

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
 Data File : VV017116.D
 Acq On : 25 Jun 2020 09:52
 Operator : SY/MD
 Sample : L3102-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L72

Quant Time: Jun 25 11:36:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 11:33:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	181417	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173952	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80636	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37777	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.58	69	31129	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.13	63	58759	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.93	46	116444	41.96	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	4.38	84	99559	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.06	65	54138	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.08	84	187335	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.10	67	57109	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.34	98	167794	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
45) trans-1,3-Dichloropropene-	7.65	79	20442	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
48) 2-Hexanone-d5	8.11	63	82934	38.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40242	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	68575	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

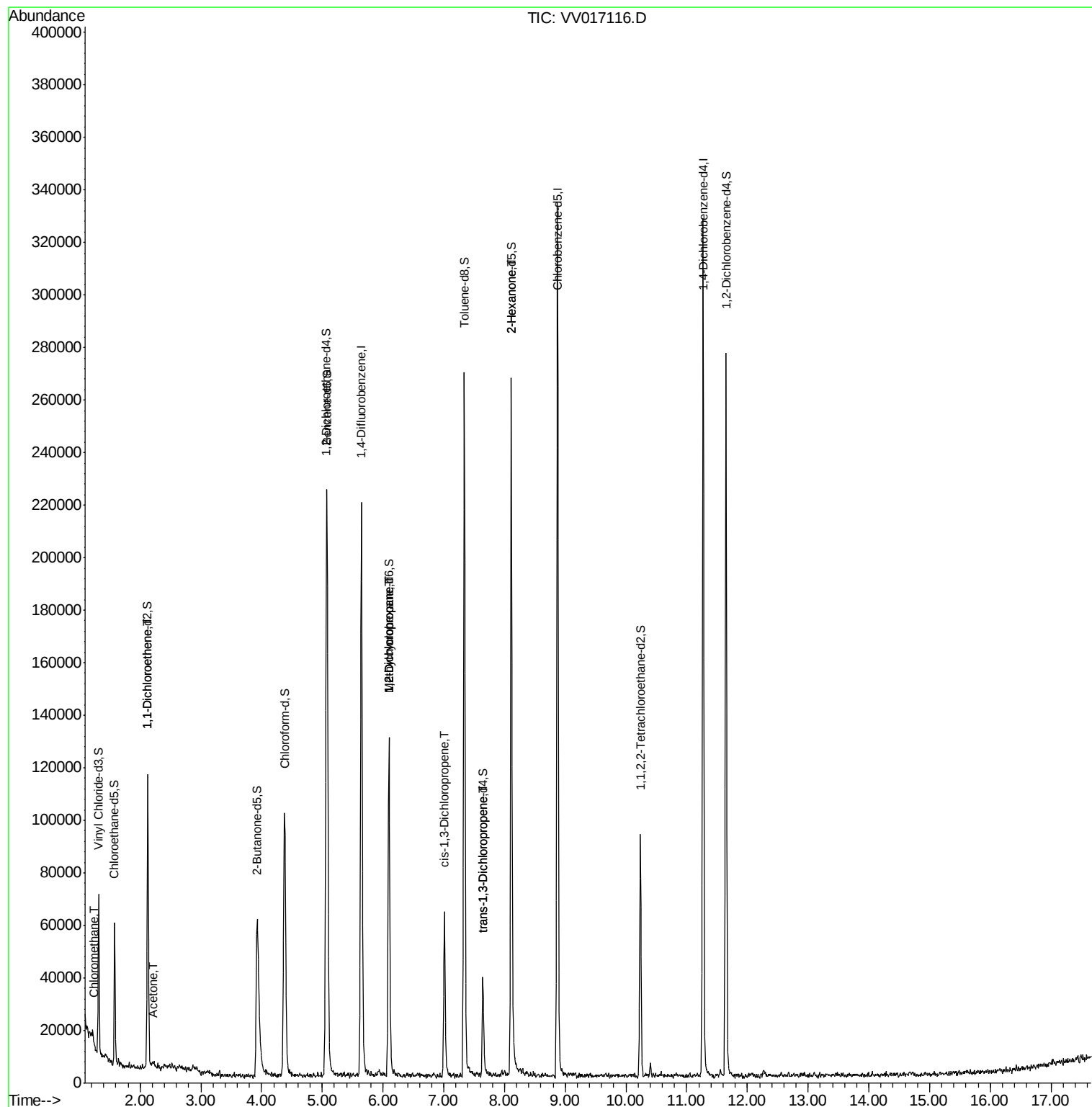
					Qvalue
3) Chloromethane	1.25	50	977	0.080 ug/L	96
12) 1,1-Dichloroethene	2.13	96	756	0.087 ug/L #	1
13) Acetone	2.21	43	5067	3.612 ug/L	81
35) Methylcyclohexane	6.09	83	14941	0.721 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7224	0.641 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1925	0.115 ug/L	96
46) trans-1,3-Dichloropropene	7.64	75	1361	0.094 ug/L	88
50) 2-Hexanone	8.11	43	12007	2.591 ug/L #	76

