

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015656.D
 Acq On : 23 Apr 2020 12:39
 Operator : SY/MD
 Sample : L2393-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:30:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 03:28:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137199	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	132151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30719	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	31628	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	48673	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.91	46	104596	45.43	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.86%
24) Chloroform-d	4.38	84	71235	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	43502	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.08	84	141731	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.09	67	44463	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.34	98	129748	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.64	79	15611	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.11	63	79110	41.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31747	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	49497	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

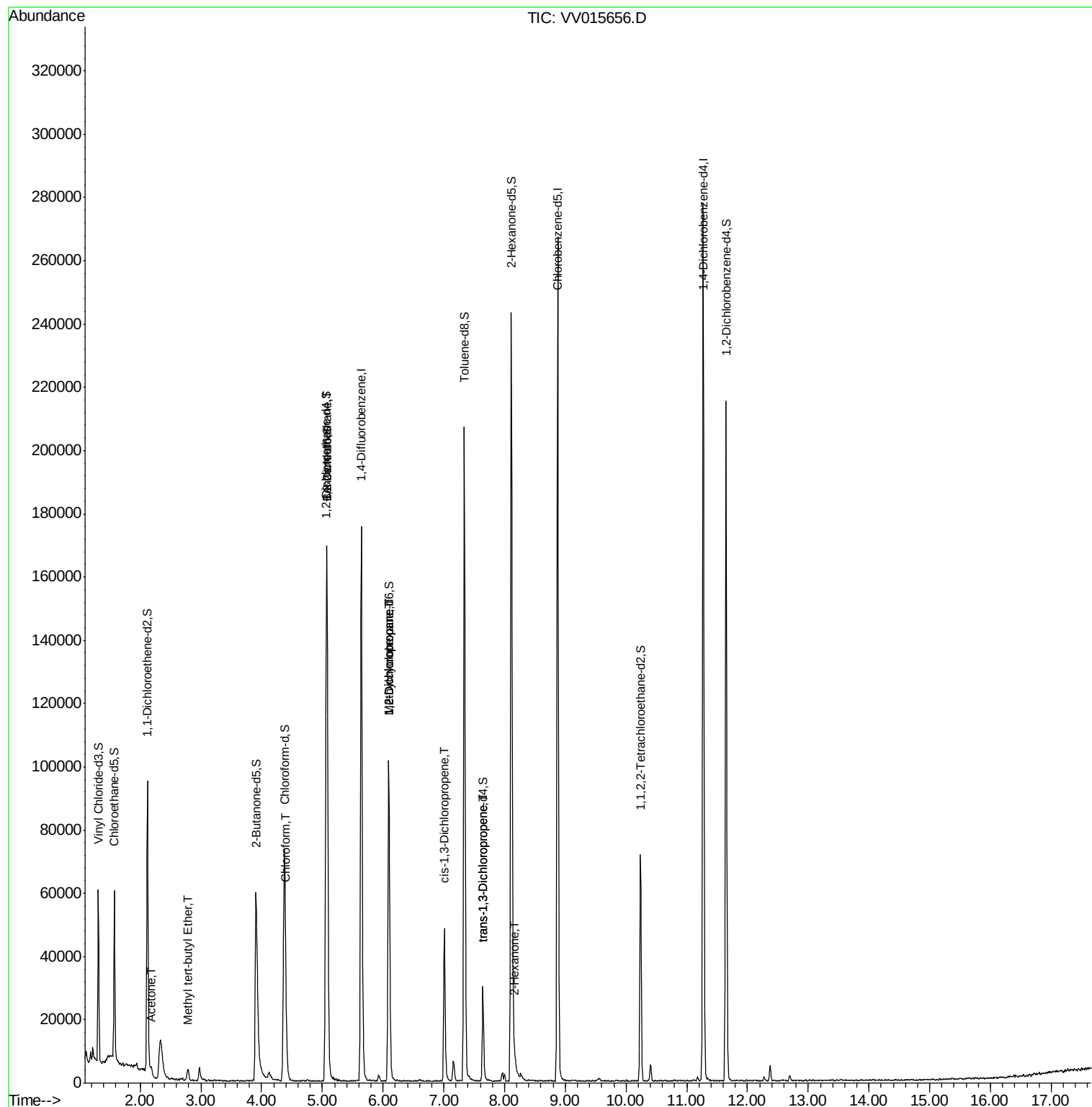
					Ovalue
13) Acetone	2.19	43	3255	2.036	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	3145	0.140	ug/L # 86
25) Chloroform	4.40	83	7680	0.412	ug/L 89
27) 1,2-Dichloroethane	5.07	62	675	0.055	ug/L # 78
35) Methylcyclohexane	6.09	83	10930	0.683	ug/L # 16
37) 1,2-Dichloropropane	6.09	63	5824	0.607	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1342	0.100	ug/L # 58
44) trans-1,3-Dichloropropene	7.64	75	691	0.061	ug/L # 69
48) 2-Hexanone	8.17	43	2555	0.575	ug/L # 84

