

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013357.D
 Acq On : 25 Oct 2019 20:07
 Operator : SY/MD
 Sample : K5462-18DL 10X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G16DL

Quant Time: Oct 26 02:20:15 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	418286	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	458476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	246792	5.00	ug/L	0.00

System Monitoring Compounds

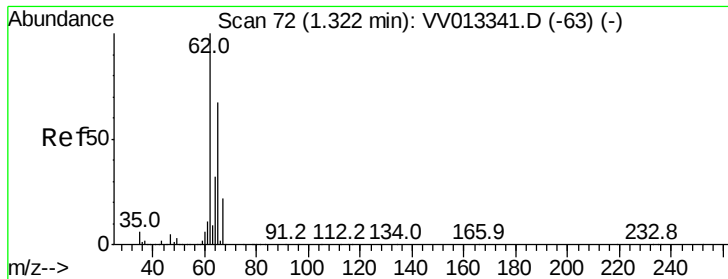
4) Vinyl Chloride-d3	1.32	65	188995	6.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.60%
7) Chloroethane-d5	1.58	69	119500	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.12	63	226753	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	3.95	46	389067	65.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.40%#
24) Chloroform-d	4.40	84	353572	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	174394	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	791985	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.11	67	227763	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	677552	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.66	79	76767	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	254165	42.