

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017672.D
 Acq On : 27 Jul 2020 12:26
 Operator : SY/MD
 Sample : L3443-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:54:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	139847	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138455	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30875	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	26287	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.12	63	52248	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.95	46	73883	46.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.50%
24) Chloroform-d	4.37	84	83606	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.06	65	46881	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.07	84	143445	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.10	67	40620	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.34	98	125632	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
45) trans-1,3-Dichloropropene-	7.64	79	16138	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
48) 2-Hexanone-d5	8.11	63	49418	41.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27035	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	54985	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

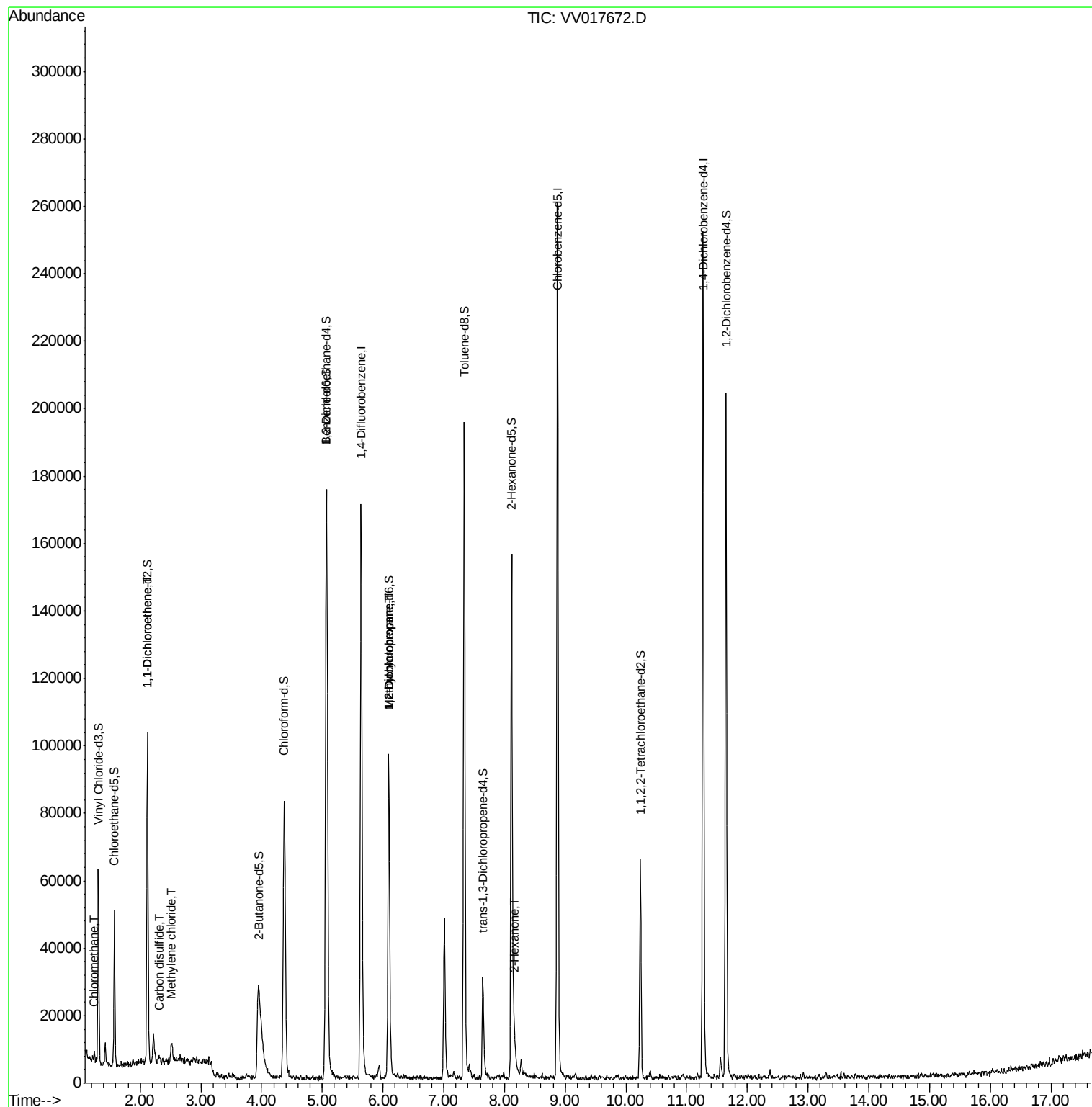
					Ovalue
3) Chloromethane	1.25	50	1333	0.134 ug/L	84
12) 1,1-Dichloroethene	2.12	96	560	0.074 ug/L #	1
14) Carbon disulfide	2.31	76	1657	0.072 ug/L #	88
16) Methylene chloride	2.52	84	2336	0.279 ug/L #	89
35) Methylcyclohexane	6.09	83	12077	0.729 ug/L #	20
37) 1,2-Dichloropropane	6.09	63	5377	0.584 ug/L #	87
50) 2-Hexanone	8.17	43	5012	1.403 ug/L #	86