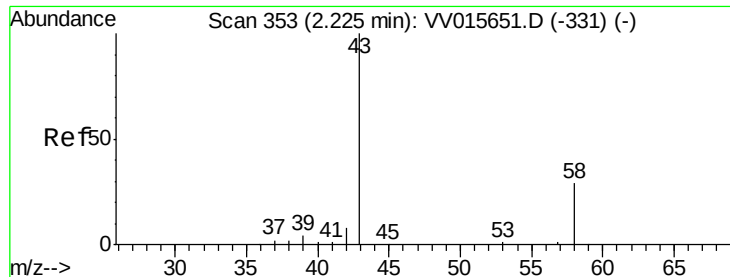
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042320\
Data File : VV015656.D
Acq On : 23 Apr 2020 12:39
Operator : SY/MD
Sample : L2393-01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 24 03:30:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 24 03:28:15 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.036 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV015656.D

Acq: 23 Apr 2020 12:39

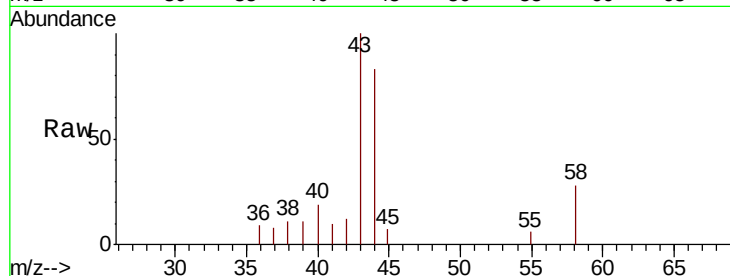
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 3255

Ion Ratio Lower Upper

43 100

58 27.3 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015656.D (-260) (-)

Ion 58.05 (57.75 to 58.75): VV015656.D (-260) (-)

2.19

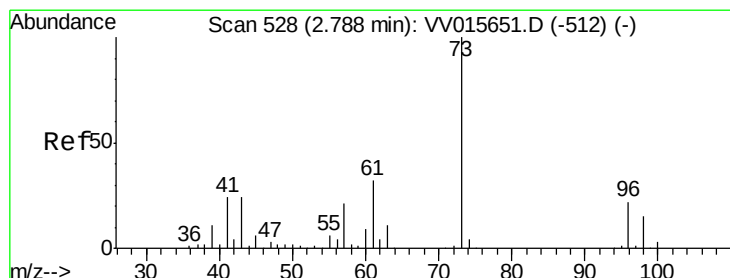
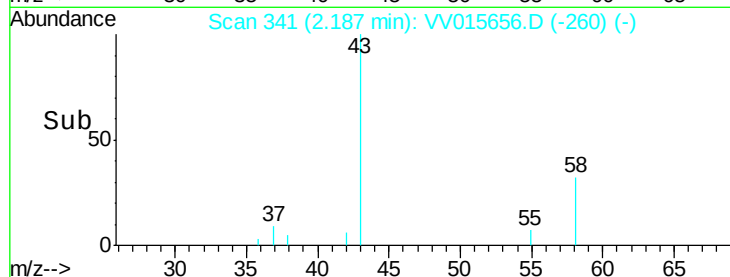
1500