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	145653	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	276089	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	14513	0.360 ug/L #	79
17) Methyl tert-butyl Ether	2.80	73	1013027	13.301 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	11083	0.286 ug/L	97
19) 1,1-Dichloroethane	3.22	63	5856	0.093 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	312578	7.533 ug/L #	92
34) Trichloroethene	5.96	95	75961	1.617 ug/L	92

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

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Misc      : 25.0ML/MSVOA V/WATER
ALS Vial  : 19      Sample Multiplier: 1
```



#5

Vinyl chloride

Concen: 0.360 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV013357.D

Acq: 25 Oct 2019 20:07

Instrument :

MSVOA_V

ClientSampled :

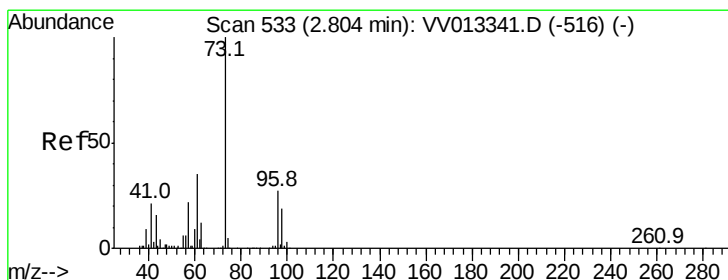
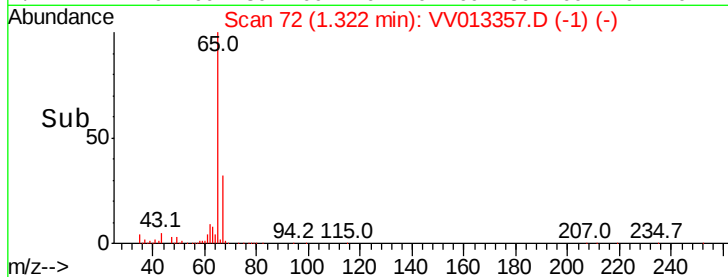
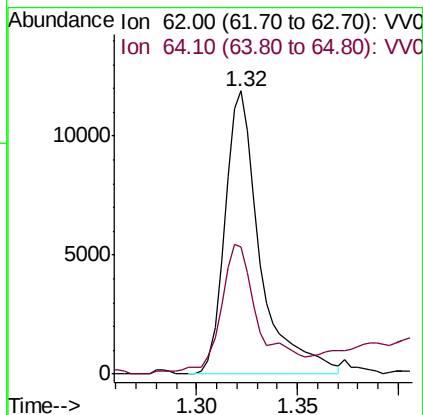
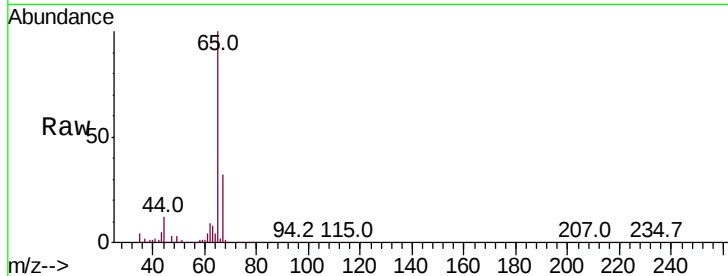
H0G16DL

