

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017901.D
 Acq On : 10 Aug 2020 16:53
 Operator : SY/MD
 Sample : L3608-09DL 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L85DL

Quant Time: Aug 11 02:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	241987	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230699	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120504	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51162	40.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.88%
7) Chloroethane-d5	1.58	69	46596	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.78%
11) 1,1-Dichloroethene-d2	2.12	63	91145	30.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.70%
21) 2-Butanone-d5	3.91	46	79300	101.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.34%
24) Chloroform-d	4.37	84	147821	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.06	65	112595	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
32) Benzene-d6	5.07	84	244858	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
36) 1,2-Dichloropropane-d6	6.09	67	65046	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.34	98	239209	44.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.34%
43) trans-1,3-Dichloropropene-	7.64	79	40003	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.11	63	47779	97.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99152	47.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	118533	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%

Target Compounds

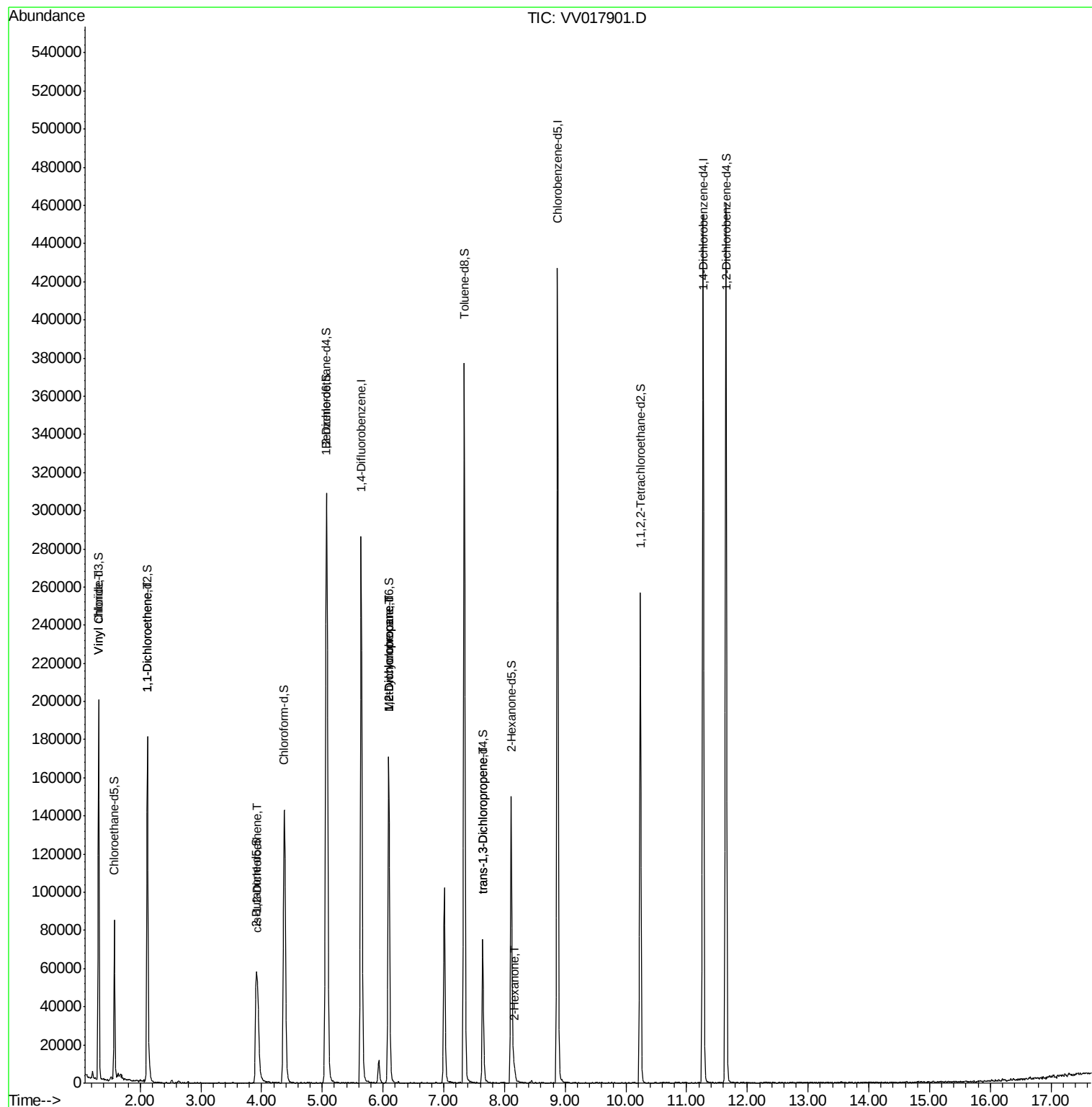
					Ovalue
5) Vinyl chloride	1.32	62	73106	51.706	ug/L 100
12) 1,1-Dichloroethene	2.12	96	1177	0.826	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	14044	8.936	ug/L 97
35) Methylcyclohexane	6.09	83	21168	9.018	ug/L # 22
37) 1,2-Dichloropropane	6.09	63	10102	8.466	ug/L # 79
44) trans-1,3-Dichloropropene	7.64	75	2013	0.933	ug/L 87
48) 2-Hexanone	8.17	43	3512	2.695	ug/L # 58

