

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015611.D
 Acq On : 21 Apr 2020 19:24
 Operator : SY/MD
 Sample : L2366-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:17:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130727	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60817	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33794	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	32626	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.12	63	51197	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.91	46	101104	53.09	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.18%
24) Chloroform-d	4.38	84	74098	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	42621	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.08	84	143867	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.09	67	45308	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.34	98	132290	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.64	79	13472	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.11	63	79618	43.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31299	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	50702	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

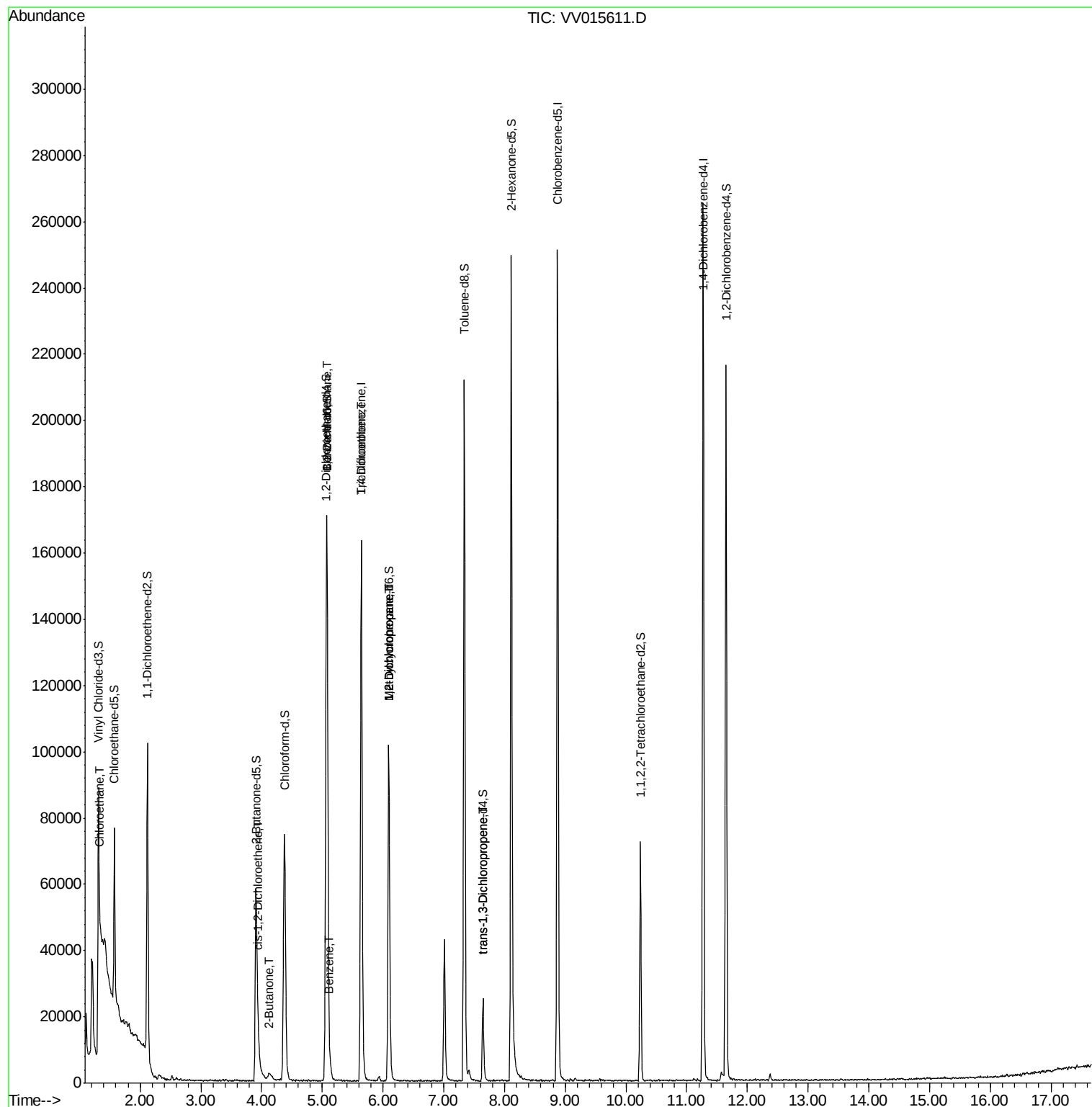
					Ovalue
8) Chloroethane	1.33	64	67127	9.755	ug/L # 51
21) 2-Butanone	4.12	43	3145	1.446	ug/L # 69
22) cis-1,2-Dichloroethene	3.95	96	1089	0.113	ug/L # 96
27) 1,2-Dichloroethane	5.08	62	968	0.084	ug/L # 77
33) Benzene	5.13	78	4012	0.107	ug/L # 100
34) Trichloroethene	5.64	95	2559	0.254	ug/L # 6
35) Methylcyclohexane	6.09	83	11255	0.663	ug/L # 16
37) 1,2-Dichloropropane	6.09	63	5858	0.631	ug/L # 86
44) trans-1,3-Dichloropropene	7.64	75	729	0.061	ug/L # 64