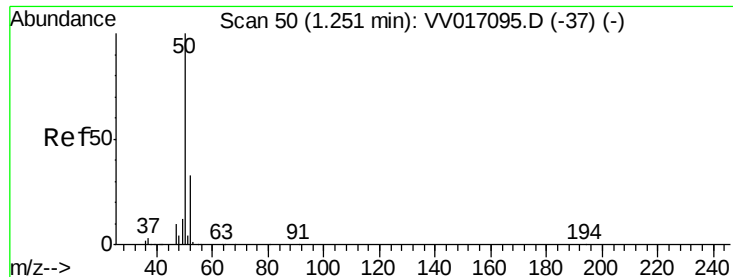
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 25 11:33:08 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.080 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017116.D

Acq: 25 Jun 2020 09:52

Instrument :

MSVOA_V

ClientSampleId :

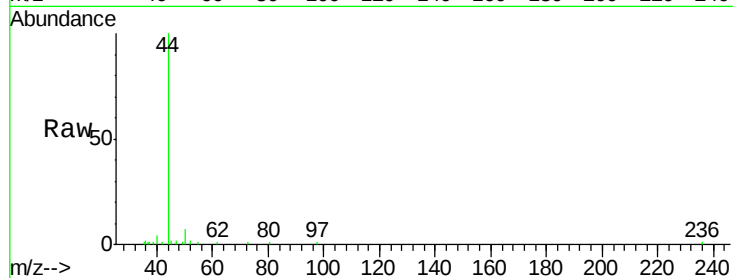
F9L72

Tgt Ion: 50 Resp: 977

Ion Ratio Lower Upper

50 100

52 34.3 22.5 41.9

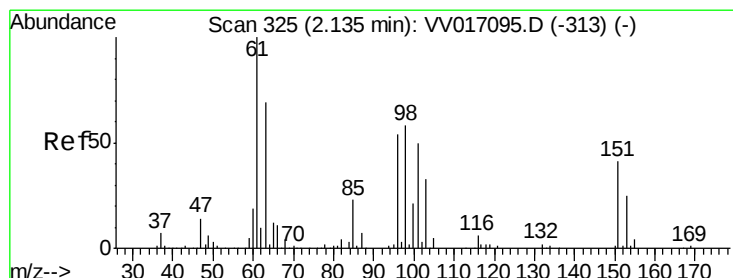
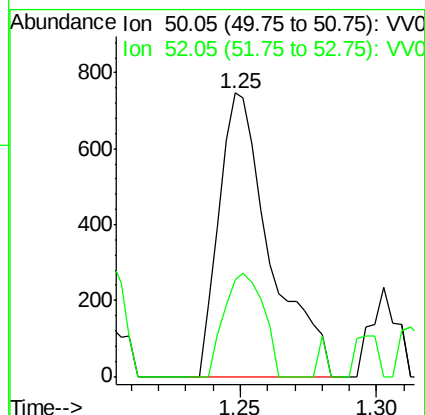
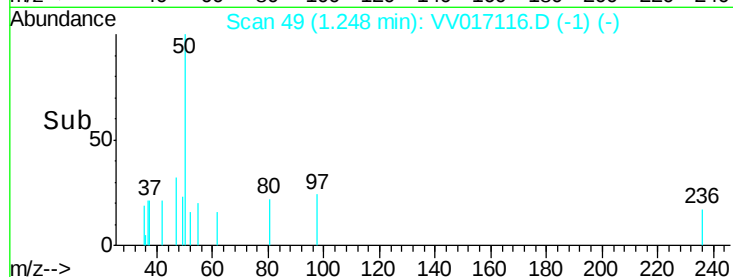


Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.25

1.30



#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017116.D

Acq: 25 Jun 2020 09:52

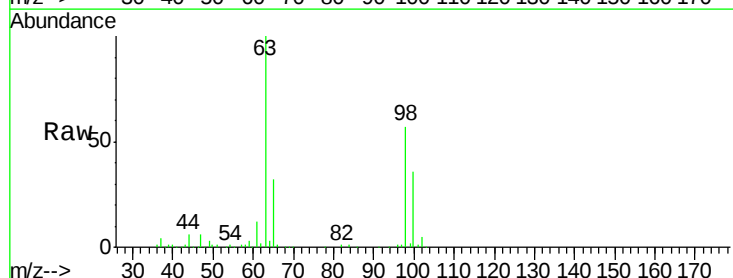
Tgt Ion: 96 Resp: 756

Ion Ratio Lower Upper

96 100

61 1161.0 125.0 232.2#

63 9399.5 109.8 203.8#



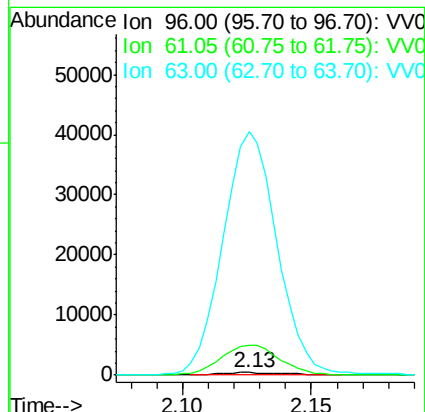
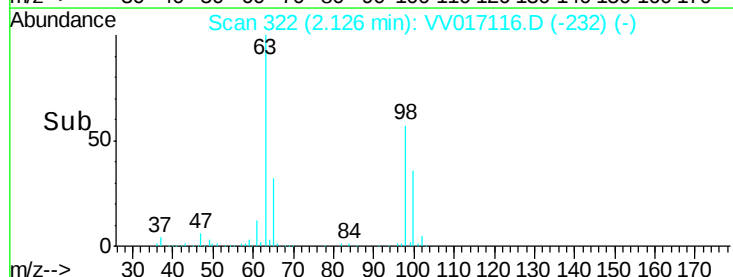
Abundance Ion 96.00 (95.70 to 96.70): VV0

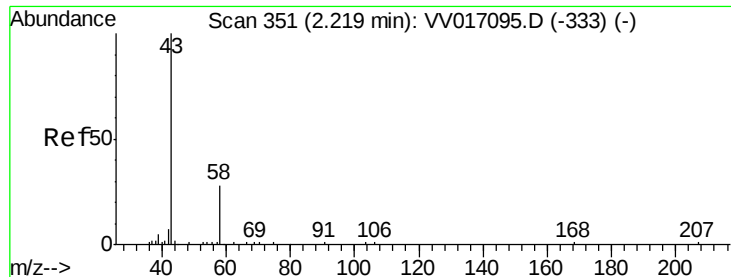
Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

2.13

2.15





#13

Acetone

Concen: 3.612 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV017116.D

Acq: 25 Jun 2020 09:52

Instrument :

MSVOA_V

ClientSampled :