1000

500

0

Time--> 2.10 2.15 2.20 2.25



#17

Methyl tert-butyl Ether

Concen: 0.140 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV015656.D

Acq: 23 Apr 2020 12:39

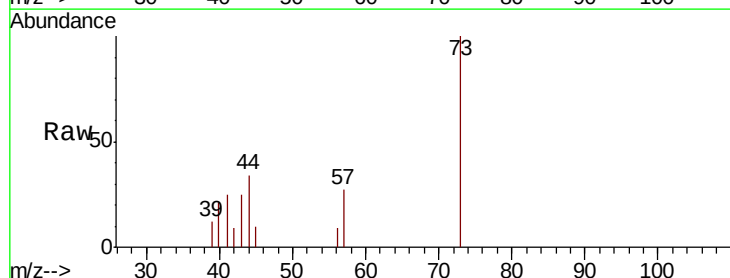
Tgt Ion: 73 Resp: 3145

Ion Ratio Lower Upper

73 100

43 34.2 20.1 30.1#

57 26.9 17.8 26.8#



Abundance Ion 73.10 (72.80 to 73.80): VV015656.D (-435) (-)

Ion 43.05 (42.75 to 43.75): VV015656.D (-435) (-)

Ion 57.10 (56.80 to 57.80): VV015656.D (-435) (-)

