

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017700.D
 Acq On : 28 Jul 2020 13:04
 Operator : SY/MD
 Sample : L3459-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 29 05:19:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 29 05:17:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158036	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	154584	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29604	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	25630	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	54501	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	3.95	46	78975	43.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.50%
24) Chloroform-d	4.38	84	87919	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	46324	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.07	84	148974	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.10	67	42385	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.34	98	136173	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
45) trans-1,3-Dichloropropene-	7.65	79	18268	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	8.12	63	47262	35.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26734	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	59739	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

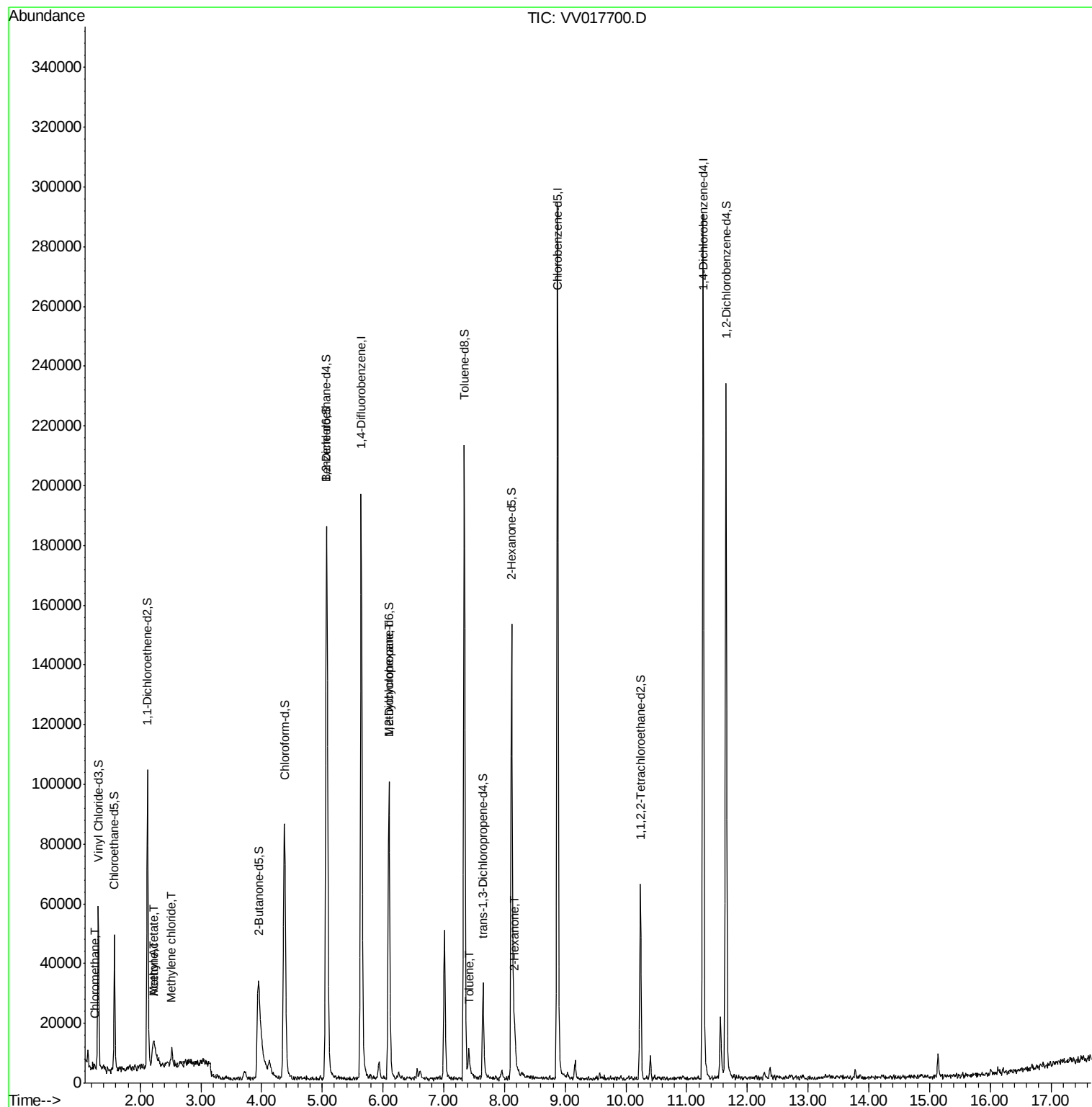
					Ovalue
3) Chloromethane	1.25	50	1275	0.113 ug/L	97
13) Acetone	2.23	43	25758	18.227 ug/L	99
15) Methyl Acetate	2.23	43	23674	8.609 ug/L #	42
16) Methylene chloride	2.52	84	2015	0.213 ug/L #	51
35) Methylcyclohexane	6.09	83	12218	0.661 ug/L #	18
42) Toluene	7.41	91	6145	0.129 ug/L	88
50) 2-Hexanone	8.17	43	9210	2.309 ug/L #	78