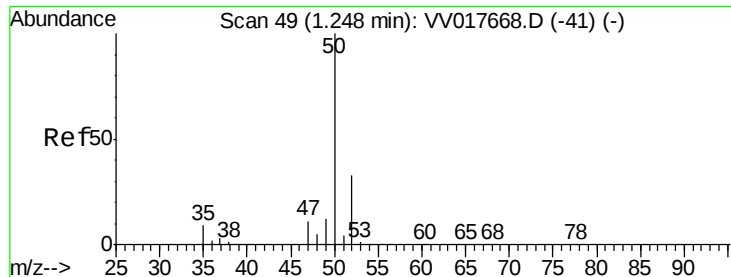
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.134 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017672.D

Acq: 27 Jul 2020 12:26

Instrument :

MSVOA_V

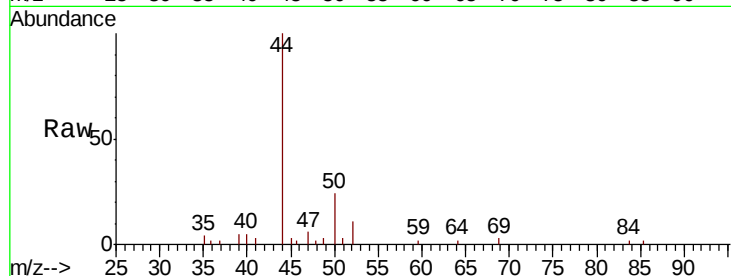
ClientSampled :

Tot Ion: 50 Resp: 1333

Ion Ratio Lower Upper

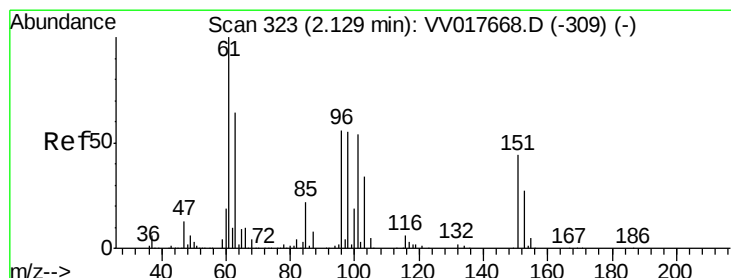
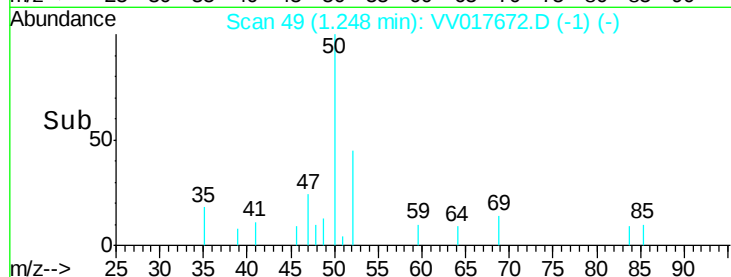
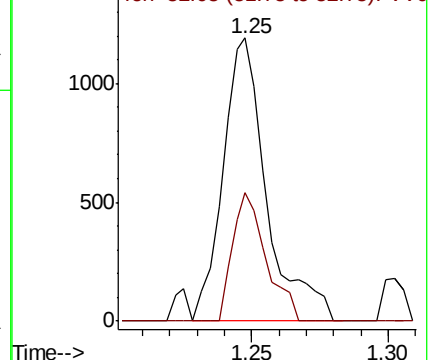
50 100