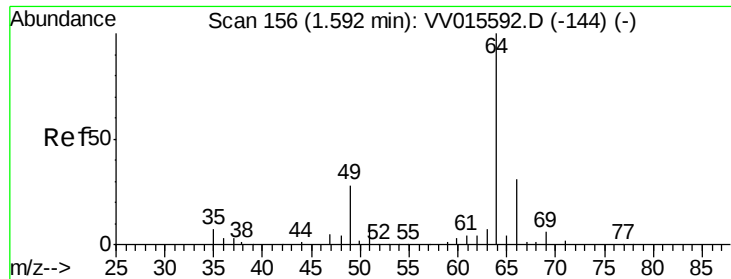
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 22 00:11:50 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 9.755 ug/L

RT: 1.33 min Scan# 76

Delta R.T. -0.26 min

Lab File: VV015611.D

Acq: 21 Apr 2020 19:24

Instrument :

MSVOA_V

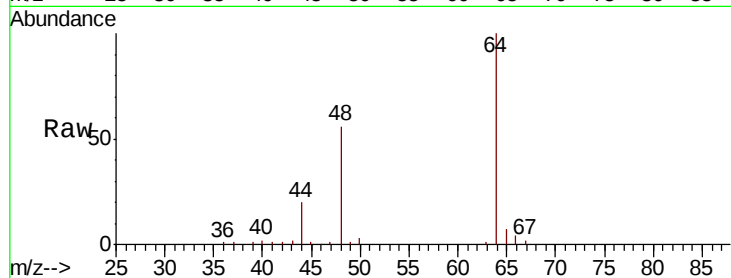
ClientSampled :

Tot Ion: 64 Resp: 67127

Ion Ratio Lower Upper

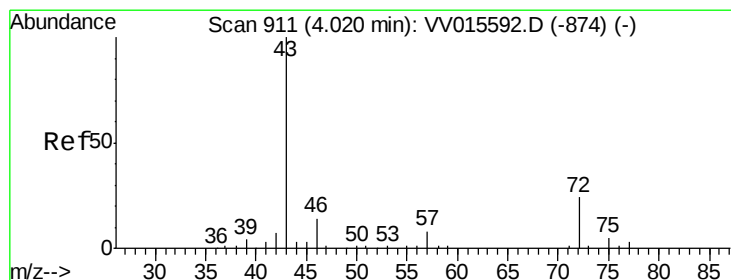
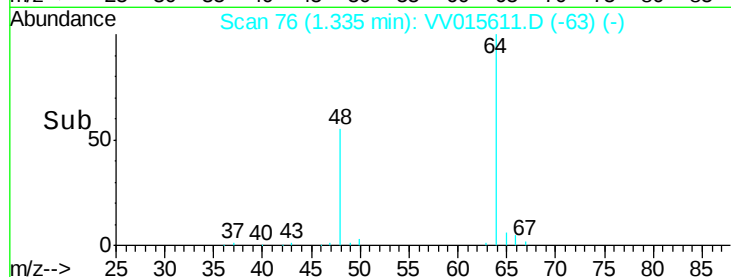
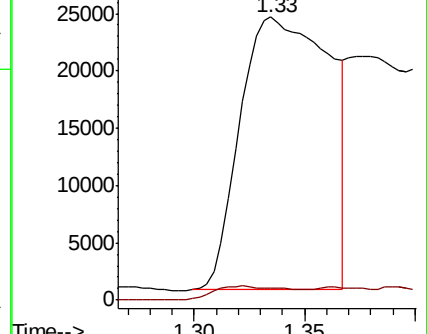
64 100

