

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV016992.D
 Acq On : 19 Jun 2020 10:23
 Operator : SY/MD
 Sample : VV0619MBL01
 Misc : 5.00µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 02:05:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368275	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	348515	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168120	50.00	ug/L	0.00

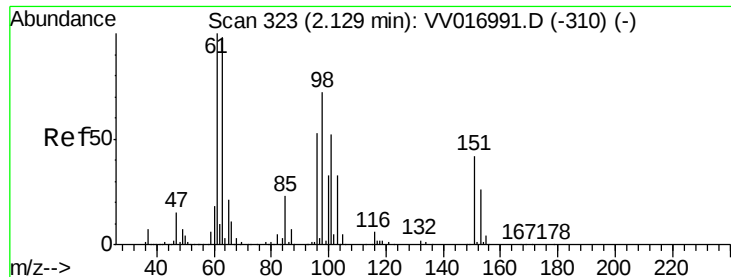
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115049	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.54%
7) Chloroethane-d5	1.58	69	79309	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.72%
11) 1,1-Dichloroethene-d2	2.12	63	163708	37.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.04%
21) 2-Butanone-d5	3.90	46	162071	84.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.27%
24) Chloroform-d	4.37	84	236584	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
26) 1,2-Dichloroethane-d4	5.05	65	169247	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
32) Benzene-d6	5.07	84	461731	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
36) 1,2-Dichloropropane-d6	6.09	67	140740	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.88%
41) Toluene-d8	7.33	98	424938	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%
43) trans-1,3-Dichloropropene-	7.64	79	72826	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.11	63	91264	66.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.85%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	162958	39.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	172714	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1488	0.760 ug/L #	29
12) 1,1-Dichloroethene	2.12	96	1556	0.851 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	2970	0.735 ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	3966	0.979 ug/L	89
48) 2-Hexanone	8.16	43	10116	3.433 ug/L	98

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.760 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016992.D

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Instrument :

MSVOA_V

ClientSampleId :

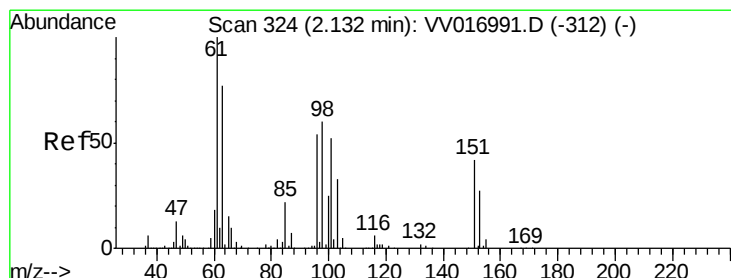
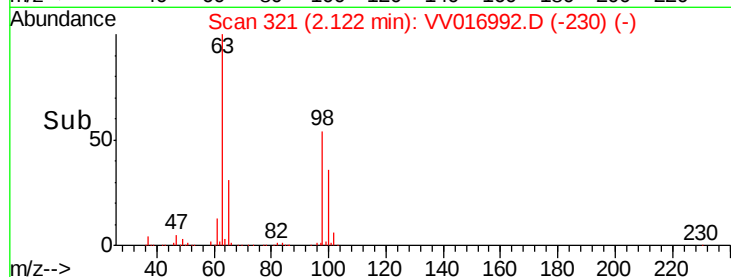
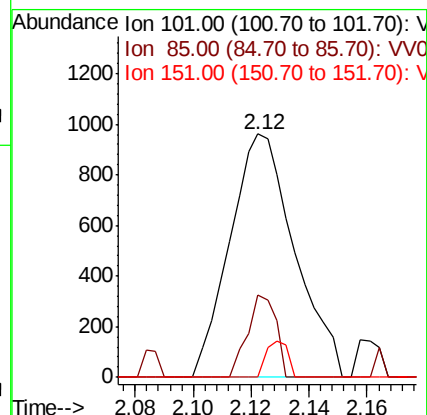
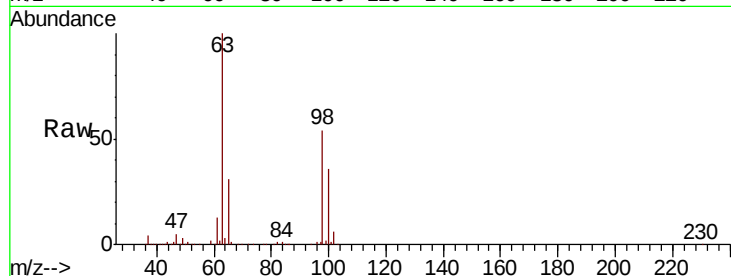
Tot Ion:101 Resp: 1488