Tot Ion: 62 Resp: 14513

Ion Ratio Lower Upper

62 100

64 44.8 22.9 42.5#



#17

Methyl tert-butyl Ether

Concen: 13.301 ug/L

RT: 2.80 min Scan# 533

Delta R.T. 0.00 min

Lab File: VV013357.D

Acq: 25 Oct 2019 20:07

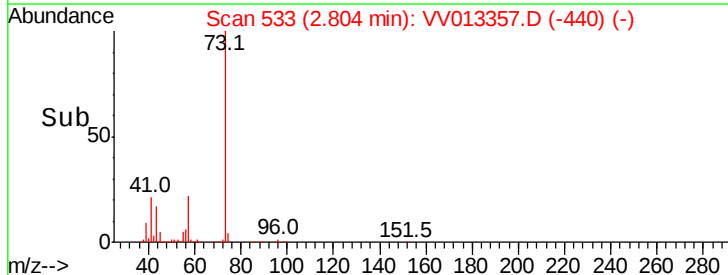
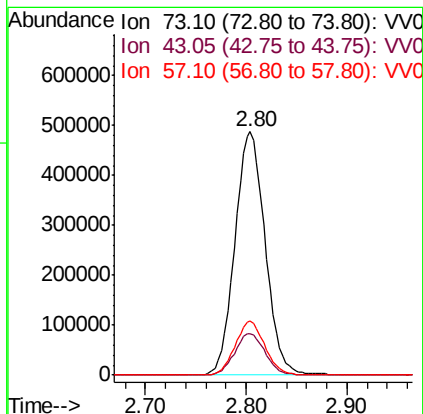
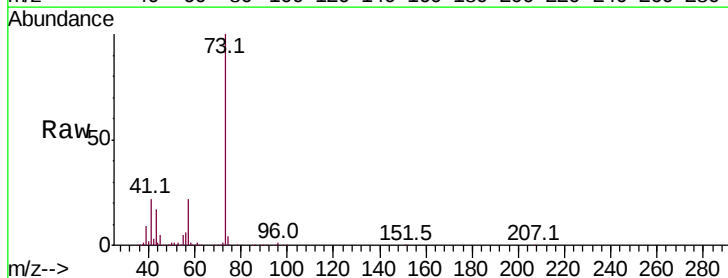
Tgt Ion: 73 Resp: 1013027

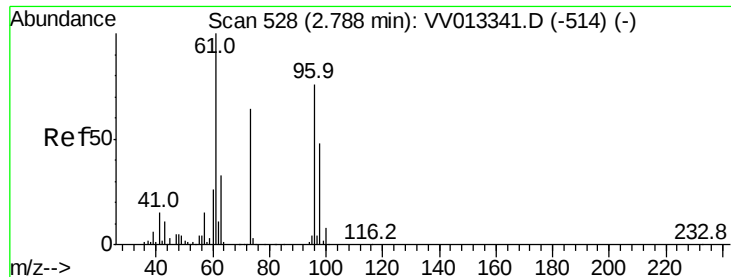
Ion Ratio Lower Upper

73 100

43 17.1 13.1 19.7

57 21.7 16.4 24.6





#18

trans-1,2-Dichloroethene

Concen: 0.286 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV013357.D

Acq: 25 Oct 2019 20:07

Instrument :

MSVOA_V

ClientSampleId :

H0G16DL

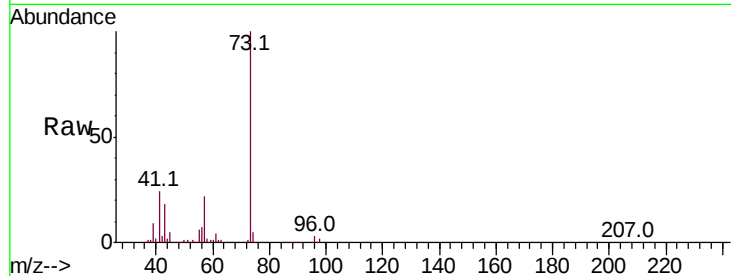
Tot Ion: 96 Resp: 11083

Ion Ratio Lower Upper

96 100

61 124.5 84.4 156.8

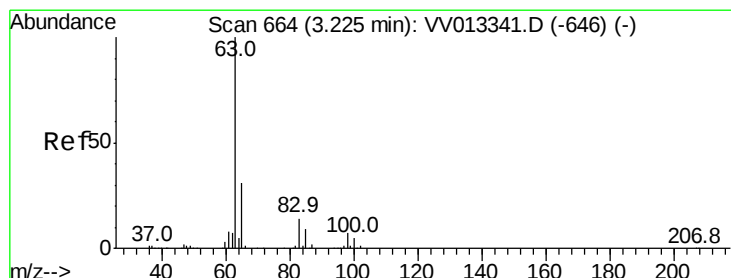
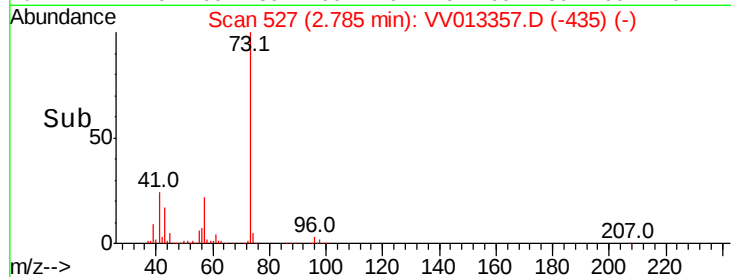
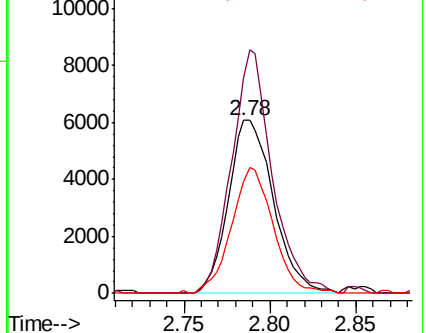
98 64.7 44.4 82.4



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: 0.093 ug/L

RT: 3.22 min Scan# 663

Delta R.T. -0.00 min

Lab File: VV013357.D

Acq: 25 Oct 2019 20:07

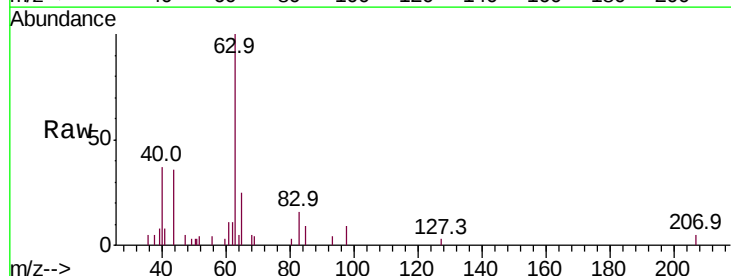