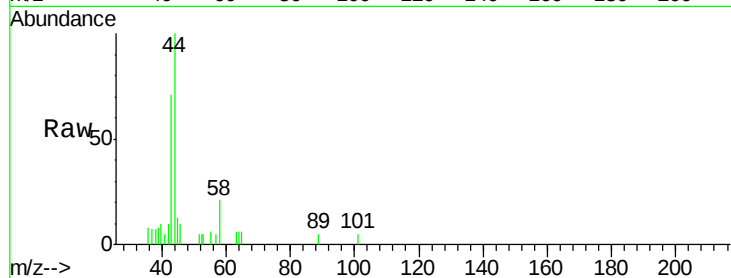
F9L72

Tgt Ion: 43 Resp: 5067

Ion Ratio Lower Upper

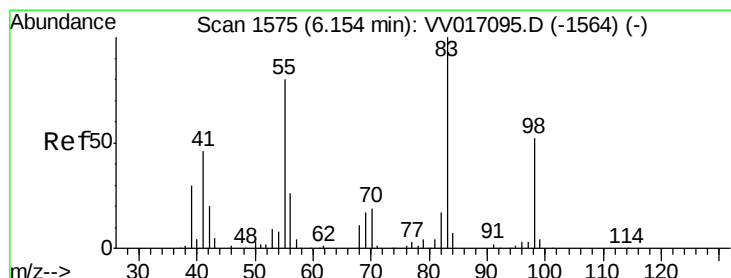
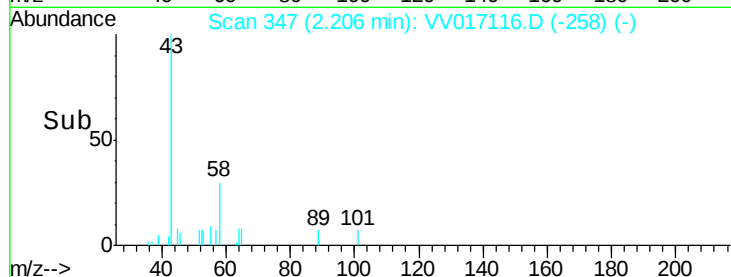
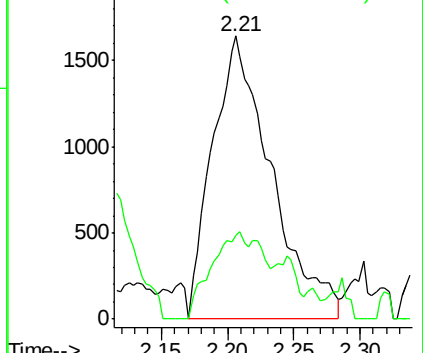
43 100

58 19.0 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017116.D

Acq: 25 Jun 2020 09:52

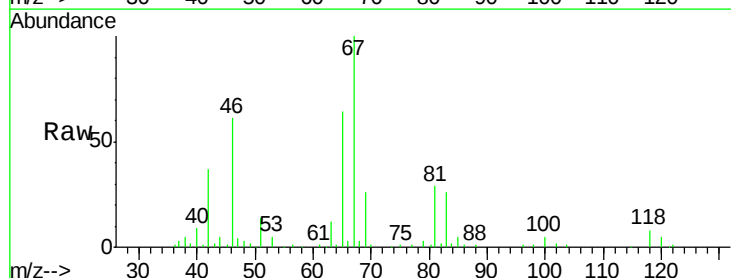
Tgt Ion: 83 Resp: 14941

Ion Ratio Lower Upper

83 100

55 0.7 63.6 95.4#

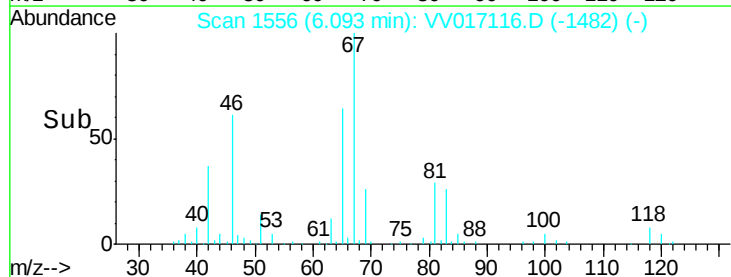
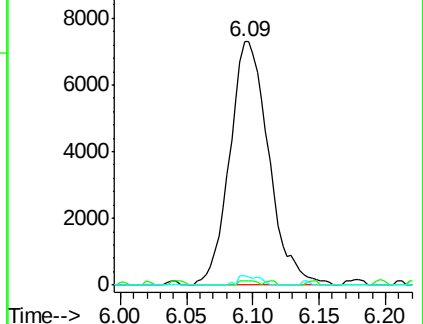
98 2.1 38.8 58.2#