Ion Ratio Lower Upper

101 100

85 14.8 35.5 53.3#

151 5.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.851 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016992.D

Acq: 19 Jun 2020 10:23

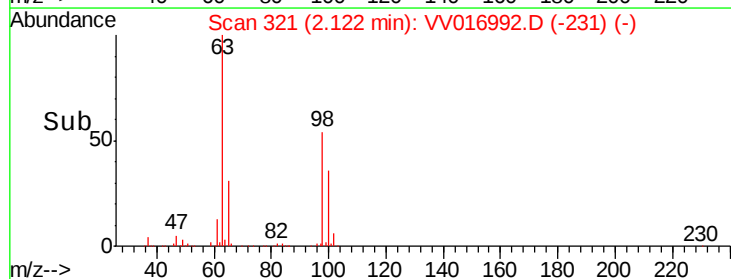
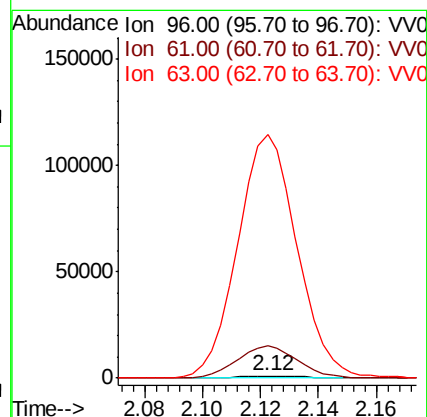
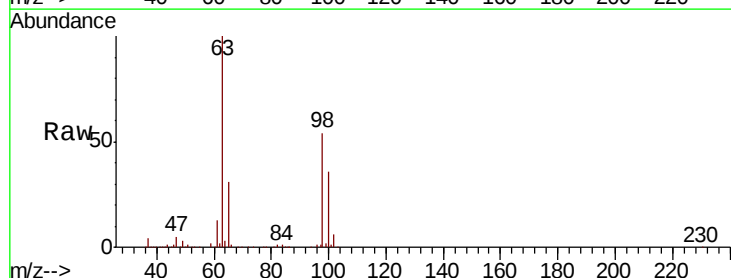
Tgt Ion: 96 Resp: 1556

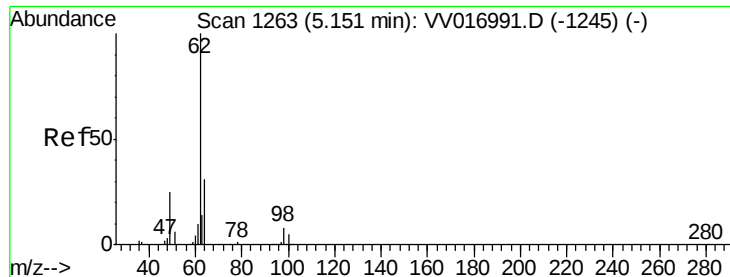
Ion Ratio Lower Upper

96 100

61 1678.7 130.4 242.2#

63 12655.0 103.3 191.9#





#27

1,2-Dichloroethane

Concen: 0.735 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016992.D

Acq: 19 Jun 2020 10:23

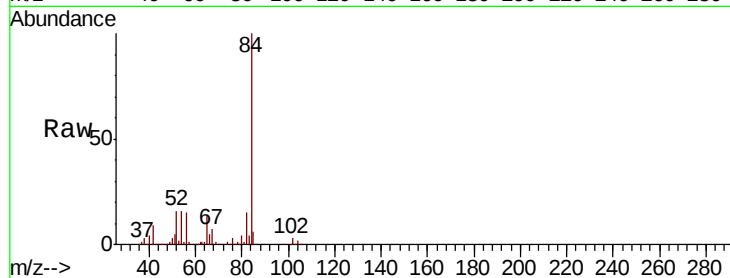
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 2970