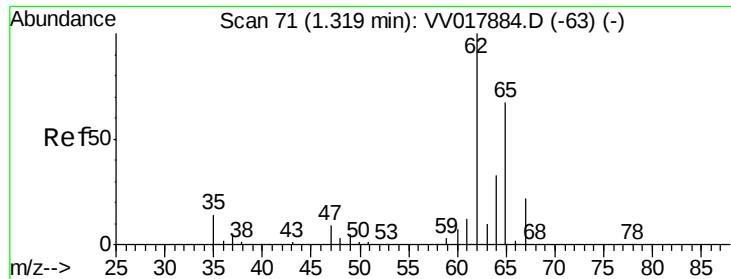
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 51.706 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017901.D

Acq: 10 Aug 2020 16:53

Instrument :

MSVOA_V

ClientSampled :

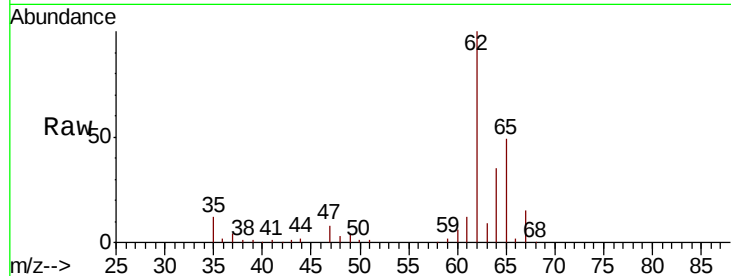
F2L85DL

Tot Ion: 62 Resp: 73106

Ion Ratio Lower Upper

62 100

64 34.5 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

80000

60000

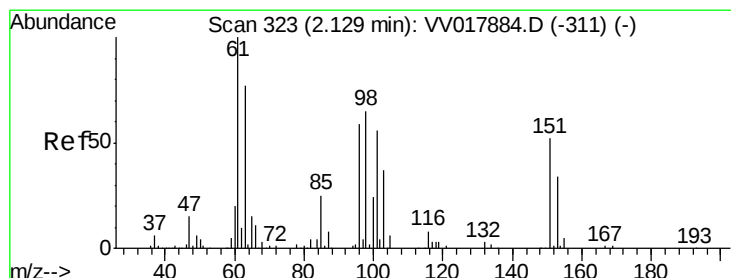
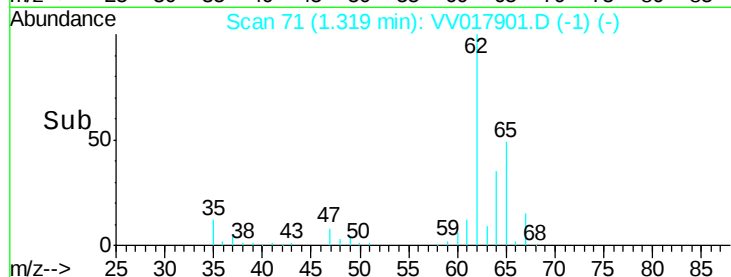
40000

