

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017725.D
 Acq On : 29 Jul 2020 13:04
 Operator : SY/MD
 Sample : VIBLK45
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:30:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 30 04:28:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138788	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	137807	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	70449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34457	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.58	69	29362	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.80%
11) 1,1-Dichloroethene-d2	2.12	63	56220	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.93	46	71087	44.84	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.68%
24) Chloroform-d	4.38	84	82777	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.06	65	46460	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.07	84	144761	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.09	67	39658	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	132555	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
45) trans-1,3-Dichloropropene-	7.65	79	15885	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
48) 2-Hexanone-d5	8.11	63	49130	41.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26061	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	55922	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

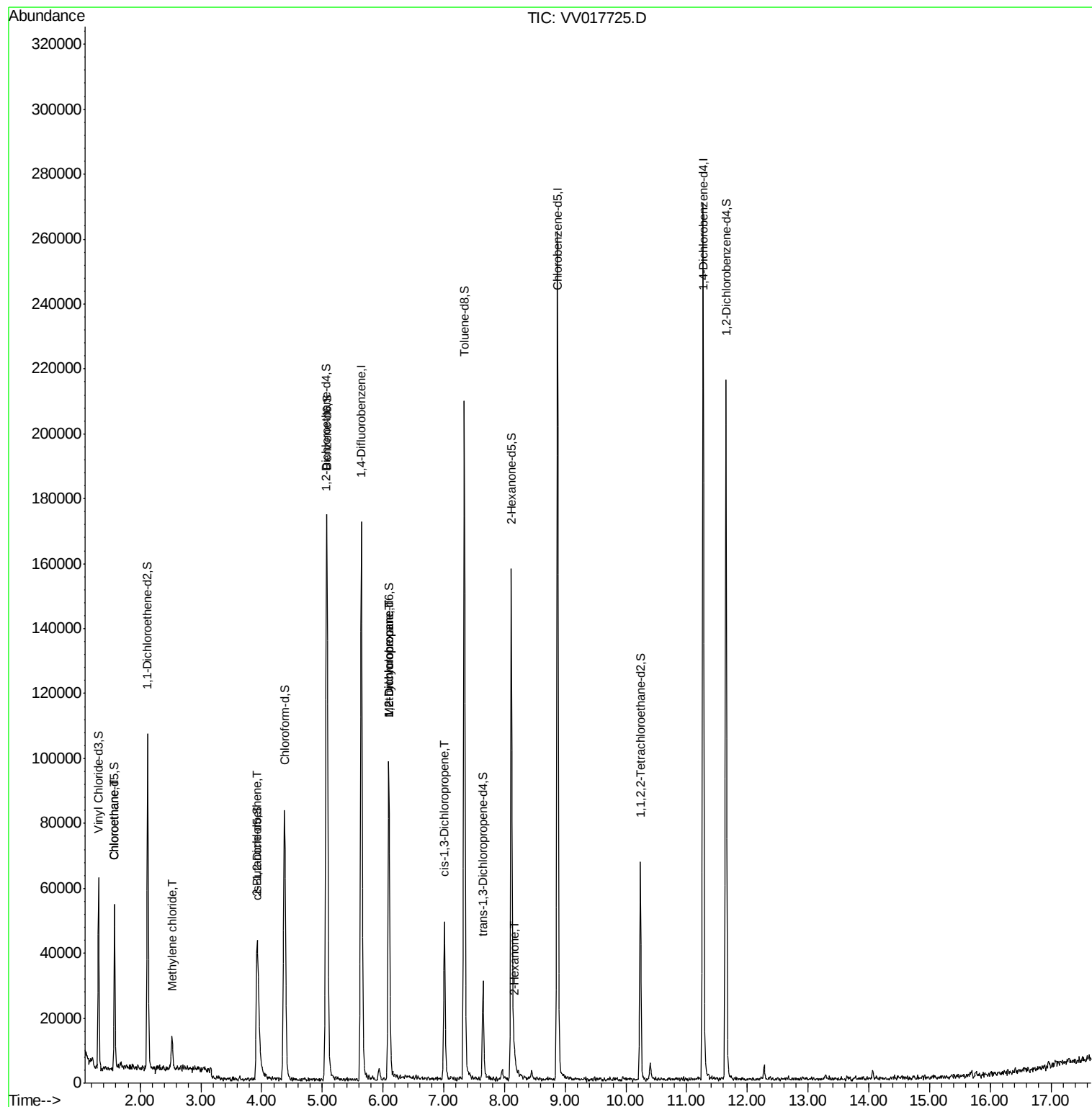
					Ovalue
8) Chloroethane	1.59	64	313	0.055 ug/L #	73
16) Methylene chloride	2.52	84	4122	0.496 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	2029	0.198 ug/L	84
35) Methylcyclohexane	6.09	83	11612	0.705 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	5573	0.608 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1511	0.109 ug/L #	66
50) 2-Hexanone	8.16	43	3387	0.952 ug/L #	79