2.79

2000

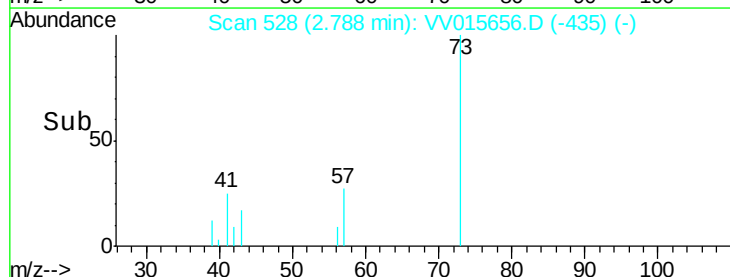
1500

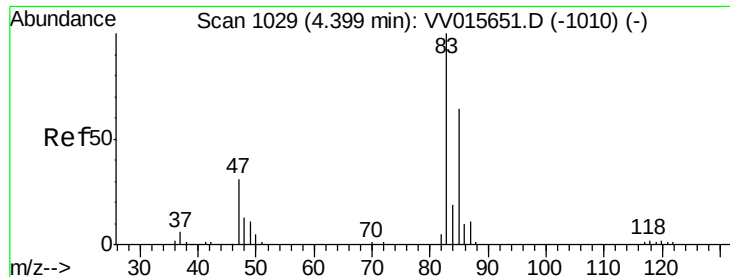
1000

500

0

Time--> 2.75 2.80 2.85

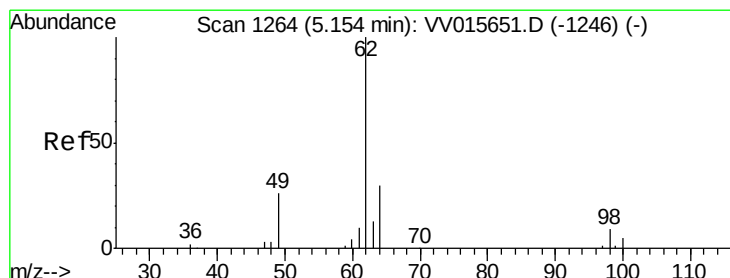
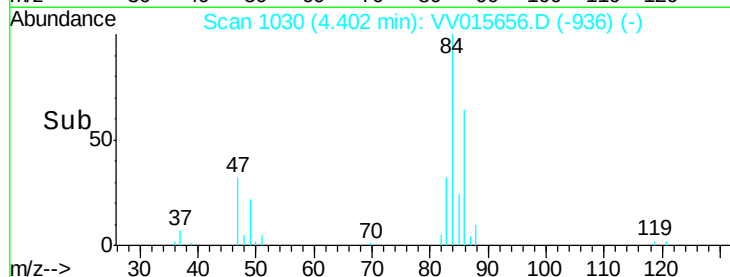
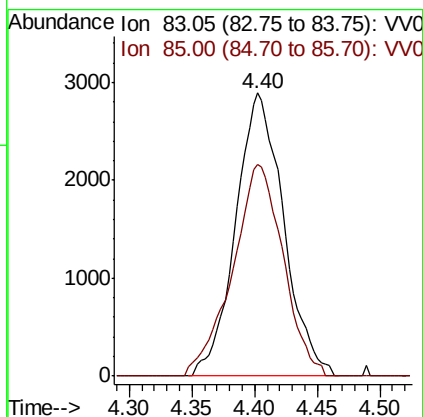
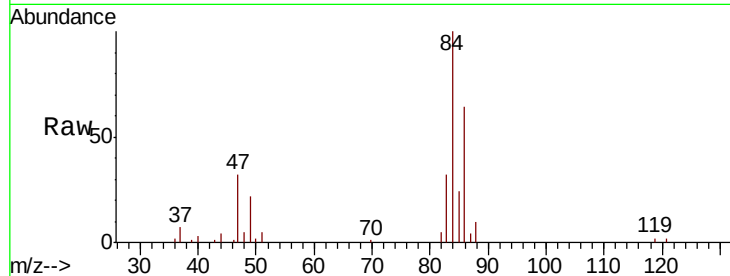




#25
Chloroform
Concen: 0.412 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015656.D
Acq: 23 Apr 2020 12:39

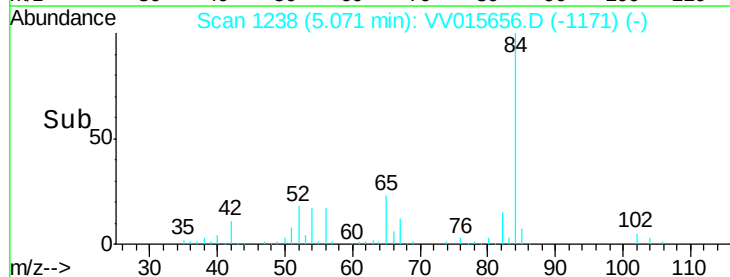
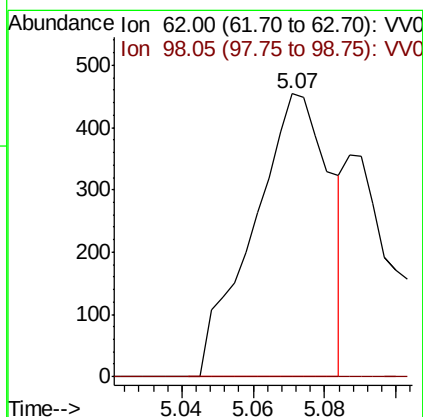
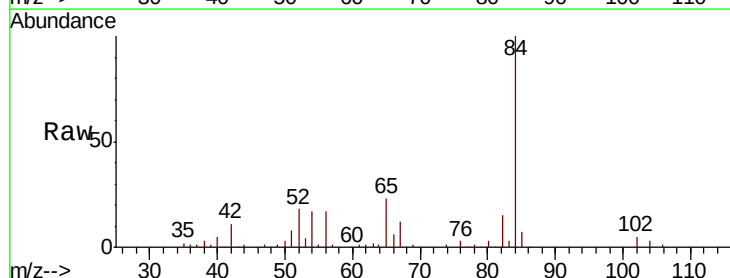
Instrument :
MSVOA_V
ClientSampleId :