66 4.4 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#21

2-Butanone

Concen: 1.446 ug/L

RT: 4.12 min Scan# 943

Delta R.T. 0.10 min

Lab File: VV015611.D

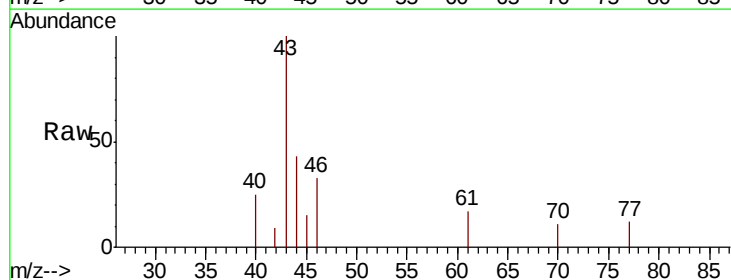
Acq: 21 Apr 2020 19:24

Tgt Ion: 43 Resp: 3145

Ion Ratio Lower Upper

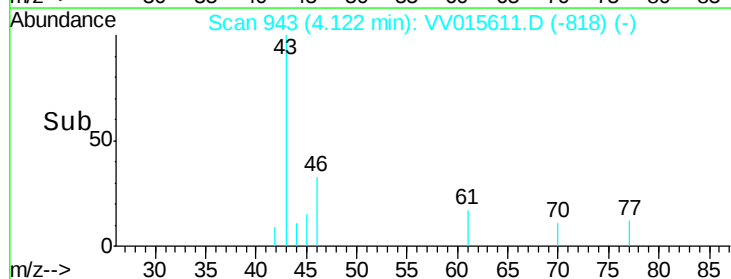
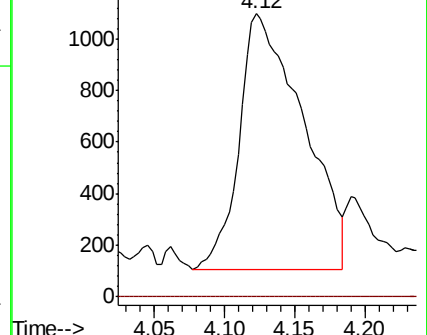
43 100

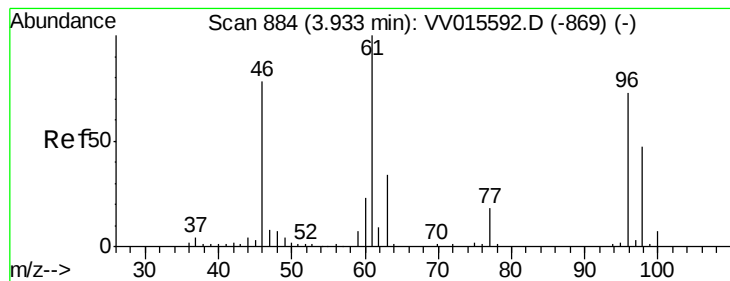
72 0.0 5.9 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



