

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013360.D
 Acq On : 25 Oct 2019 21:19
 Operator : SY/MD
 Sample : K5462-23DL 10X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G27DL

Quant Time: Oct 26 02:32:42 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	400791	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	434505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	225531	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191616	6.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.80%
7) Chloroethane-d5	1.58	69	149721	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.13	63	229556	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.93	46	376938	66.43	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.86%#
24) Chloroform-d	4.40	84	355580	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.08	65	177639	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.10	84	772017	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.12	67	225220	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	634053	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.66	79	73960	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.13	63	231922	40.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	144611	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	253726	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

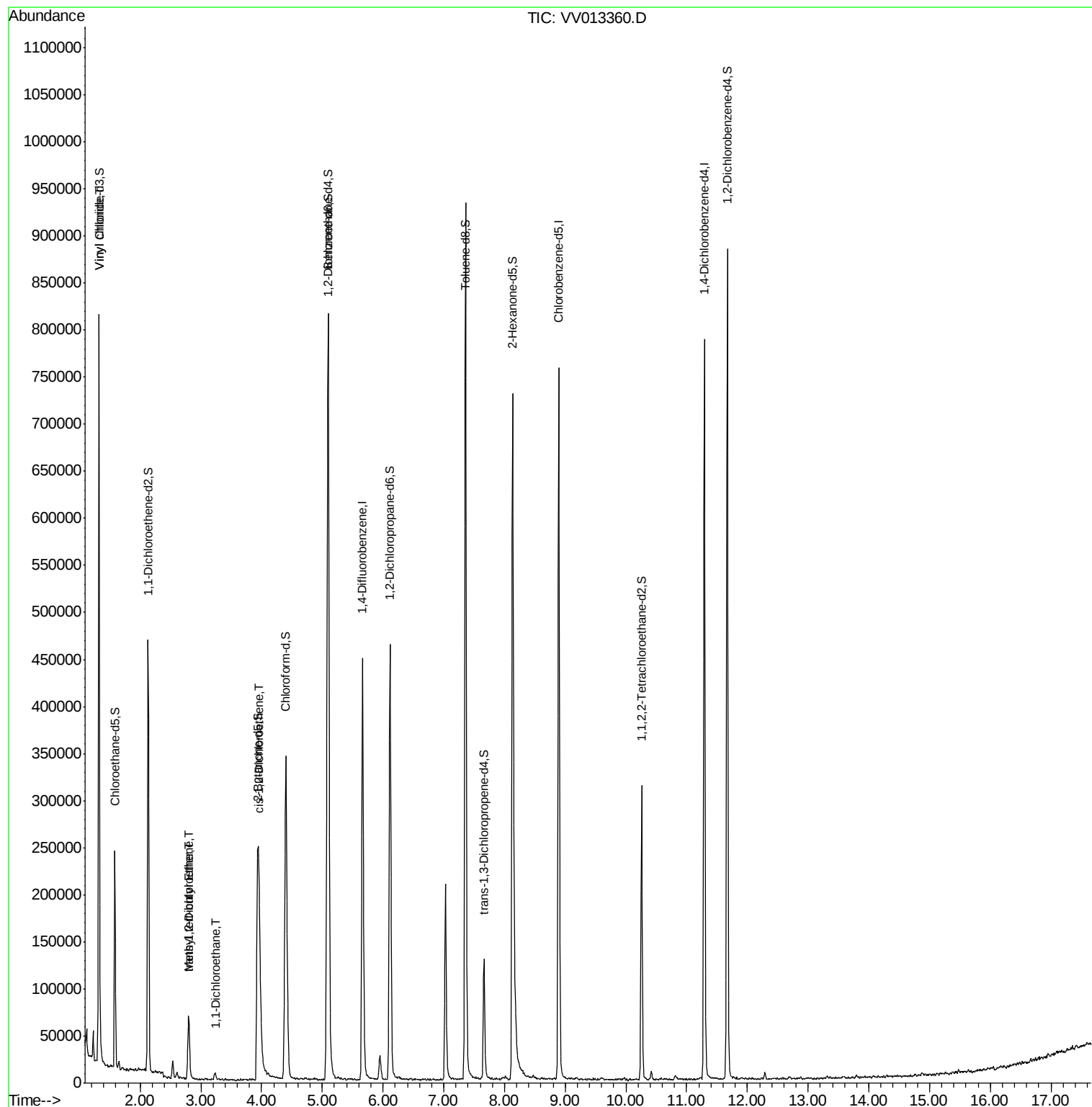
					Ovalue
5) Vinyl chloride	1.32	62	338787	8.759	ug/L 99
17) Methyl tert-butyl Ether	2.80	73	38427	0.527	ug/L 94
18) trans-1,2-Dichloroethene	2.79	96	12704	0.342	ug/L 96
19) 1,1-Dichloroethane	3.23	63	6637	0.110	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	48396	1.217	ug/L # 86