52 45.4 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017672.D

Acq: 27 Jul 2020 12:26

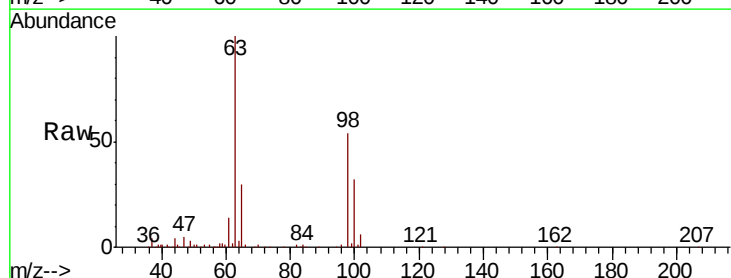
Tgt Ion: 96 Resp: 560

Ion Ratio Lower Upper

96 100

61 1330.2 123.1 228.7#

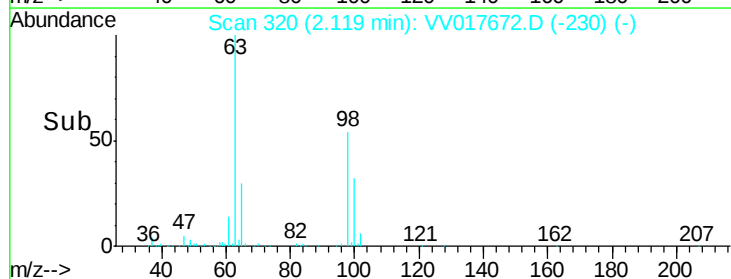
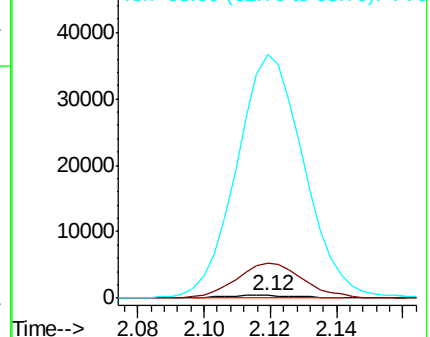
63 9210.1 91.2 169.4#

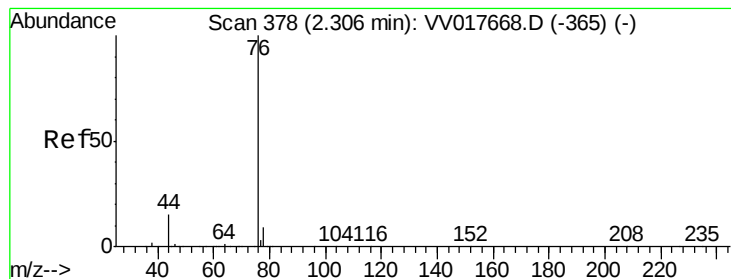


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.072 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV017672.D

Acq: 27 Jul 2020 12:26

Instrument :