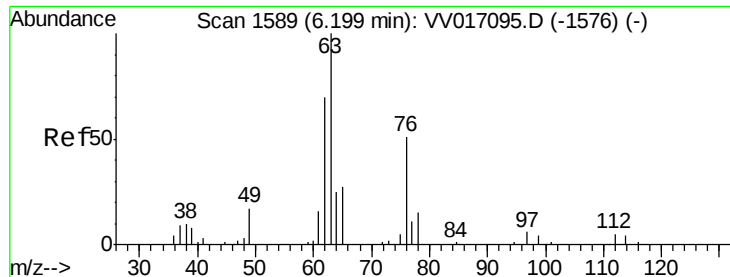


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

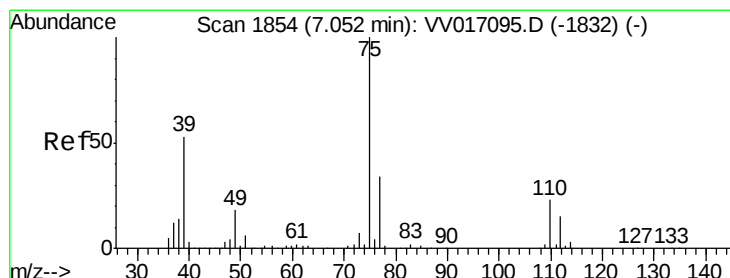
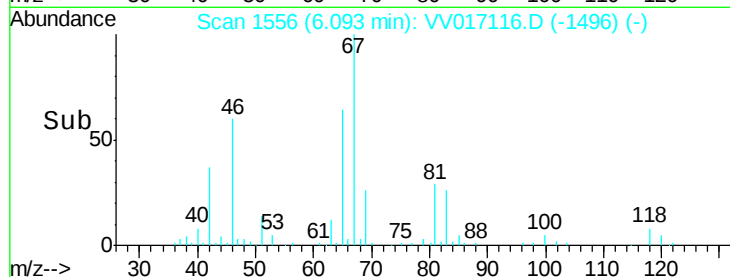
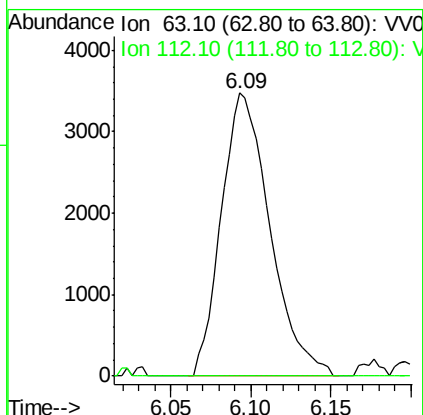
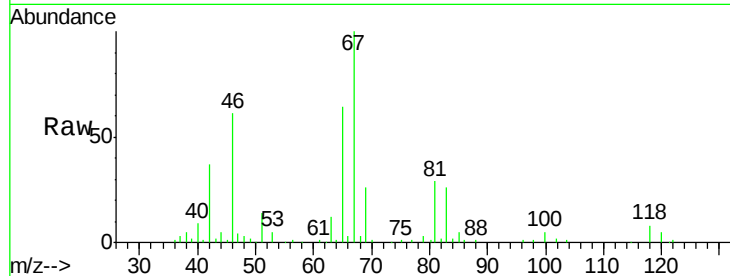




#37
 1,2-Dichloropropane
 Concen: 0.641 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV017116.D
 Acq: 25 Jun 2020 09:52

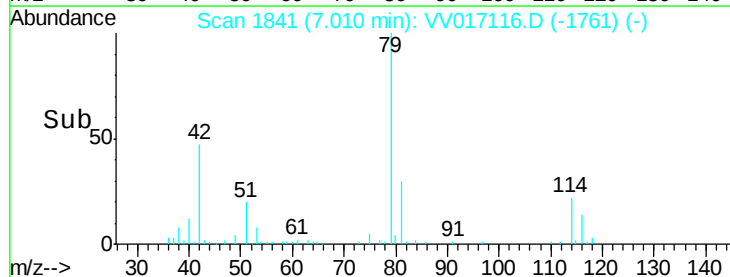
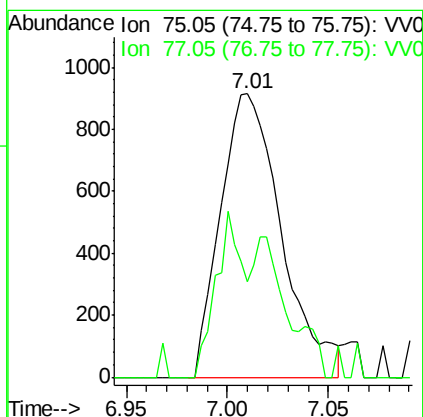
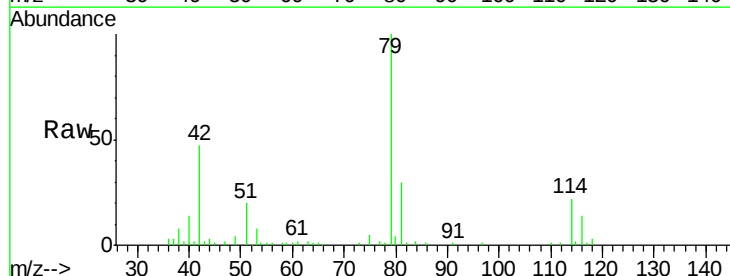
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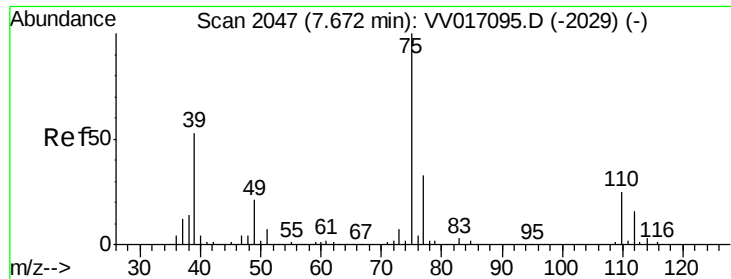
Tgt Ion: 63 Resp: 7224
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017116.D
 Acq: 25 Jun 2020 09:52