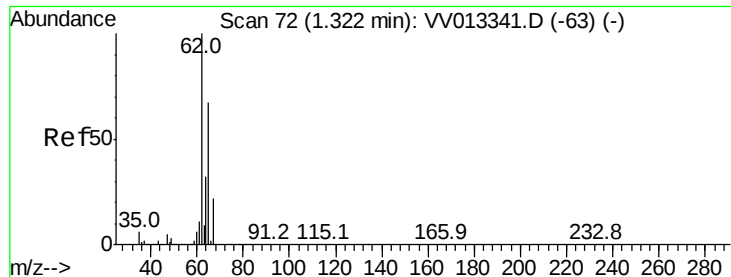
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.759 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Acq: 25 Oct 2019 21:19

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MSVOA_V

ClientSampleId :

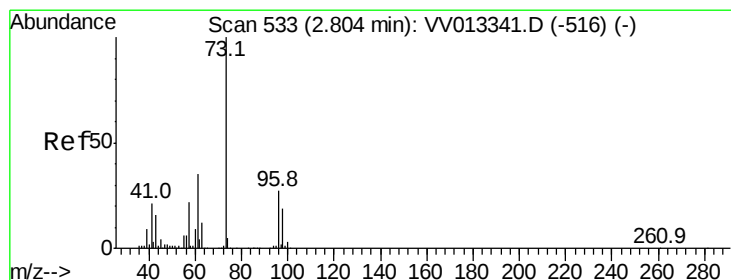
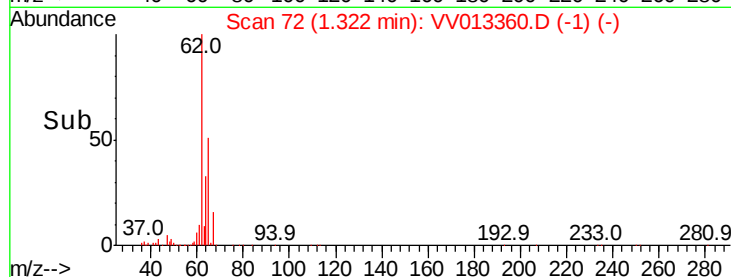
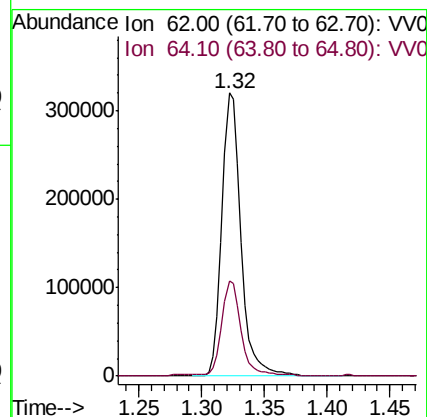
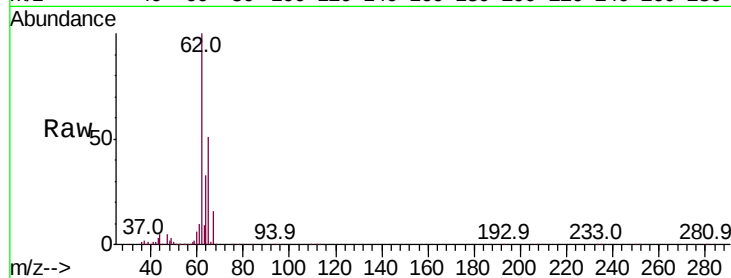
H0G27DL

Tot Ion: 62 Resp: 338787

Ion Ratio Lower Upper

62 100

64 33.5 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 0.527 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV013360.D