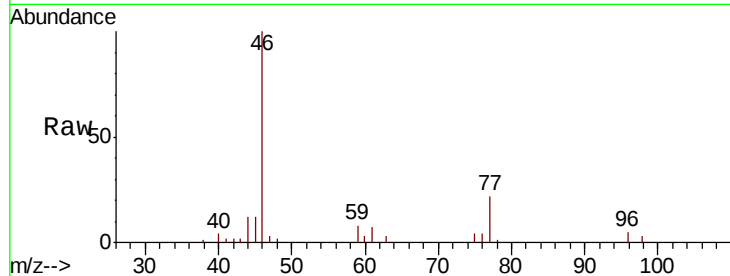


#22

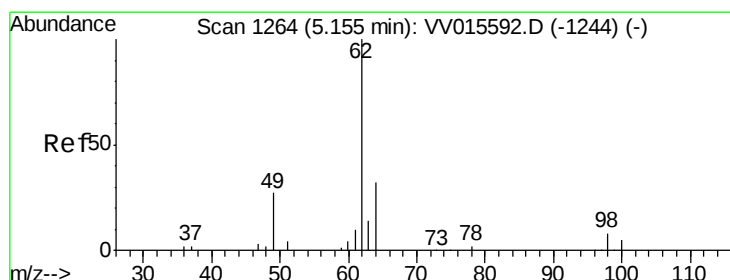
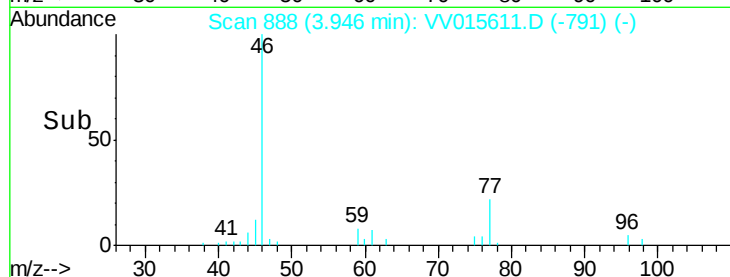
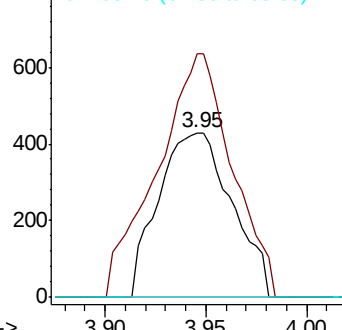
cis-1,2-Dichloroethene
 Concen: 0.113 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV015611.D
 Acq: 21 Apr 2020 19:24

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 1089
 Ion Ratio Lower Upper
 96 100
 61 147.4 100.0 185.8
 68 0.0 0.0 0.0



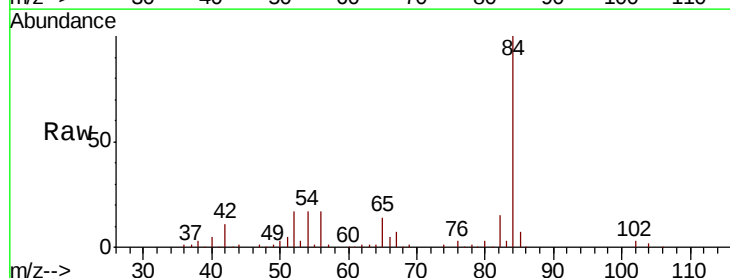
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



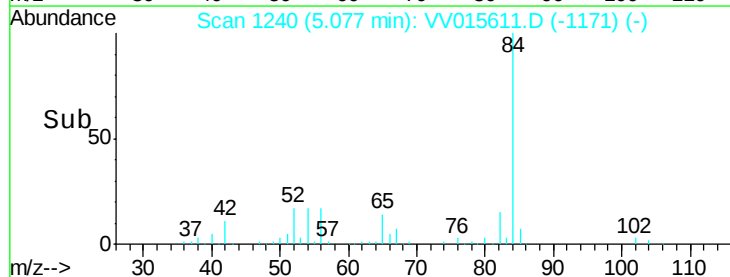
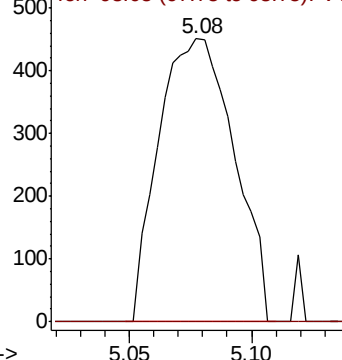
#27