20000

0

1.30 1.35

Time-->



#12

1,1-Dichloroethene

Concen: 0.826 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017901.D

Acq: 10 Aug 2020 16:53

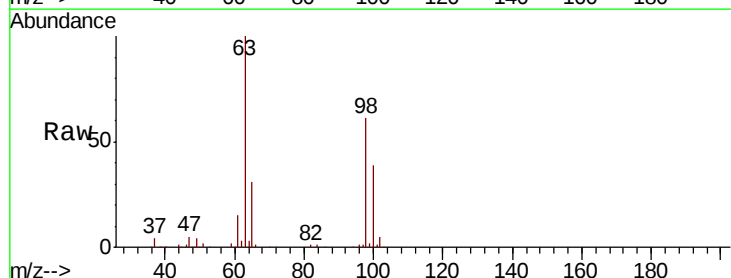
Tgt Ion: 96 Resp: 1177

Ion Ratio Lower Upper

96 100

61 1125.8 121.1 224.9#

63 7760.4 98.1 182.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

80000

60000

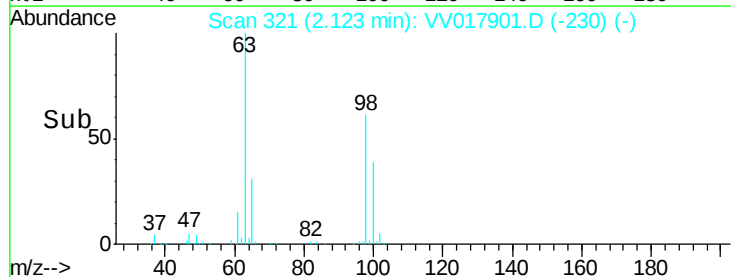
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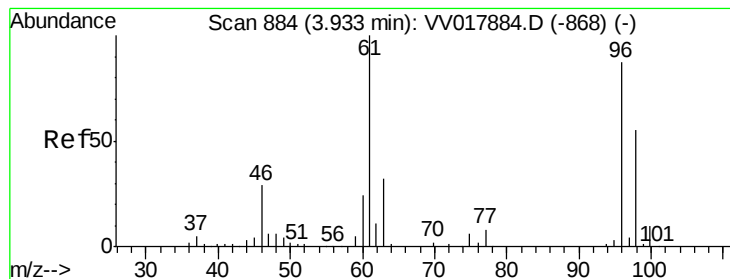
20000

0

2.08 2.10 2.12 2.14

Time-->





#20

cis-1,2-Dichloroethene

Concen: 8.936 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017901.D

Acq: 10 Aug 2020 16:53

Instrument :

MSVOA_V

ClientSampleId :

F2L85DL

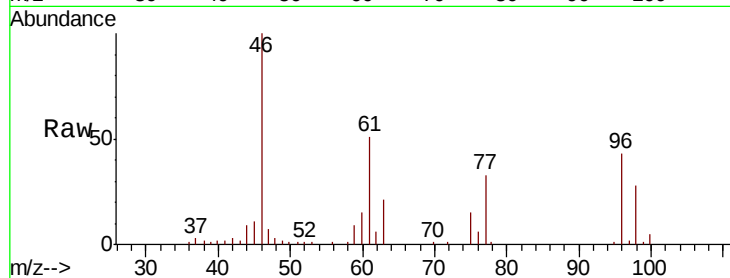
Tot Ion: 96 Resp: 14044

Ion Ratio Lower Upper

96 100

61 117.0 84.4 156.8

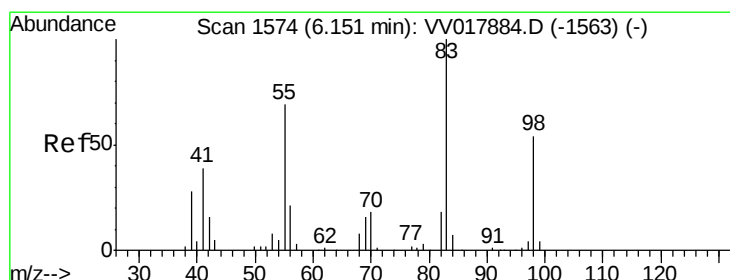
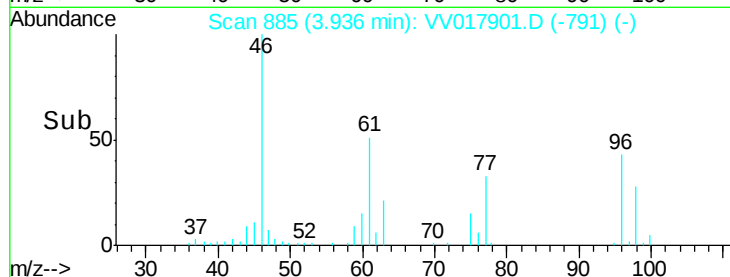
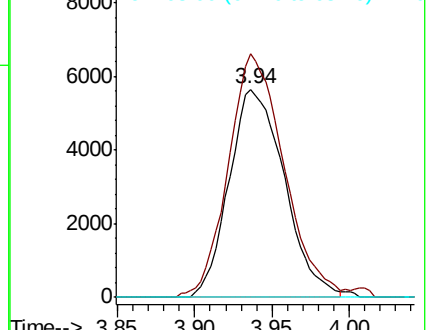
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017901.D (-791) (-)

Ion 61.00 (60.70 to 61.70): VV017901.D (-791) (-)

