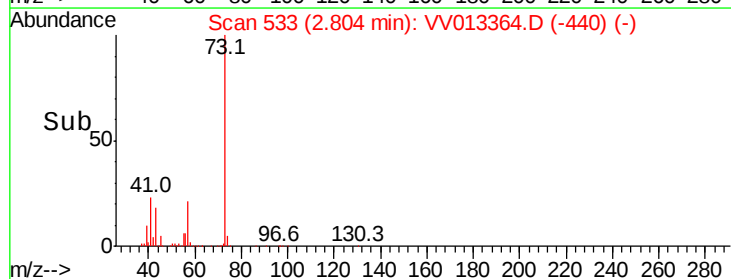
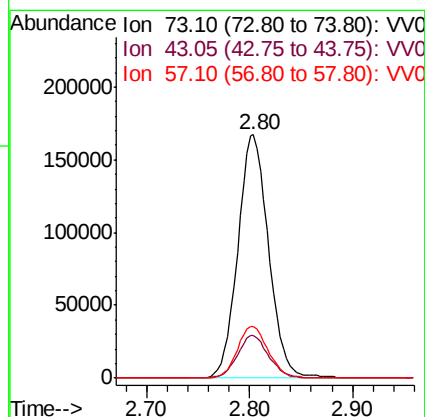
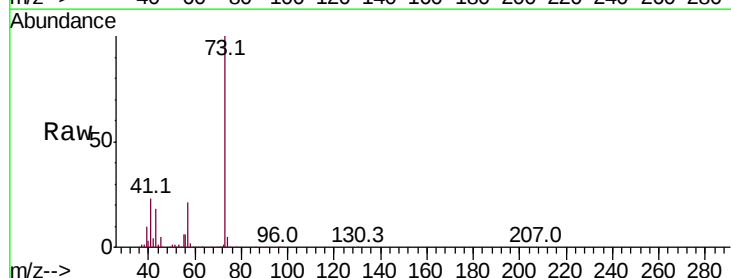
Tgt Ion: 73 Resp: 346227