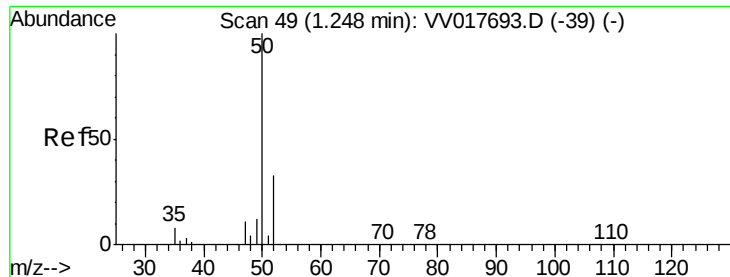
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017700.D

Acq: 28 Jul 2020 13:04

Instrument :

MSVOA_V

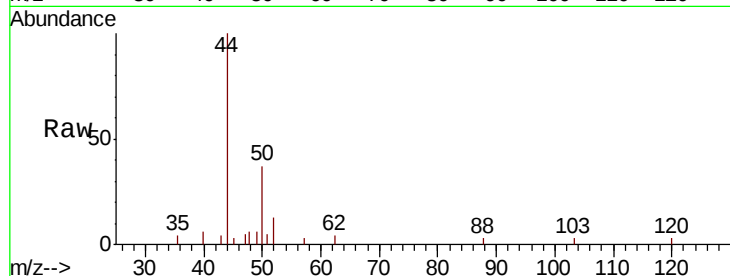
ClientSampleId :

Tot Ion: 50 Resp: 1275

Ion Ratio Lower Upper

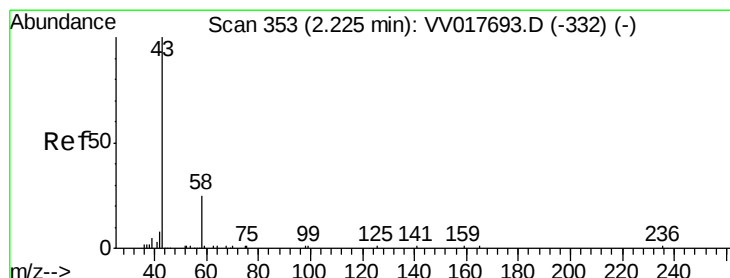
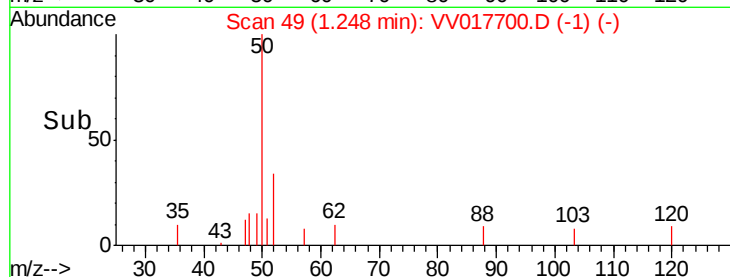
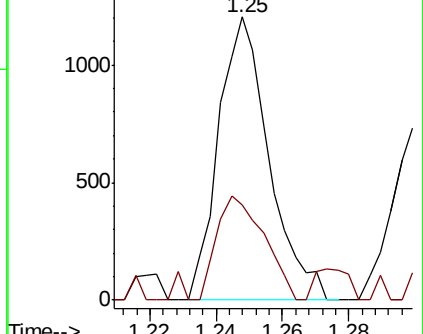
50 100

52 33.8 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 18.227 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.00 min