Ion 68.00 (67.70 to 68.70): VV017901.D (-791) (-)



#35

Methylcyclohexane

Concen: 9.018 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017901.D

Acq: 10 Aug 2020 16:53

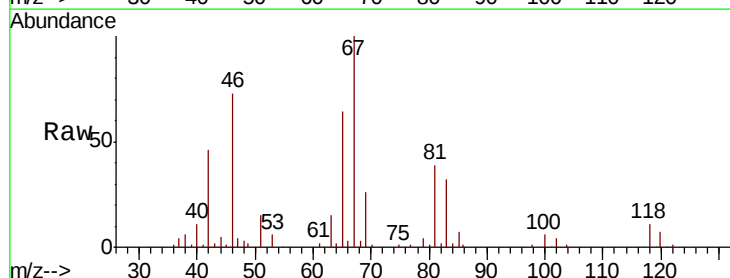
Tgt Ion: 83 Resp: 21168

Ion Ratio Lower Upper

83 100

55 0.2 54.6 82.0#

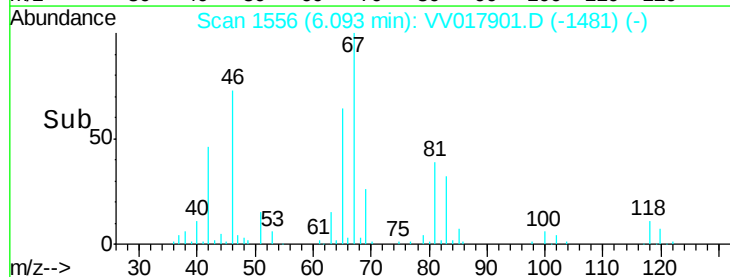
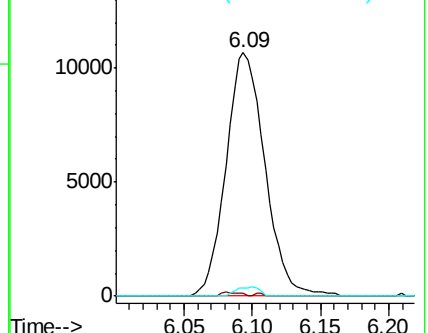
98 2.3 41.1 61.7#

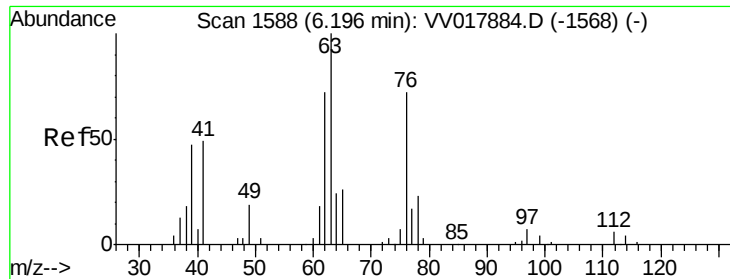


Abundance Ion 83.00 (82.70 to 83.70): VV017901.D (-1481) (-)

Ion 55.00 (54.70 to 55.70): VV017901.D (-1481) (-)

Ion 98.00 (97.70 to 98.70): VV017901.D (-1481) (-)

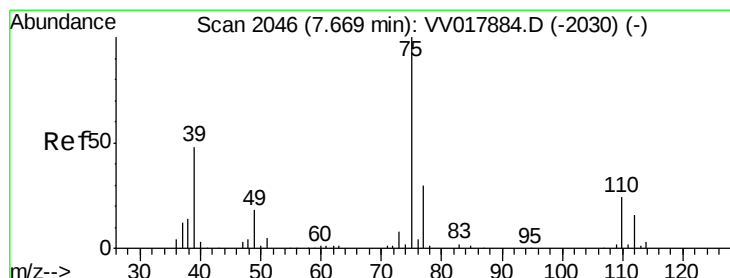
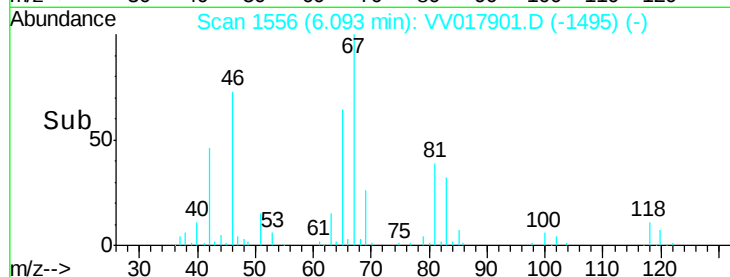
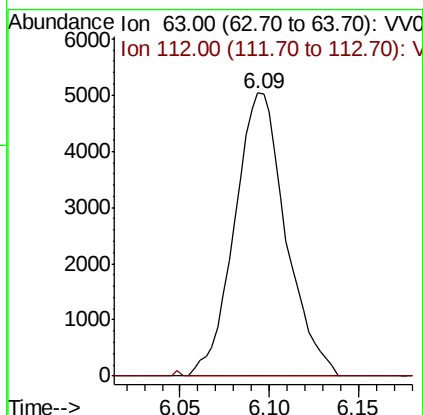
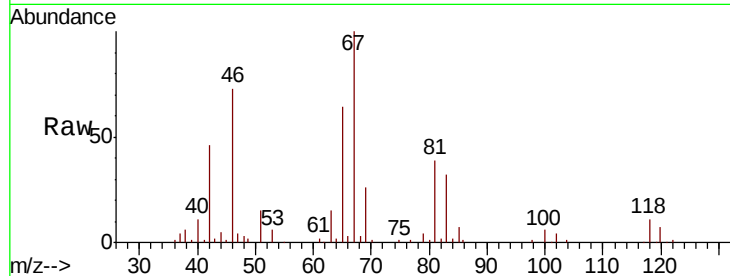




