

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017333.D
 Acq On : 03 Jul 2020 02:13
 Operator : SY/MD
 Sample : L3134-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jul 03 06:21:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163705	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158849	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74039	5.00	ug/L	0.00

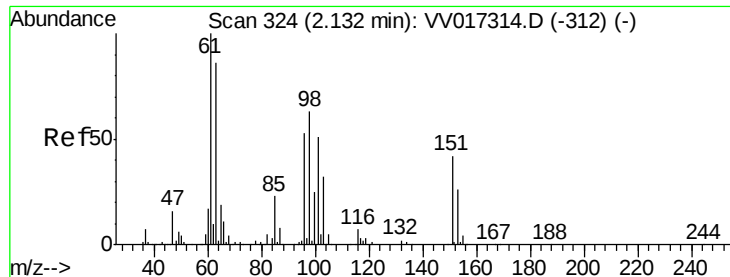
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41308	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	34385	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	67788	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.95	46	99551	39.76	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.52%
24) Chloroform-d	4.38	84	94535	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.06	65	54292	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.07	84	176219	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.10	67	50169	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.34	98	159922	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
45) trans-1,3-Dichloropropene-	7.65	79	19066	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
48) 2-Hexanone-d5	8.11	63	64837	33.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34379	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	63093	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	631	0.073	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	844	0.107	ug/L #	1
16) Methylene chloride	2.52	84	3784	0.450	ug/L	95
25) Chloroform	4.41	83	2809	0.137	ug/L	82
34) Trichloroethene	5.94	95	1727	0.142	ug/L #	78
35) Methylcyclohexane	6.10	83	13515	0.714	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7057	0.685	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1828	0.119	ug/L	85
46) trans-1,3-Dichloropropene	7.64	75	926	0.070	ug/L #	51
50) 2-Hexanone	8.17	43	6695	1.582	ug/L #	77

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.073 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

VHBLK01

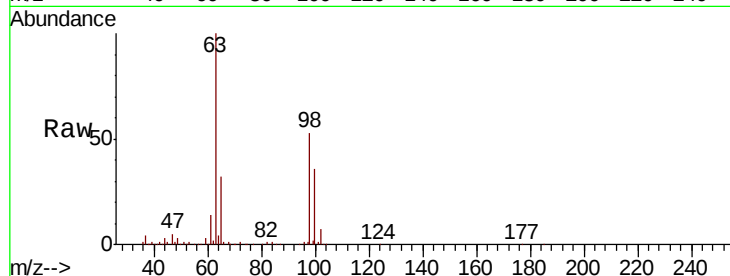
Tot Ion:101 Resp: 631

Ion Ratio Lower Upper

101 100

85 10.6 35.4 53.2#

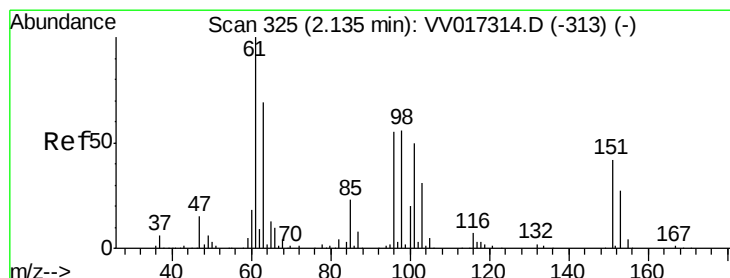
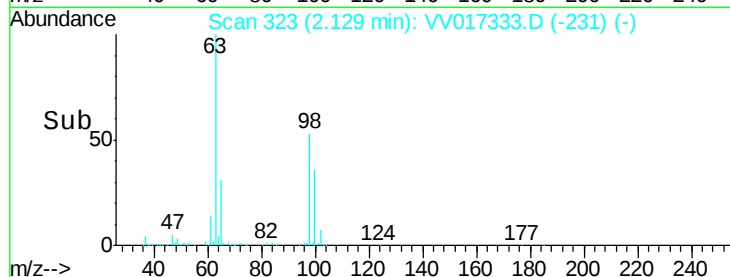
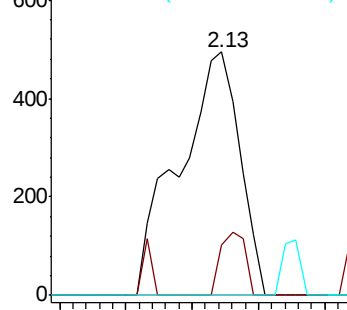
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017333.D