Tgt Ion: 63 Resp: 5856

Ion Ratio Lower Upper

63 100

65 24.7 23.0 42.8

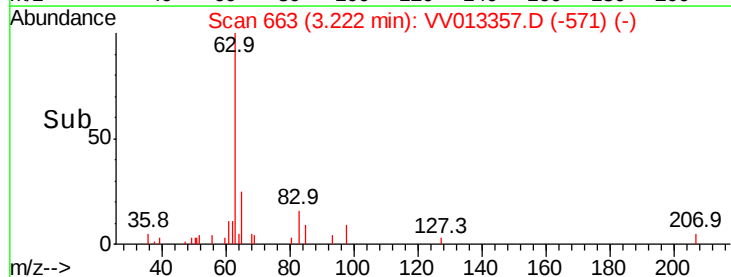
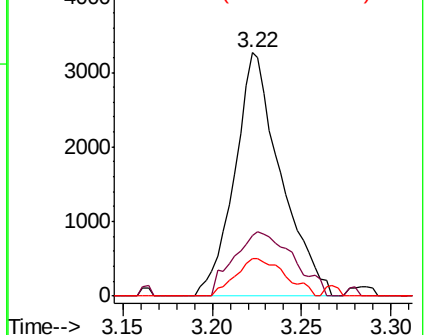
83 15.5 10.2 19.0

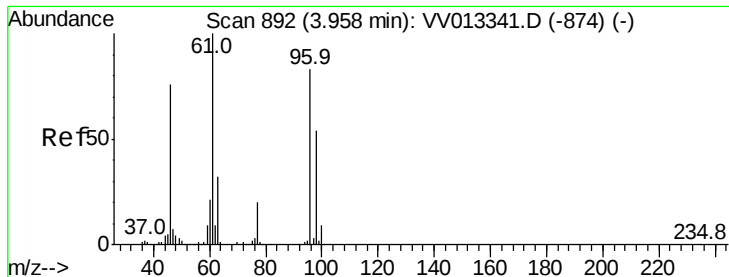


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



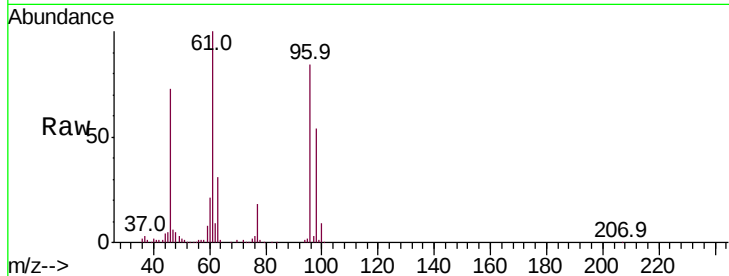


#22

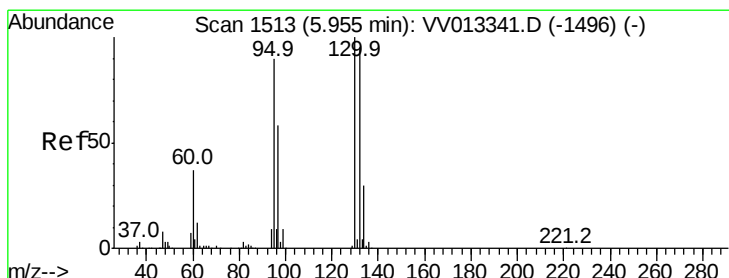
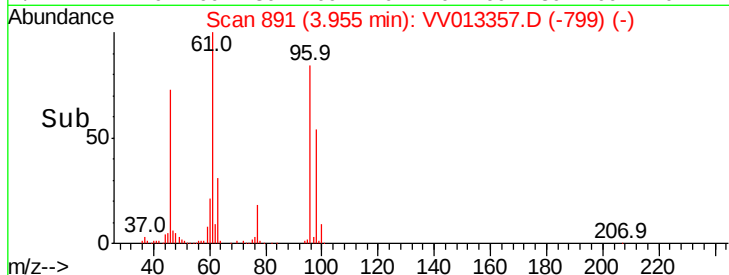
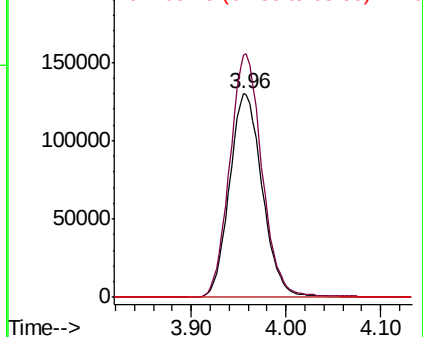
cis-1,2-Dichloroethene
Concen: 7.533 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV013357.D
Acq: 25 Oct 2019 20:07

Instrument :
MSVOA_V
ClientSampleId :
H0G16DL

Tot Ion: 96 Resp: 312578
Ion Ratio Lower Upper
96 100
61 119.3 77.3 143.7
68 0.0 0.1 0.1#



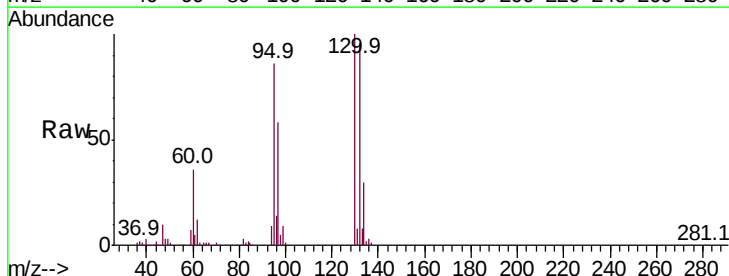
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



#34

Trichloroethene
Concen: 1.617 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013357.D
Acq: 25 Oct 2019 20:07

Tgt Ion: 95 Resp: 75961
Ion Ratio Lower Upper
95 100
97 67.8 45.2 84.0
132 111.8 70.6 131.2
130 116.4 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): VV0
Ion 129.95 (129.65 to 130.65): VV0