Lab File: VV017700.D

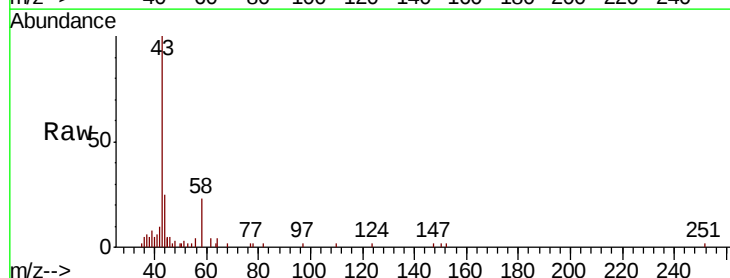
Acq: 28 Jul 2020 13:04

Tgt Ion: 43 Resp: 25758

Ion Ratio Lower Upper

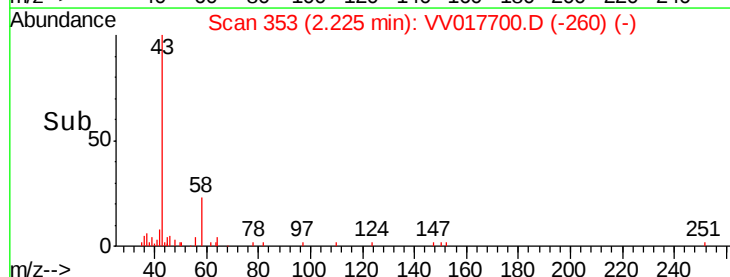
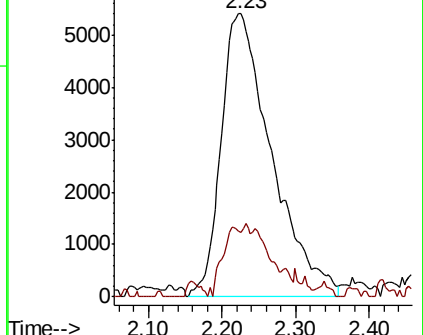
43 100

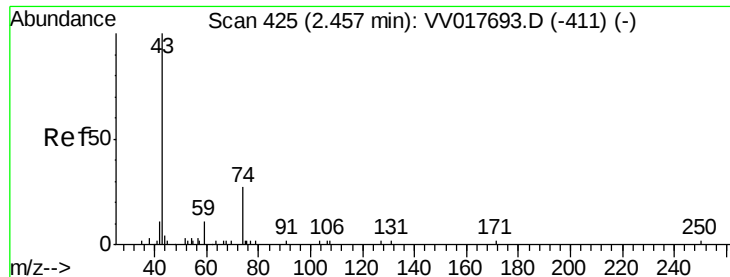
58 9.0 0.0 18.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#15

Methvl Acetate

Concen: 8.609 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.23 min

Lab File: VV017700.D

Acq: 28 Jul 2020 13:04

Instrument :

MSVOA_V

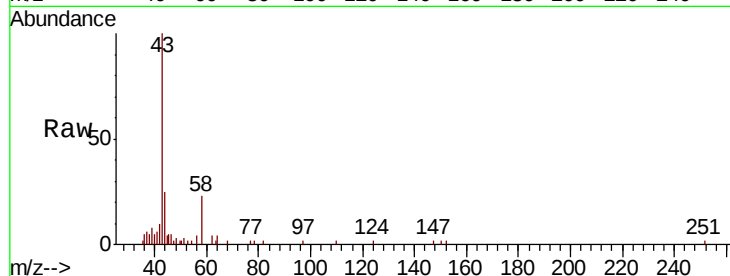
ClientSampleId :

Tot Ion: 43 Resp: 23674

Ion Ratio Lower Upper

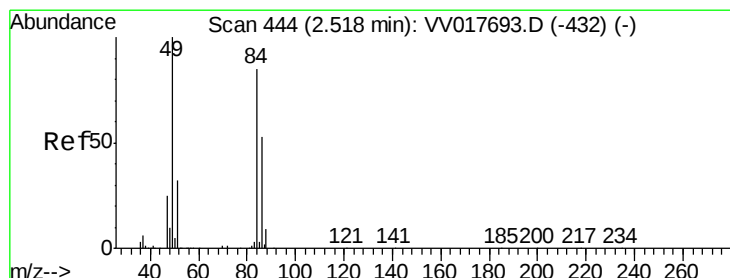
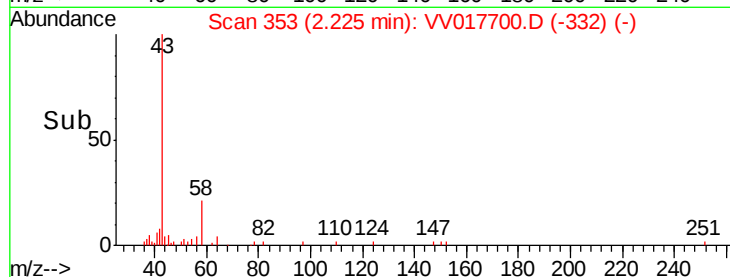
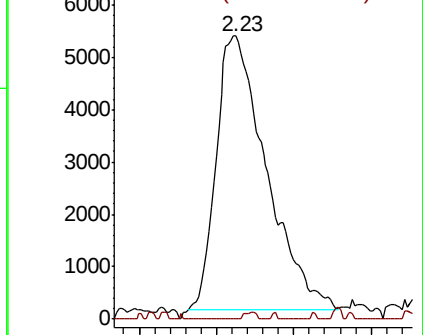
43 100