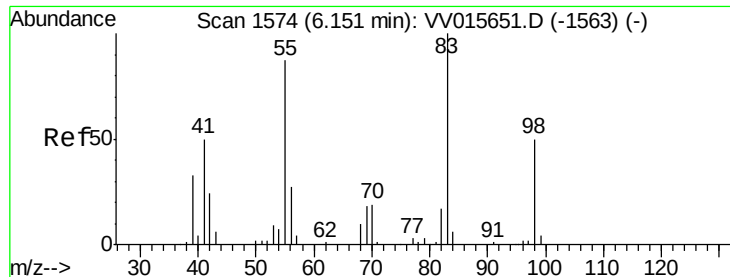
Tot Ion: 83 Resp: 7680
Ion Ratio Lower Upper
83 100
85 74.7 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.055 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VV015656.D
Acq: 23 Apr 2020 12:39

Tgt Ion: 62 Resp: 675
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#

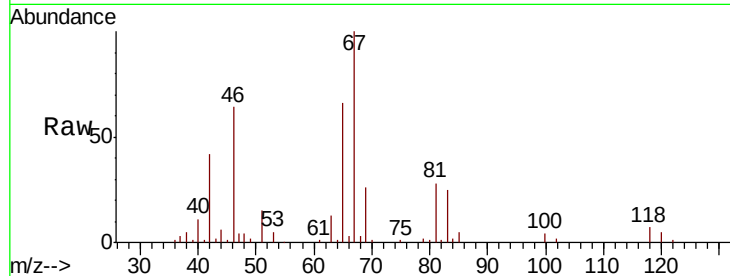




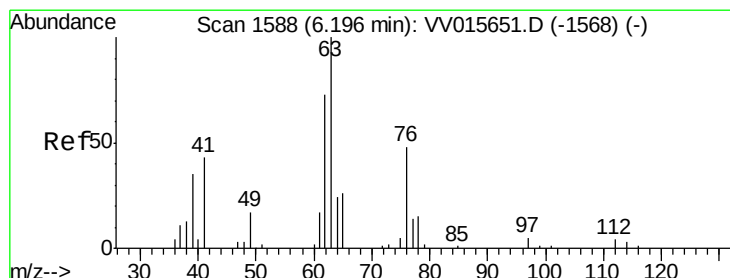
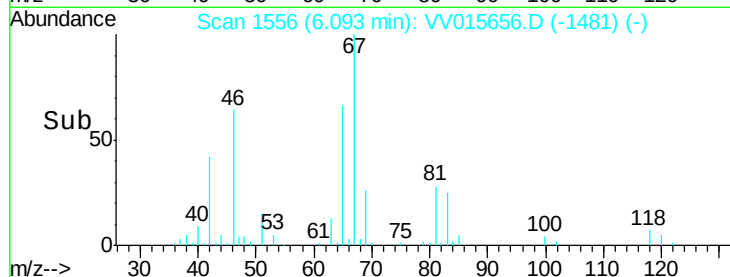
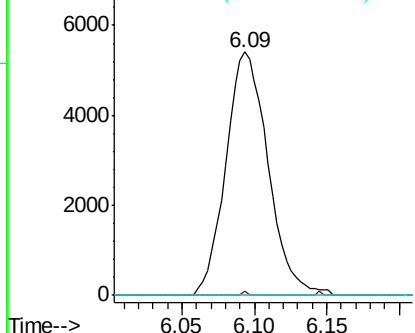
#35
Methvlcvclohexane
Concen: 0.683 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015656.D
Acq: 23 Apr 2020 12:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 10930
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 0.4 39.5 59.3#