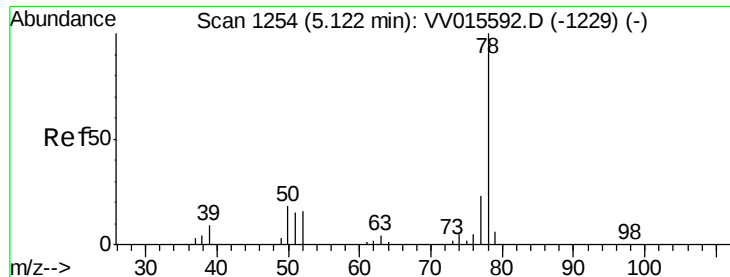
1,2-Dichloroethane
 Concen: 0.084 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV015611.D
 Acq: 21 Apr 2020 19:24

Tgt Ion: 62 Resp: 968
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.05 (97.75 to 98.75): VV0

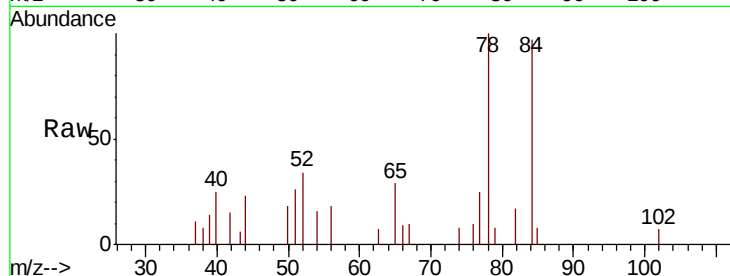




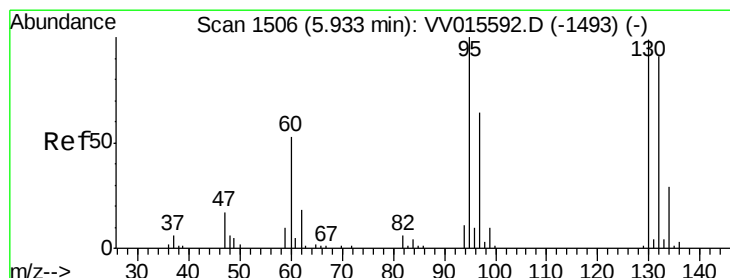
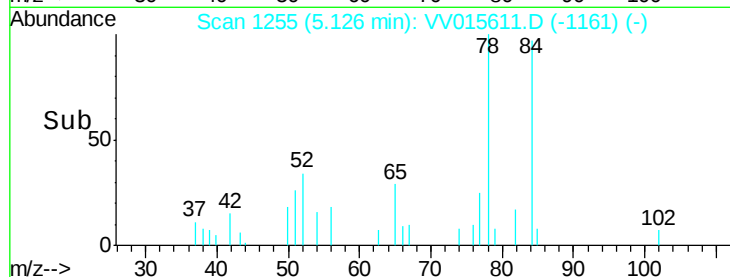
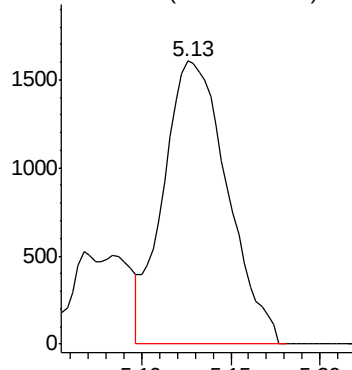
#33
Benzene
Concen: 0.107 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015611.D
Acq: 21 Apr 2020 19:24