74 0.6 26.6 40.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.213 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017700.D

Acq: 28 Jul 2020 13:04

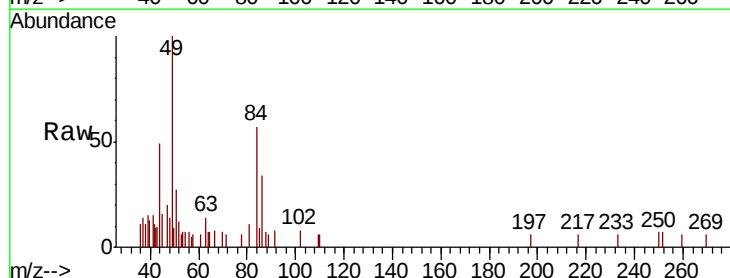
Tgt Ion: 84 Resp: 2015

Ion Ratio Lower Upper

84 100

86 59.1 46.5 86.3

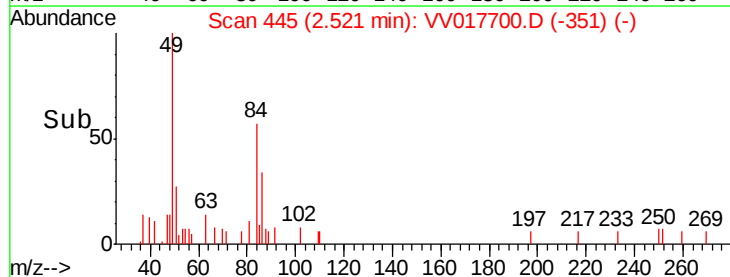
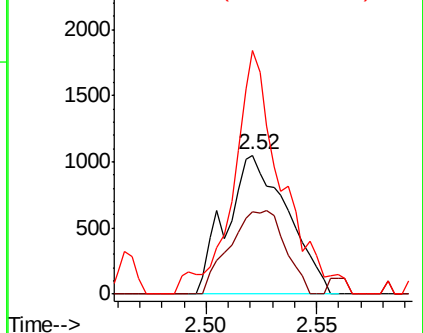
49 191.0 79.2 147.2#

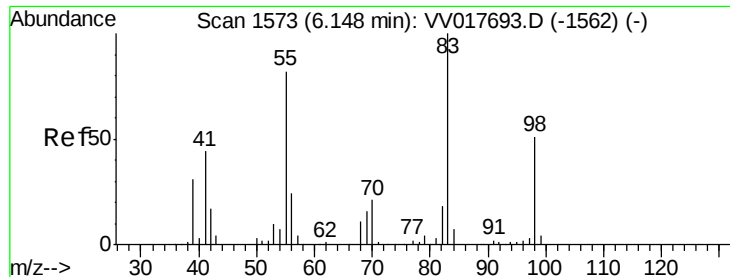


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

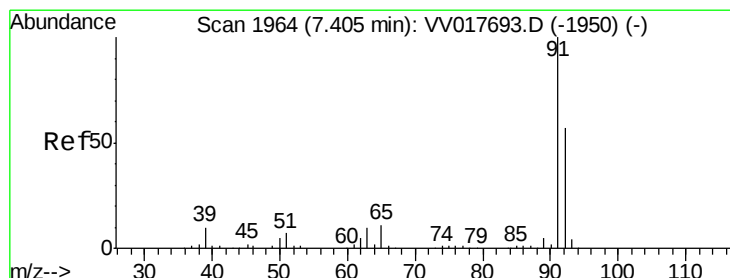
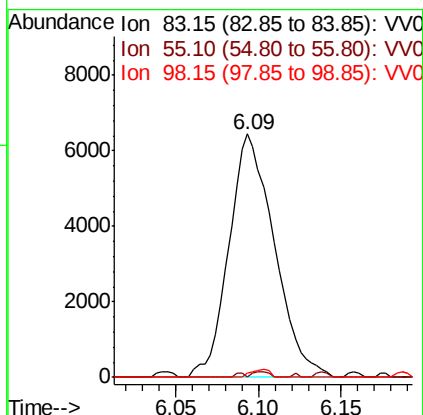
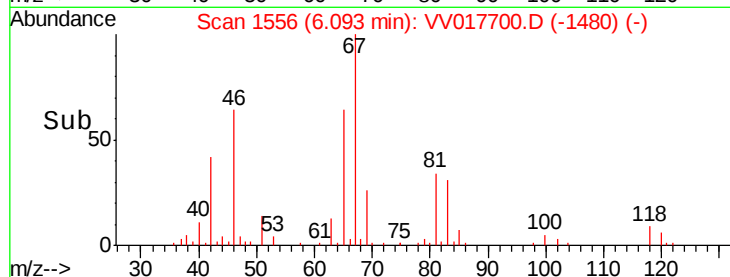
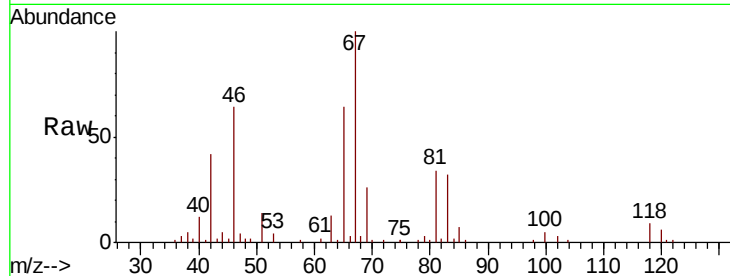