Tgt Ion: 75 Resp: 1925
 Ion Ratio Lower Upper
 75 100
 77 33.9 22.3 41.5





#46

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017116.D

Acq: 25 Jun 2020 09:52

Instrument :

MSVOA_V

ClientSampleId :

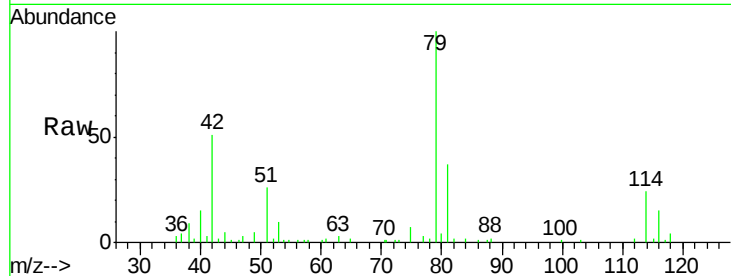
F9L72

Tgt Ion: 75 Resp: 1361

Ion Ratio Lower Upper

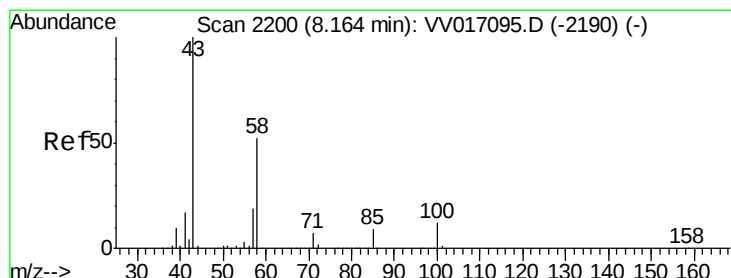
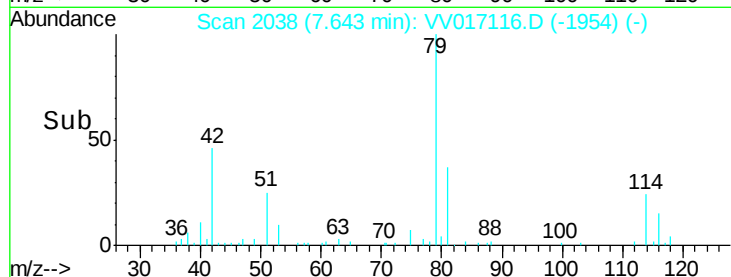
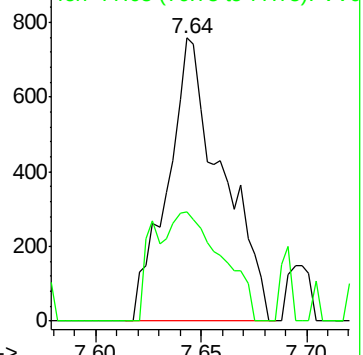
75 100

77 38.5 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 2.591 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017116.D

Acq: 25 Jun 2020 09:52

Tgt Ion: 43 Resp: 12007

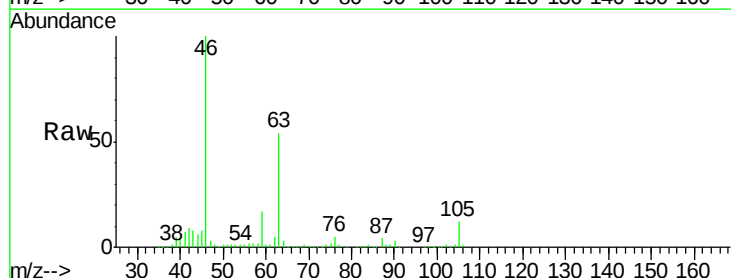
Ion Ratio Lower Upper

43 100

58 35.2 41.6 62.4#

57 29.6 15.4 23.0#

100 1.8 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