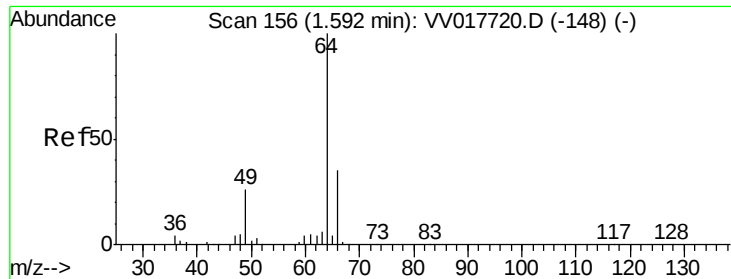
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072920\
Data File : VV017725.D
Acq On : 29 Jul 2020 13:04
Operator : SY/MD
Sample : VIBLK45
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 30 04:30:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 30 04:28:04 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.055 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.00 min

Lab File: VV017725.D

Acq: 29 Jul 2020 13:04

Instrument :

MSVOA_V

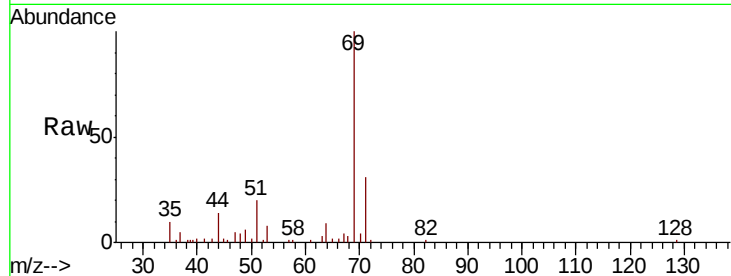
ClientSampled :

Tot Ion: 64 Resp: 313

Ion Ratio Lower Upper

64 100

66 18.5 24.0 44.6#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.59

800

600

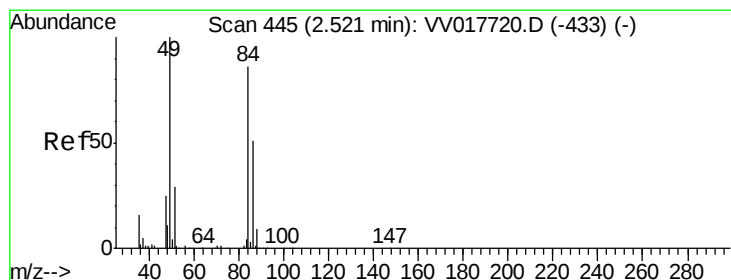
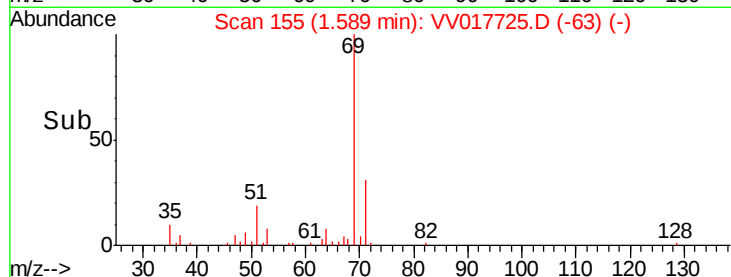
400