MSVOA_V

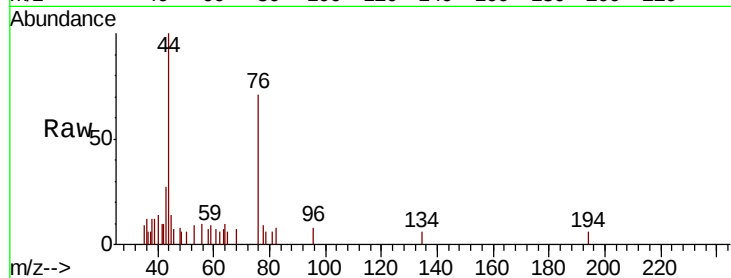
ClientSampled :

Tot Ion: 76 Resp: 1657

Ion Ratio Lower Upper

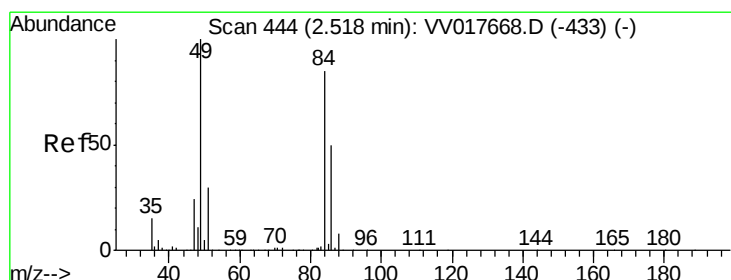
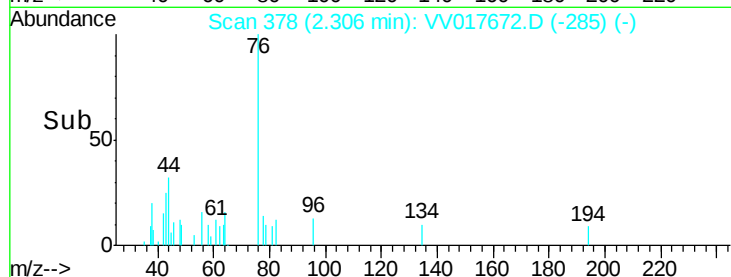
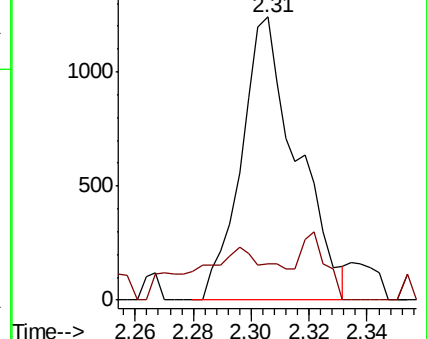
76 100

78 12.7 6.6 10.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.279 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017672.D