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 4012

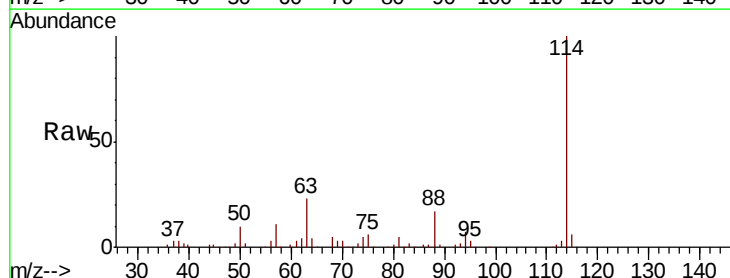


Abundance Ion 78.10 (77.80 to 78.80): VV0



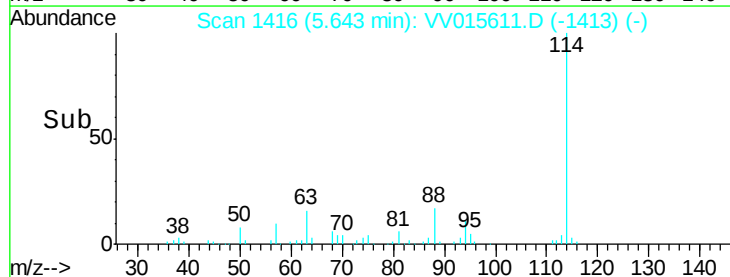
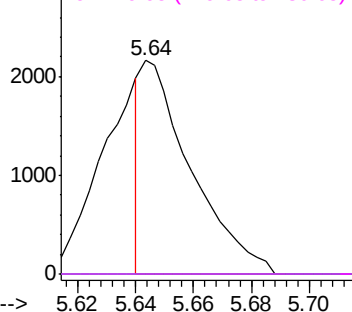
#34
Trichloroethene
Concen: 0.254 ug/L
RT: 5.64 min Scan# 1416
Delta R.T. -0.29 min
Lab File: VV015611.D
Acq: 21 Apr 2020 19:24

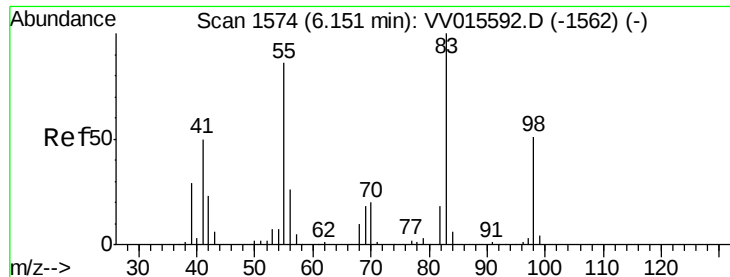
Tgt Ion: 95 Resp: 2559
Ion Ratio Lower Upper
95 100
97 0.0 45.4 84.4#
132 0.0 64.8 120.4#
130 0.0 67.4 125.2#



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

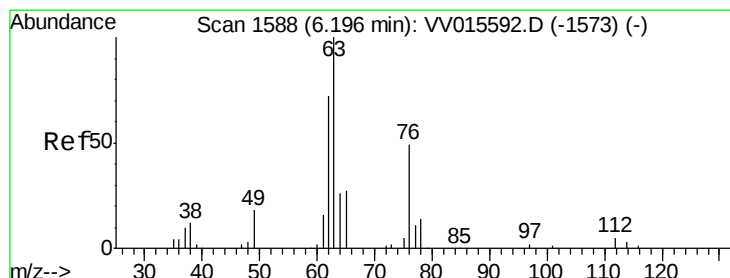
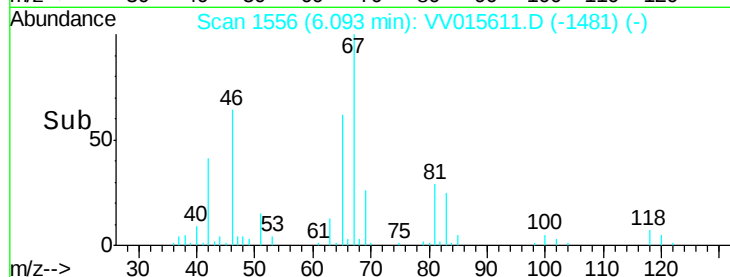
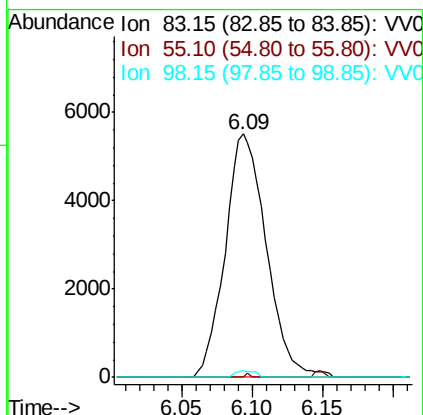
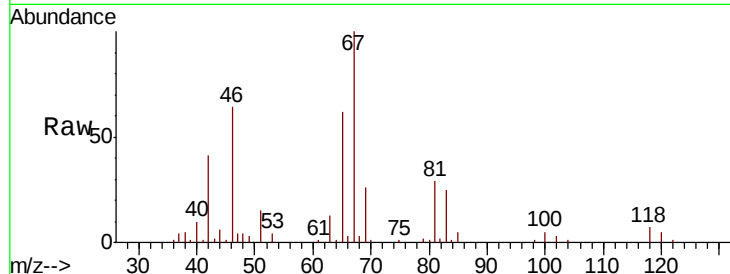