#35
Methylvlcvclohexane
Concen: 0.661 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017700.D
Acq: 28 Jul 2020 13:04

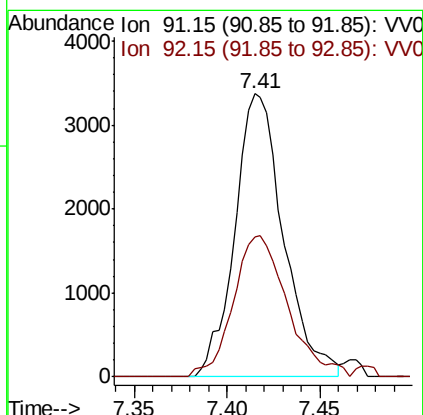
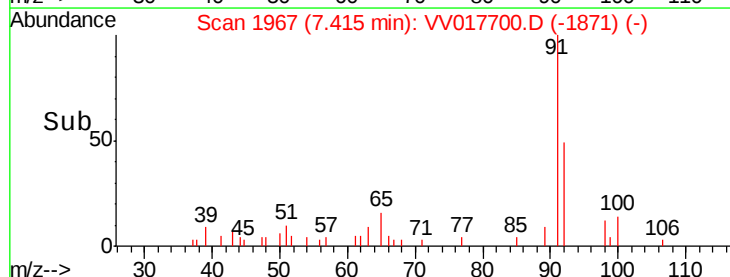
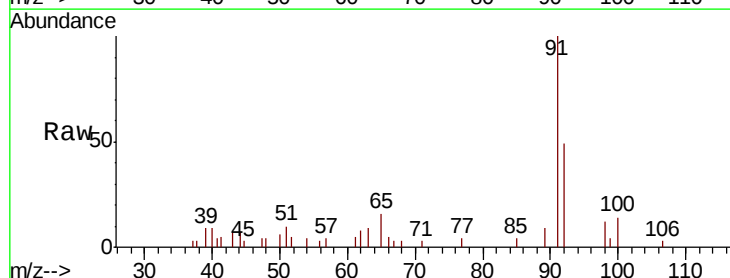
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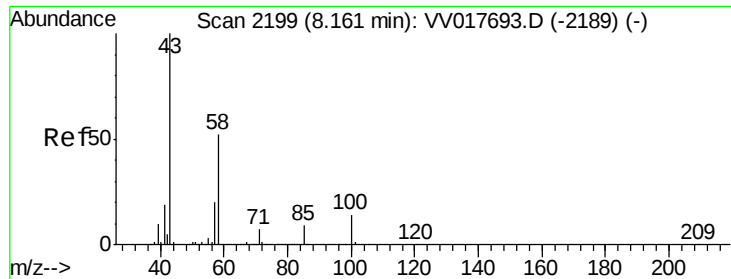
Tot Ion: 83 Resp: 12218
Ion Ratio Lower Upper
83 100
55 0.3 61.8 92.8#
98 0.0 39.0 58.6#



#42
Toluene
Concen: 0.129 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017700.D
Acq: 28 Jul 2020 13:04

Tgt Ion: 91 Resp: 6145
Ion Ratio Lower Upper
91 100
92 49.3 40.8 75.8





#50
 2-Hexanone
 Concen: 2.309 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV017700.D
 Acq: 28 Jul 2020 13:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 9210
 Ion Ratio Lower Upper
 43 100
 58 39.7 41.6 62.4#
 57 3.3 15.4 23.0#
 100 4.8 11.2 16.8#