Ion Ratio Lower Upper

62 100

98 7.6 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

5.07

1500

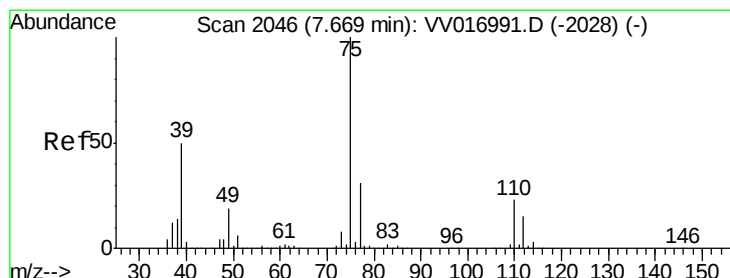
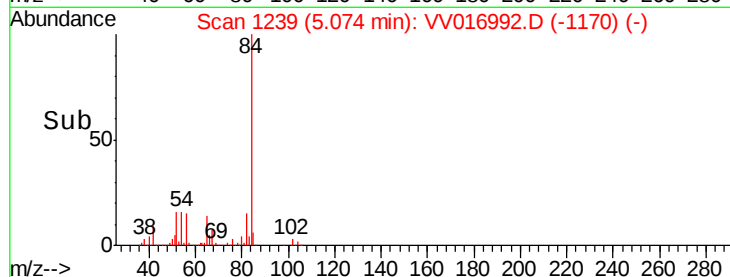
1000

500

0

5.00 5.05 5.10

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016992.D

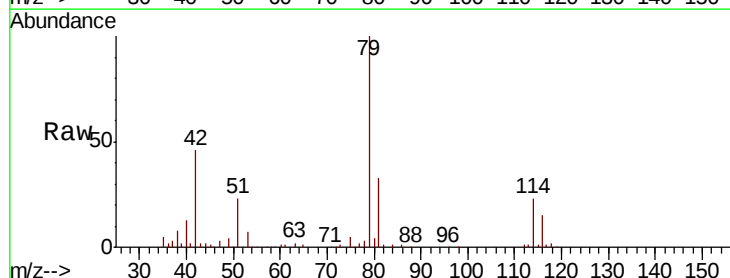
Acq: 19 Jun 2020 10:23

Tgt Ion: 75 Resp: 3966

Ion Ratio Lower Upper

75 100

77 37.0 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.64

2500

2000

1500

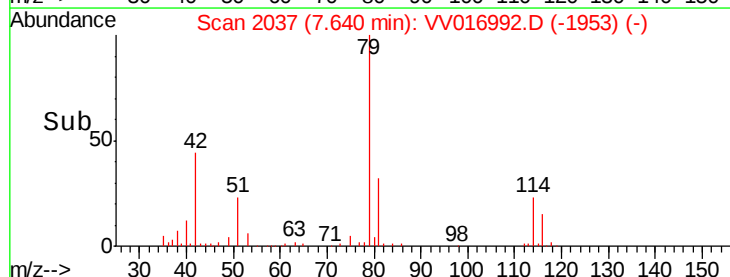
1000

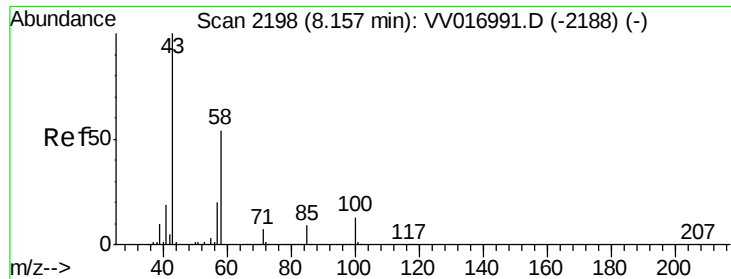
500

0

7.60 7.65 7.70

Time-->





#48
 2-Hexanone
 Concen: 3.433 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016992.D
 Acq: 19 Jun 2020 10:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	10116
Ion	Ratio	Lower	Upper
43	100		
58	56.1	43.1	64.7
57	19.4	15.3	22.9
100	12.8	10.0	15.0