200

0

1.58 1.60

Time-->



#16

Methylene chloride

Concen: 0.496 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017725.D

Acq: 29 Jul 2020 13:04

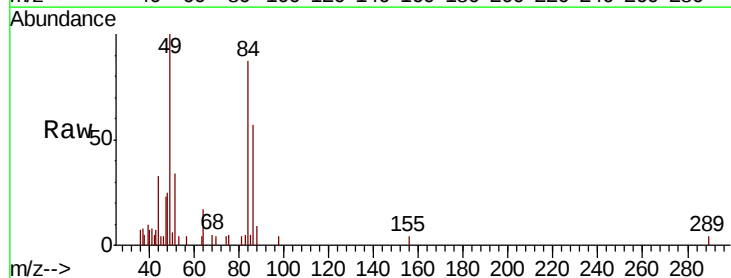
Tgt Ion: 84 Resp: 4122

Ion Ratio Lower Upper

84 100

86 65.6 46.5 86.3

49 114.9 79.2 147.2



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2.52

3000

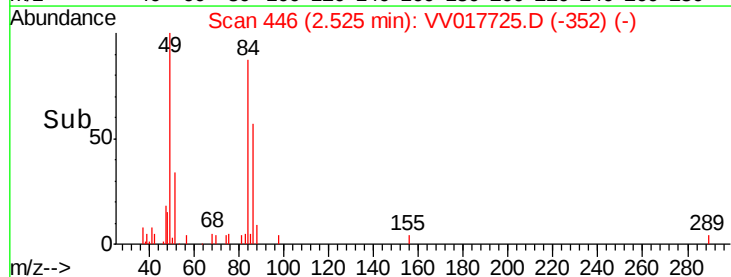
2000

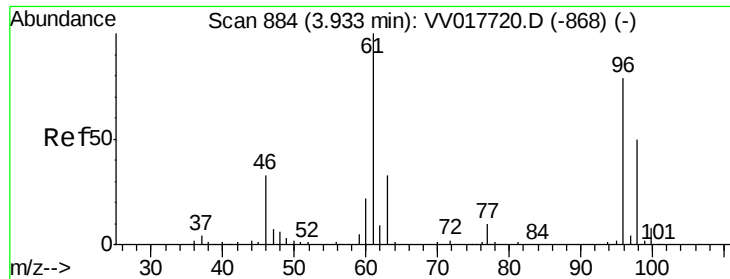
1000

0

2.50 2.55

Time-->



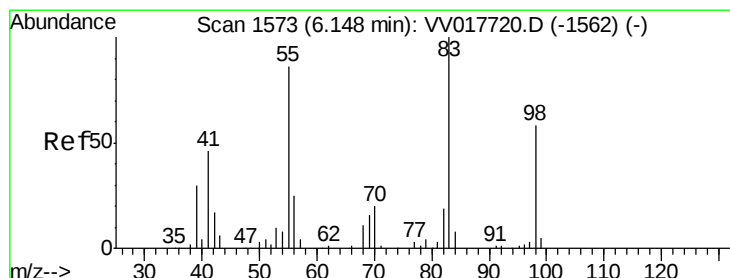
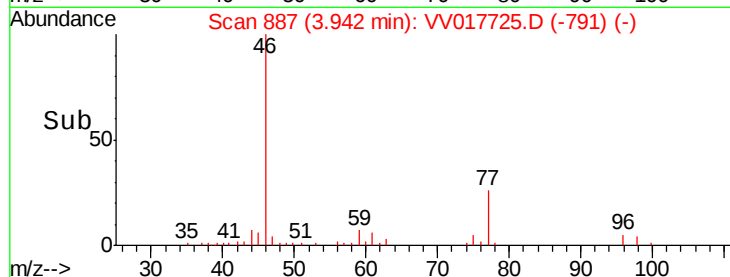
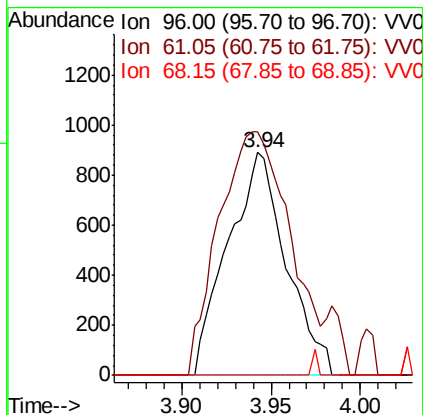
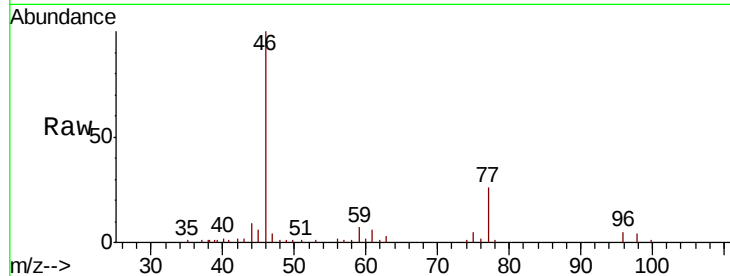


#22

cis-1,2-Dichloroethene
 Concen: 0.198 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017725.D
 Acq: 29 Jul 2020 13:04

Instrument :
 MSVOA_V
 ClientSampleId :