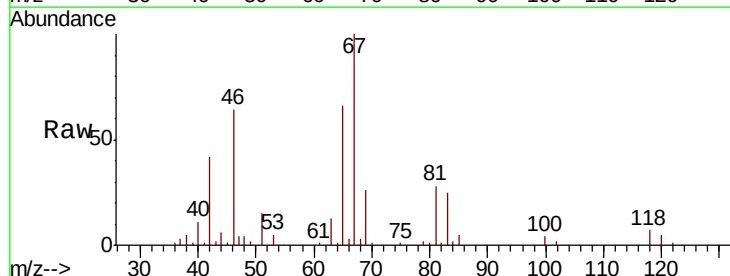


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

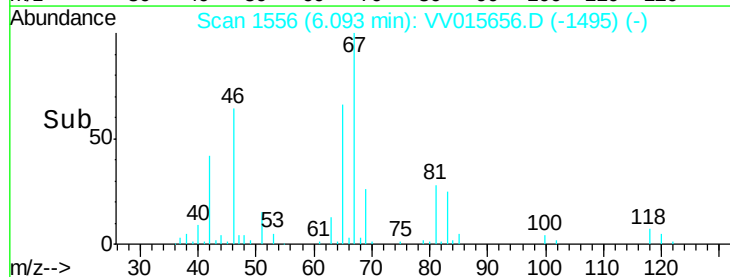
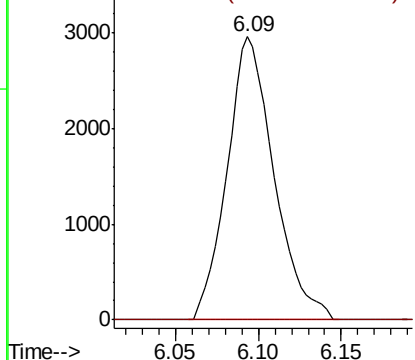


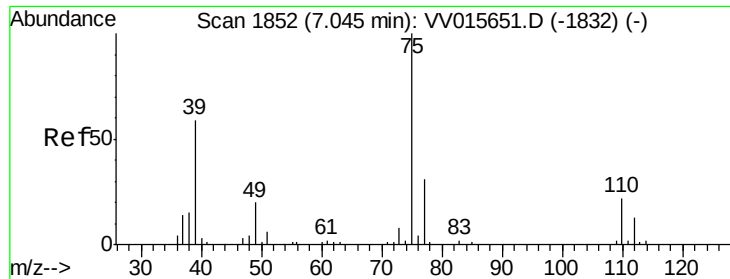
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015656.D
Acq: 23 Apr 2020 12:39

Tgt Ion: 63 Resp: 5824
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

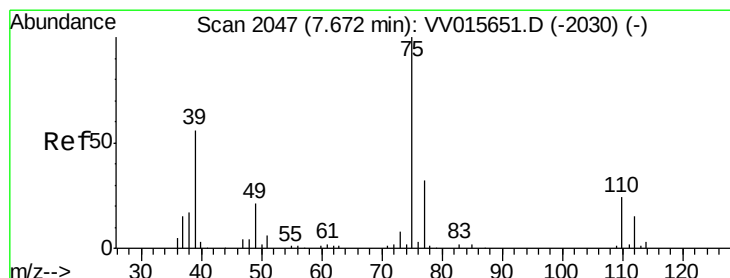
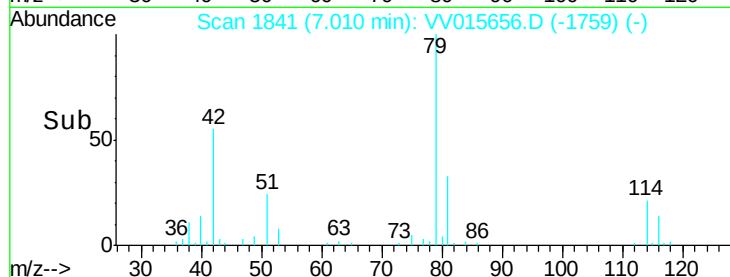
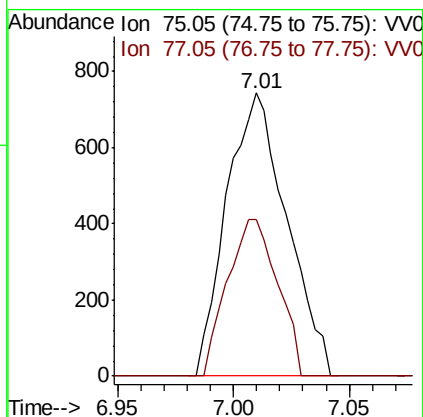
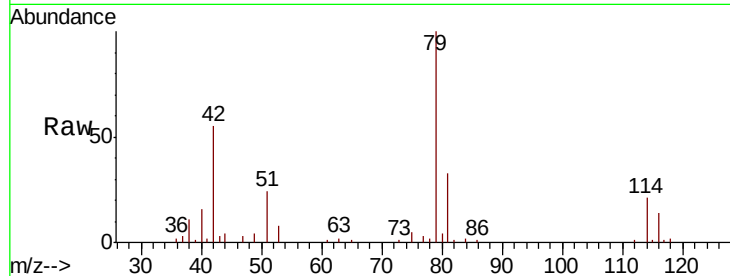