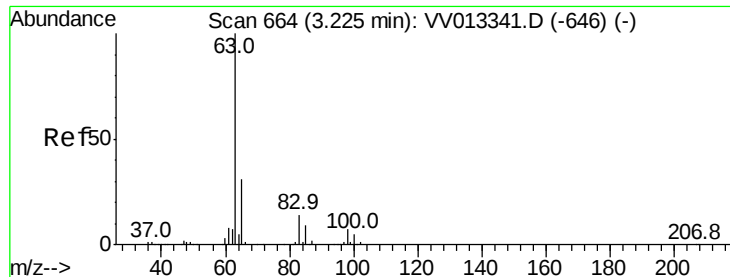
Ion Ratio Lower Upper

73 100

43 18.0 13.1 19.7

57 21.4 16.4 24.6





#19

1,1-Dichloroethane

Concen: 0.299 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

H0G25DL

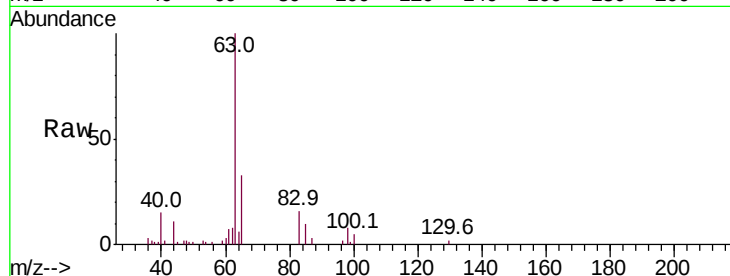
Tot Ion: 63 Resp: 17995

Ion Ratio Lower Upper

63 100

65 33.1 23.0 42.8

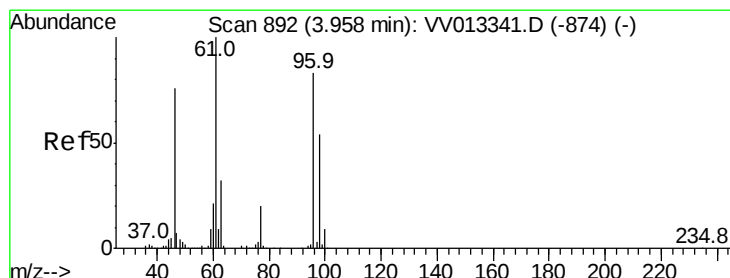
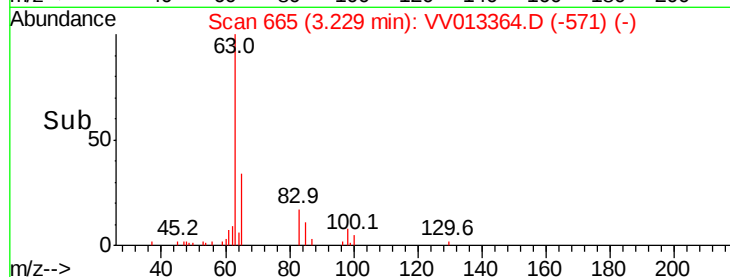
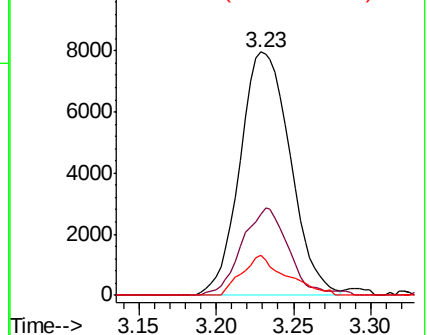
83 16.4 10.2 19.0



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: 0.147 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV013364.D

Acq: 25 Oct 2019 22:55

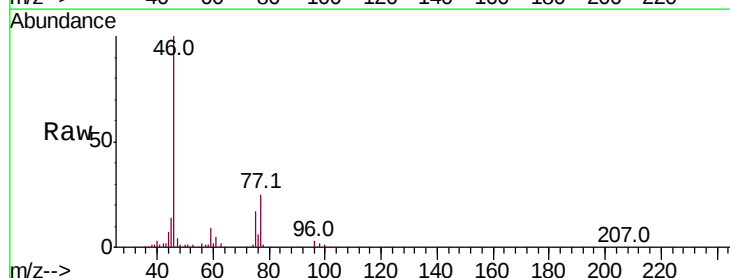
Tgt Ion: 96 Resp: 5832

Ion Ratio Lower Upper

96 100

61 134.2 77.3 143.7

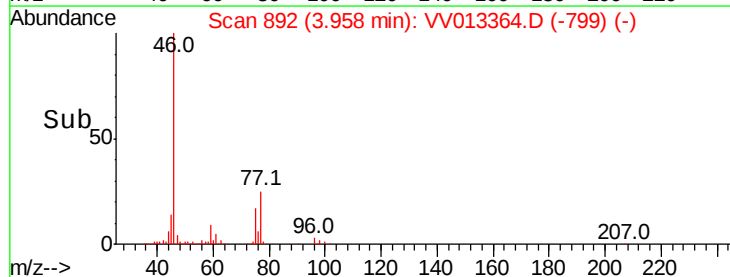
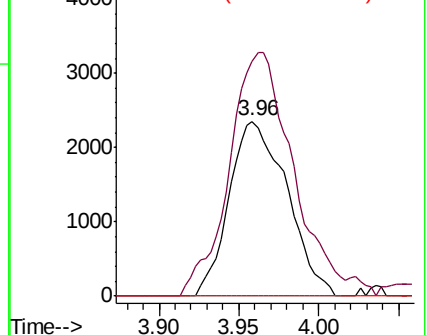
68 0.0 0.1 0.1#

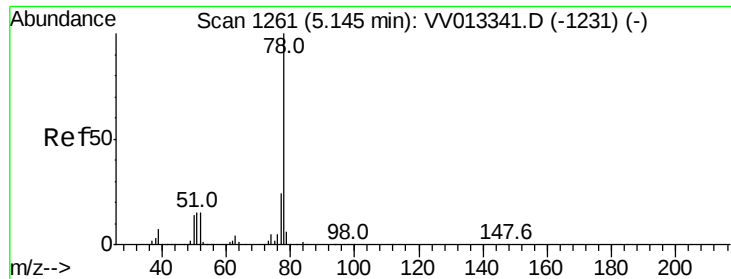


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#33

Benzene

Concen: 0.063 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VV013364.D

Acq: 25 Oct 2019 22:55

Instrument :

MSVOA_V

ClientSampleId :

H0G25DL

Tgt Ion: 78 Resp: 10584