Acq: 25 Oct 2019 21:19

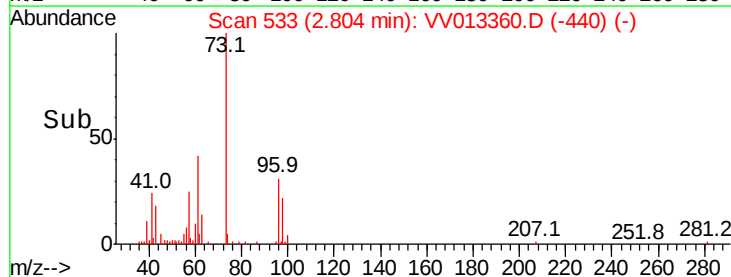
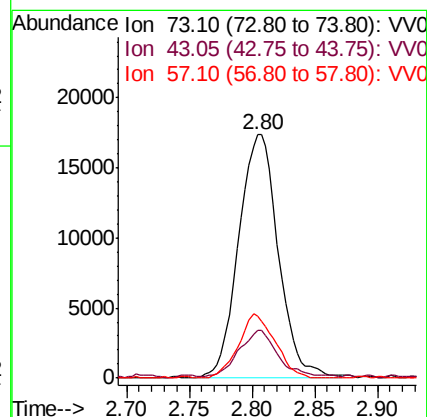
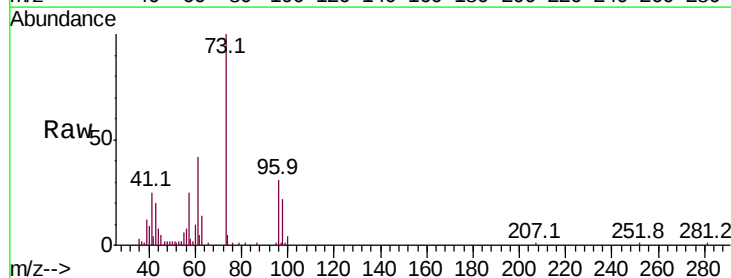
Tgt Ion: 73 Resp: 38427

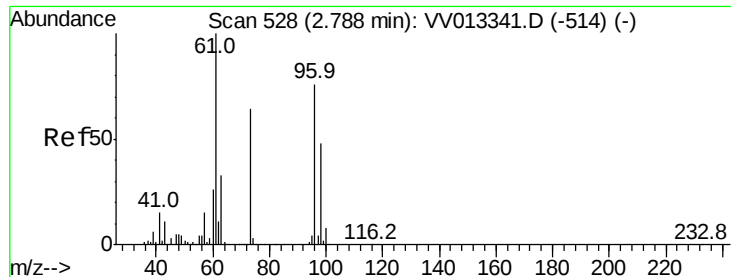
Ion Ratio Lower Upper

73 100

43 17.8 13.1 19.7

57 24.0 16.4 24.6





#18

trans-1,2-Dichloroethene

Concen: 0.342 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV013360.D

Acq: 25 Oct 2019 21:19

Instrument :

MSVOA_V

ClientSampleId :

H0G27DL

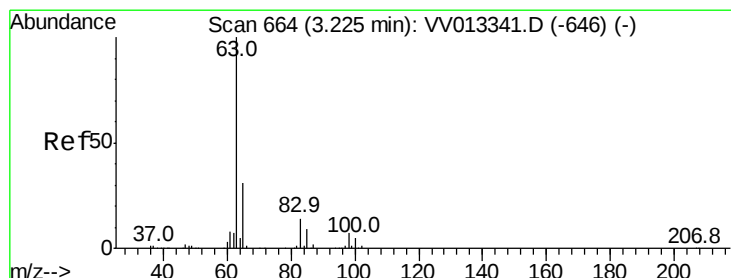
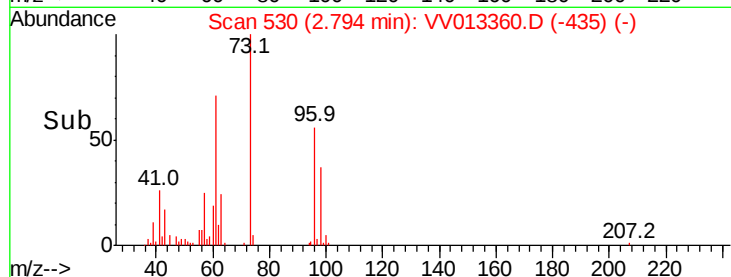
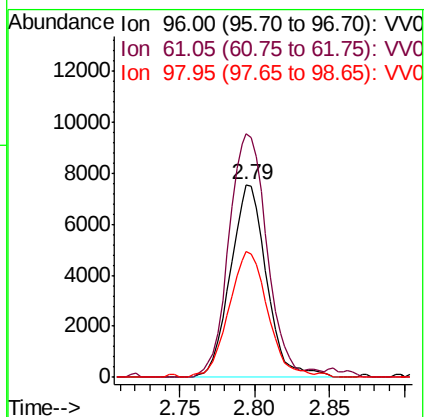
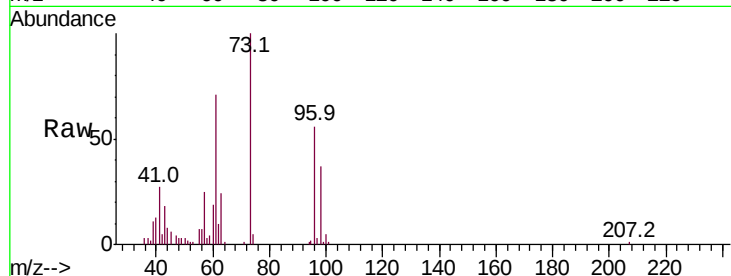
Tot Ion: 96 Resp: 12704