Acq: 27 Jul 2020 12:26

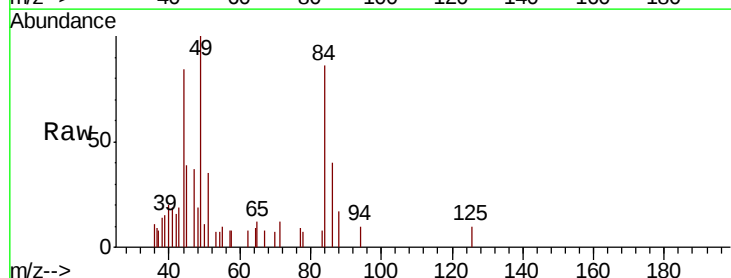
Tgt Ion: 84 Resp: 2336

Ion Ratio Lower Upper

84 100

86 46.4 46.5 86.3#

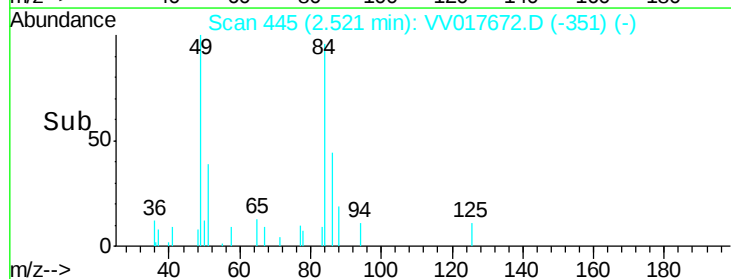
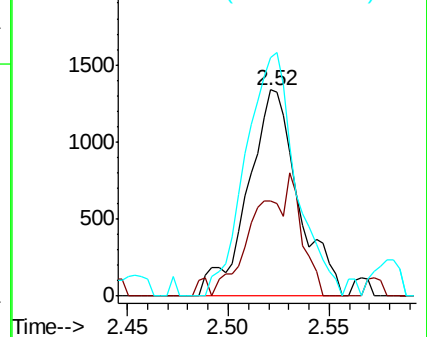
49 115.9 79.2 147.2

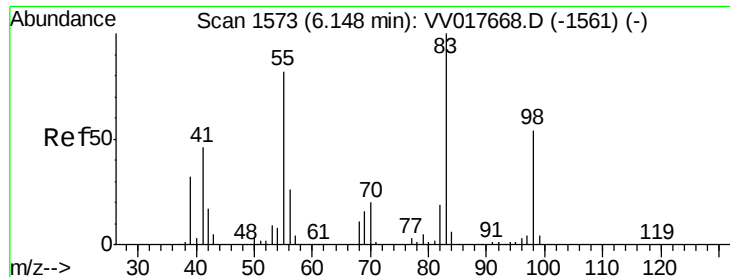


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

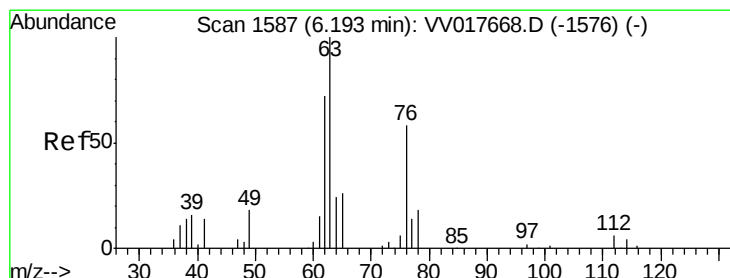
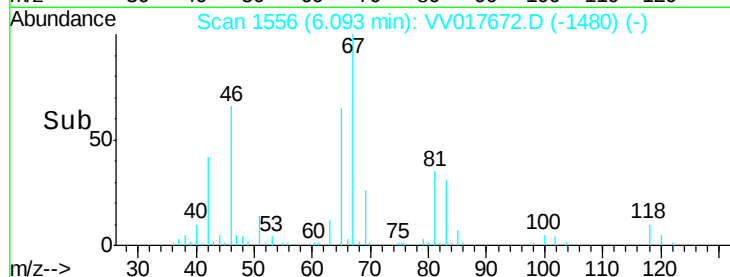
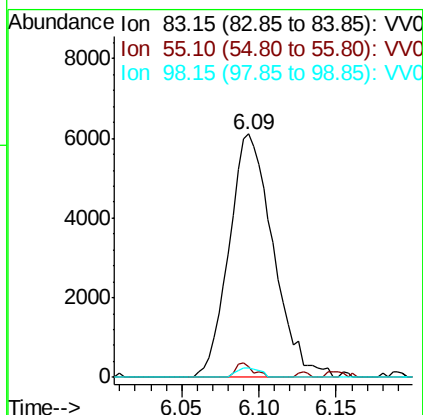
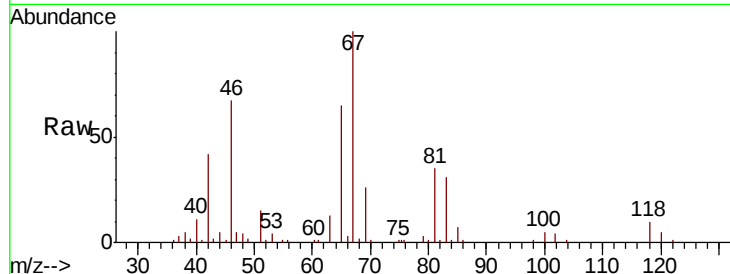