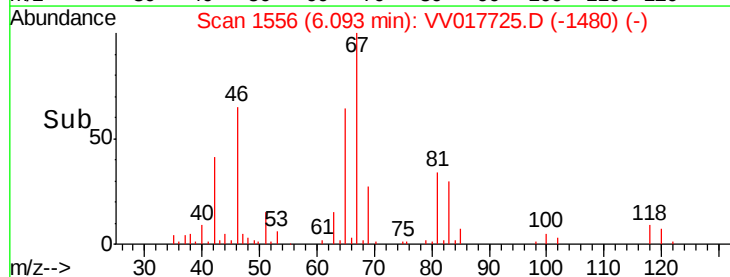
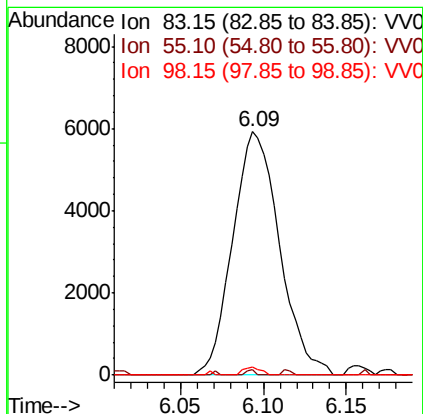
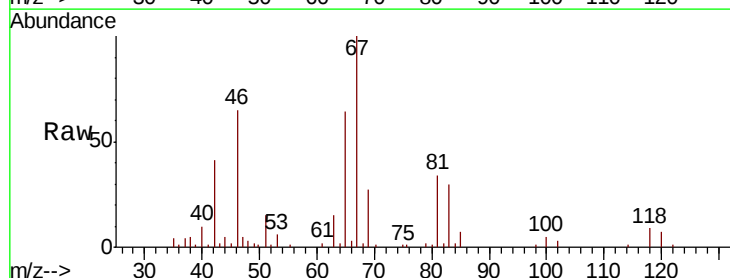
Tot Ion: 96 Resp: 2029
 Ion Ratio Lower Upper
 96 100
 61 109.1 89.6 166.4
 68 0.0 0.0 0.0

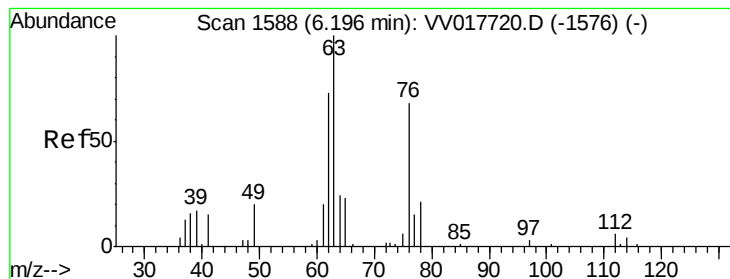


#35

Methylcyclohexane
 Concen: 0.705 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: VV017725.D
 Acq: 29 Jul 2020 13:04

Tgt Ion: 83 Resp: 11612
 Ion Ratio Lower Upper
 83 100
 55 0.4 61.8 92.8#
 98 1.2 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017725.D

Acq: 29 Jul 2020 13:04

Instrument :

MSVOA_V

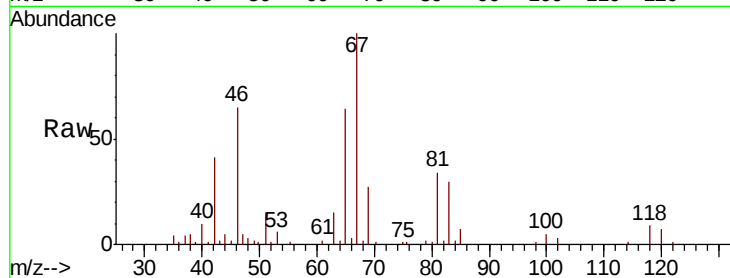
ClientSampleId :