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015656.D
 Acq: 23 Apr 2020 12:39

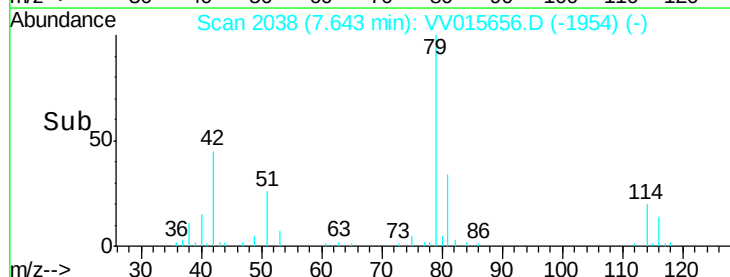
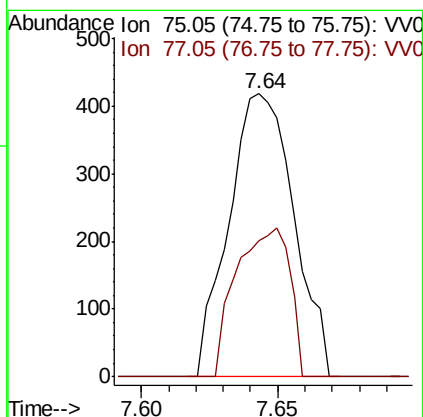
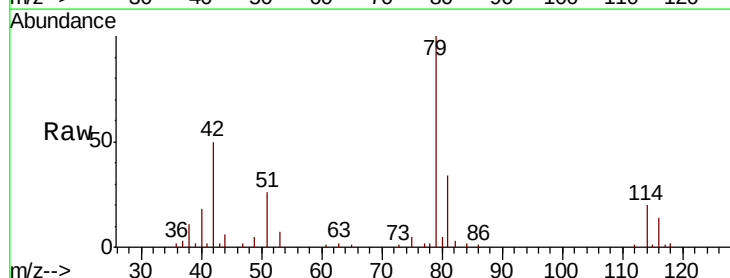
Instrument :
 MSVOA_V
 ClientSampleId :

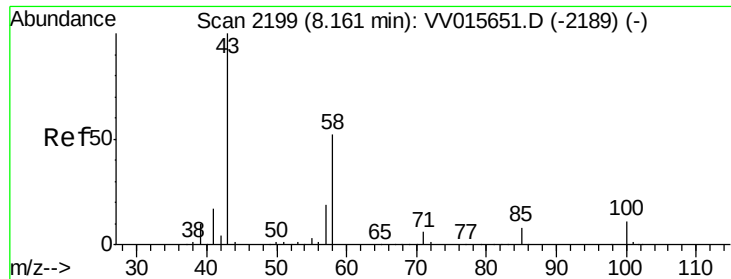
Tot Ion: 75 Resp: 1342
 Ion Ratio Lower Upper
 75 100
 77 55.5 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015656.D
 Acq: 23 Apr 2020 12:39

Tgt Ion: 75 Resp: 691
 Ion Ratio Lower Upper
 75 100
 77 48.1 21.8 40.6#





#48

2-Hexanone

Concen: 0.575 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV015656.D

Acq: 23 Apr 2020 12:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	2555
Ion	Ratio	Lower	Upper
43	100		
58	40.4	41.1	61.7#
57	13.9	15.0	22.4#
100	0.0	9.0	13.4#