#35
Methvlcvclohexane
Concen: 0.663 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015611.D
Acq: 21 Apr 2020 19:24

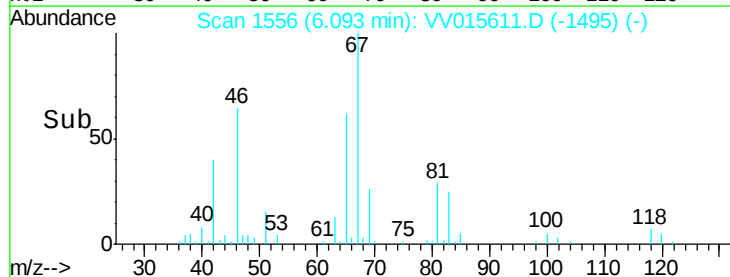
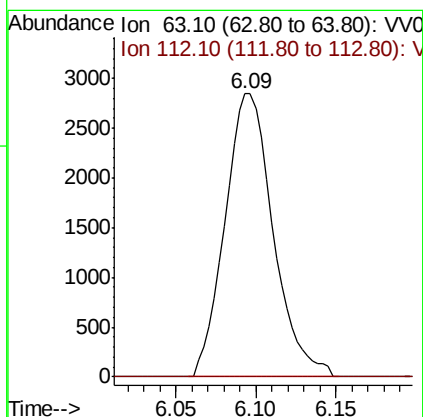
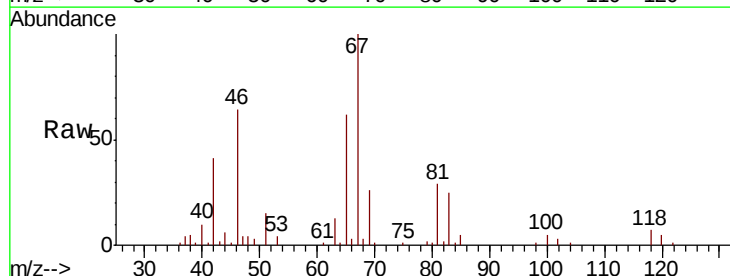
Instrument :
MSVOA_V
ClientSampleId :

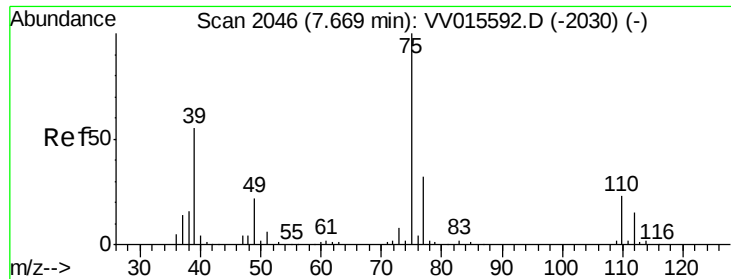
Tot Ion: 83 Resp: 11255
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 1.3 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015611.D
Acq: 21 Apr 2020 19:24

Tgt Ion: 63 Resp: 5858
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV015611.D

Acq: 21 Apr 2020 19:24

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 729

Ion Ratio Lower Upper

75 100

77 49.6 21.0 39.0#