Tot Ion: 63 Resp: 5573

Ion Ratio Lower Upper

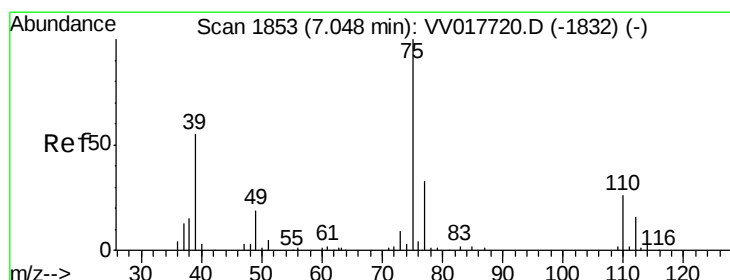
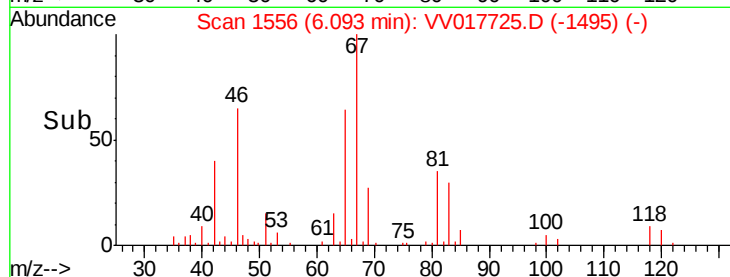
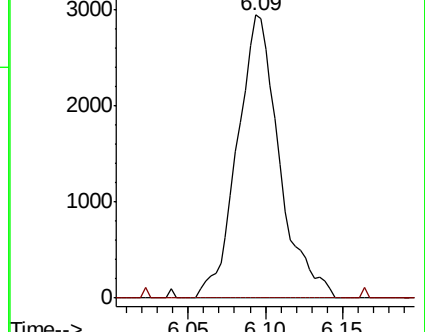
63 100

112 0.4 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV017720.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV017720.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017725.D

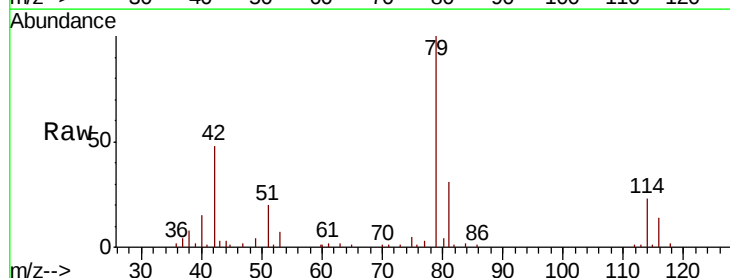
Acq: 29 Jul 2020 13:04

Tgt Ion: 75 Resp: 1511

Ion Ratio Lower Upper

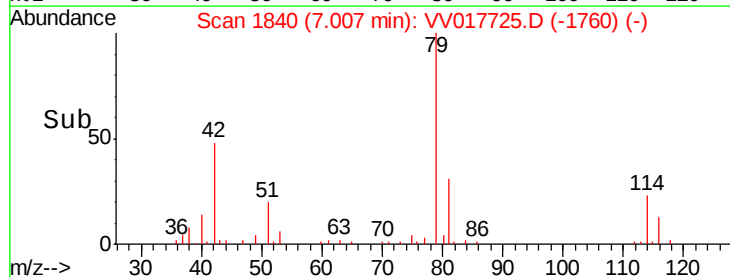
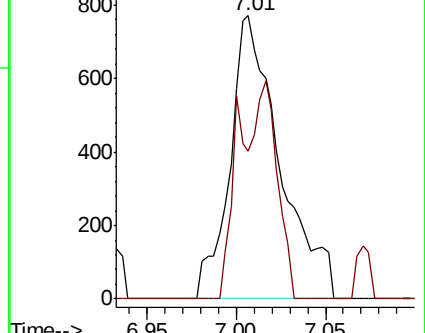
75 100

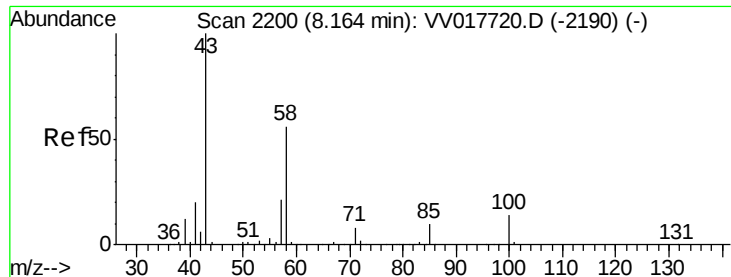
77 52.4 23.2 43.2#



Abundance Ion 75.05 (74.75 to 75.75): VV017720.D (-1832) (-)

Ion 77.05 (76.75 to 77.75): VV017720.D (-1832) (-)





#50
 2-Hexanone
 Concen: 0.952 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VV017725.D
 Acq: 29 Jul 2020 13:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	3387
Ion	Ratio	Lower	Upper
43	100		
58	32.0	41.6	62.4#
57	19.8	15.4	23.0
100	5.3	11.2	16.8#