Ion Ratio Lower Upper

96 100

61 126.4 84.4 156.8

98 65.3 44.4 82.4



#19

1,1-Dichloroethane

Concen: 0.110 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.01 min

Lab File: VV013360.D

Acq: 25 Oct 2019 21:19

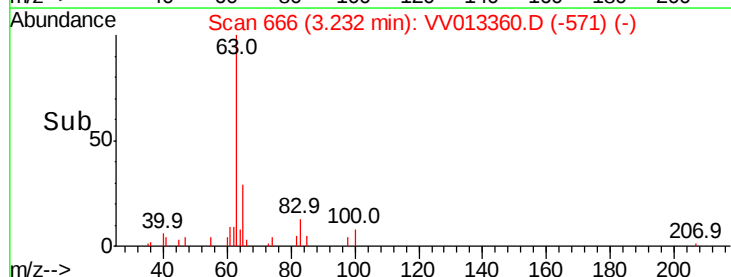
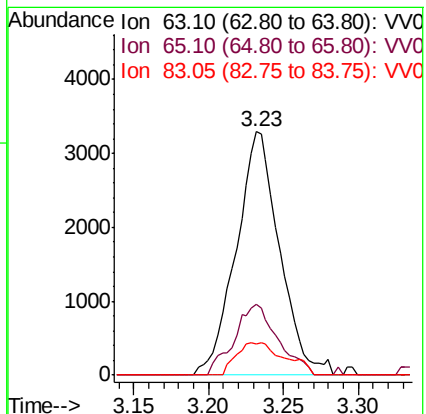
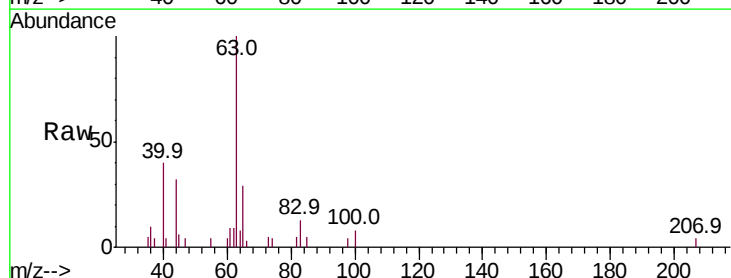
Tgt Ion: 63 Resp: 6637

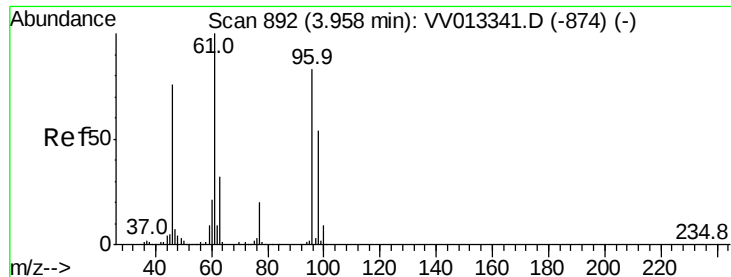
Ion Ratio Lower Upper

63 100

65 29.3 23.0 42.8

83 12.7 10.2 19.0





#22

cis-1,2-Dichloroethene
 Concen: 1.217 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV013360.D
 Acq: 25 Oct 2019 21:19

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G27DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.3	77.3	143.7
68	0.0	0.1	0.1#