#37
 1,2-Dichloropropane
 Concen: 8.466 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017901.D
 Acq: 10 Aug 2020 16:53

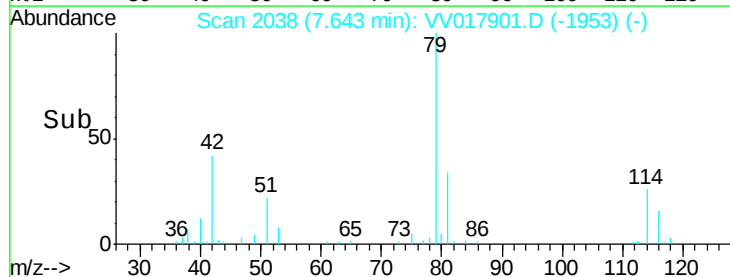
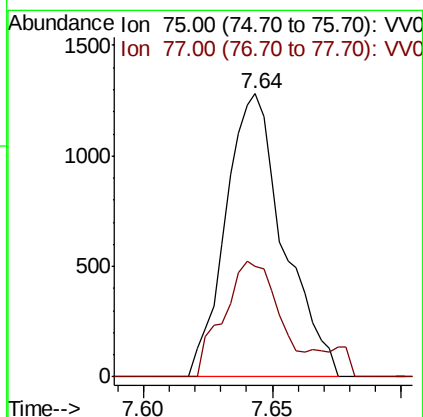
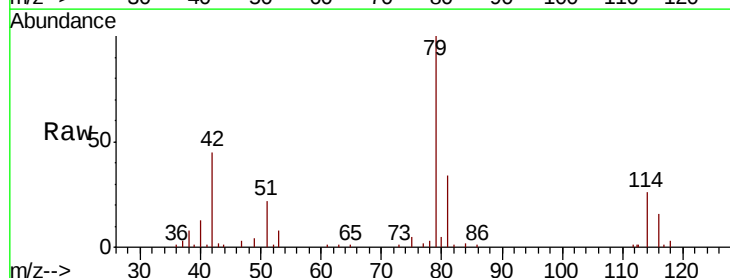
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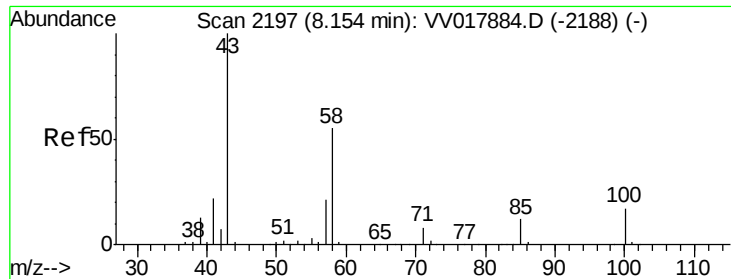
Tot Ion: 63 Resp: 10102
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.8 8.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.933 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017901.D
 Acq: 10 Aug 2020 16:53

Tgt Ion: 75 Resp: 2013
 Ion Ratio Lower Upper
 75 100
 77 39.2 22.3 41.5





#48
 2-Hexanone
 Concen: 2.695 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV017901.D
 Acq: 10 Aug 2020 16:53

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L85DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	8.5	43.8	65.8#
57	13.6	18.0	27.0#
100	16.5	13.8	20.8