#35
Methvlcvclohexane
Concen: 0.729 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017672.D
Acq: 27 Jul 2020 12:26

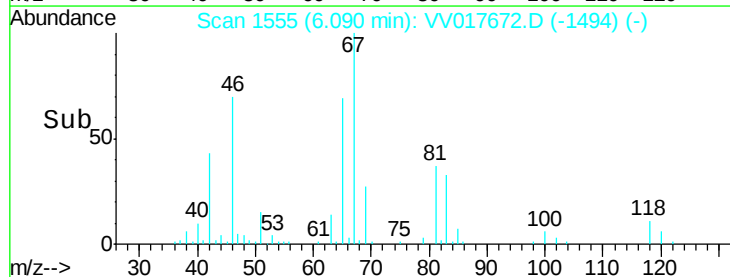
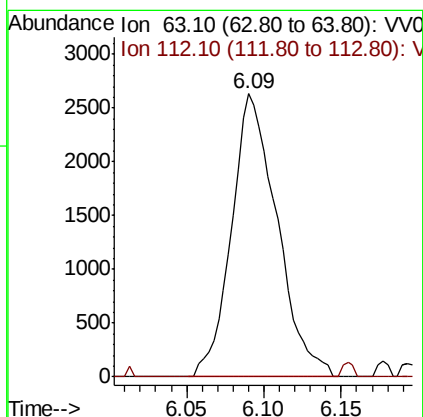
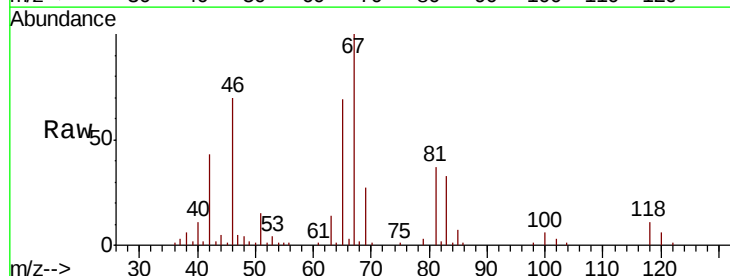
Instrument :
MSVOA_V
ClientSampleId :

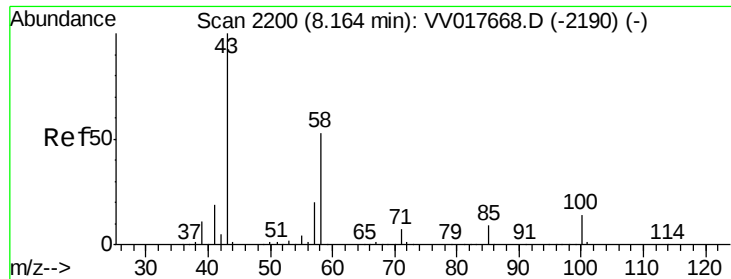
Tot Ion: 83 Resp: 12077
Ion Ratio Lower Upper
83 100
55 2.3 61.8 92.8#
98 2.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV017672.D
Acq: 27 Jul 2020 12:26

Tgt Ion: 63 Resp: 5377
Ion Ratio Lower Upper
63 100
112 1.3 4.5 6.7#





#50

2-Hexanone

Concen: 1.403 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017672.D

Acq: 27 Jul 2020 12:26

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5012

Ion Ratio Lower Upper

43 100

58 44.0 41.6 62.4

57 14.1 15.4 23.0#

100 3.3 11.2 16.8#