Acq: 03 Jul 2020 02:13

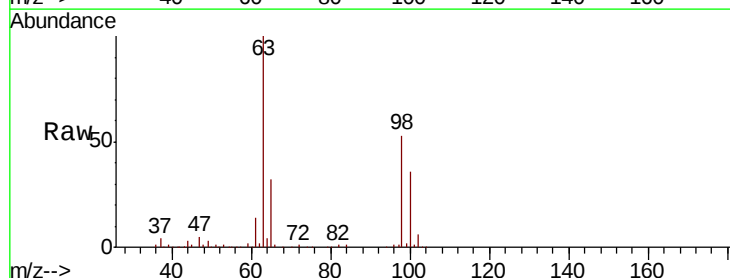
Tgt Ion: 96 Resp: 844

Ion Ratio Lower Upper

96 100

61 1207.8 125.0 232.2#

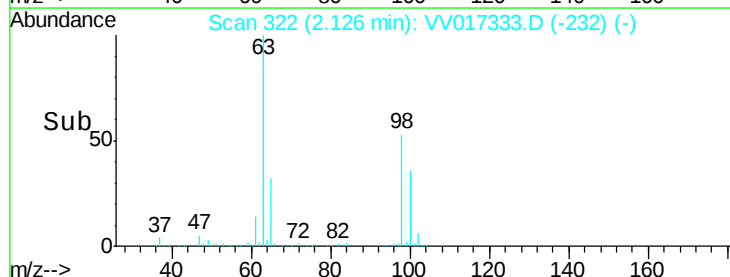
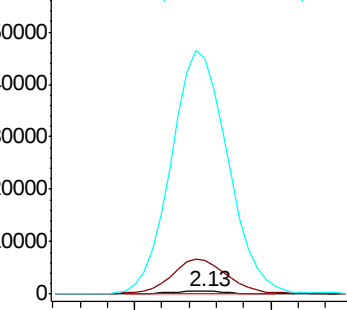
63 8520.7 109.8 203.8#

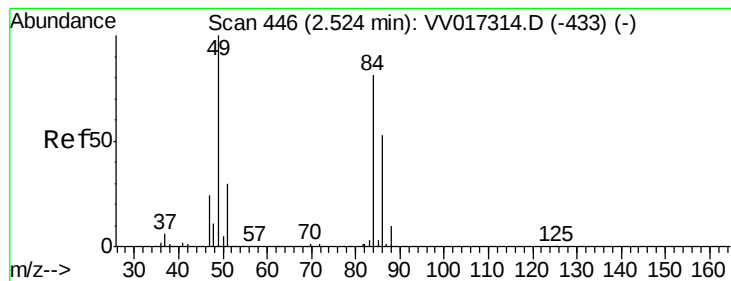


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methvlene chloride

Concen: 0.450 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV017333.D

Acq: 03 Jul 2020 02:13

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

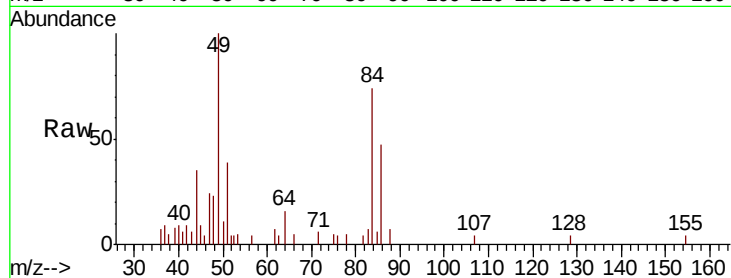
Tot Ion: 84 Resp: 3784

Ion Ratio Lower Upper

84 100

86 63.6 45.8 85.0

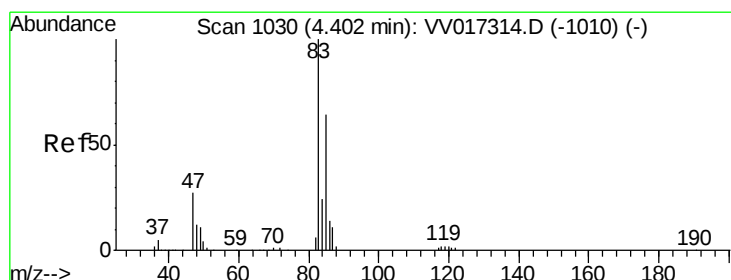
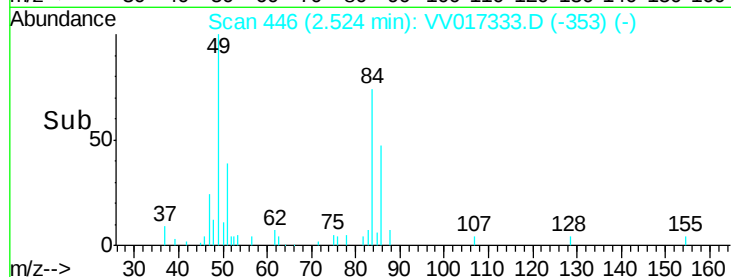
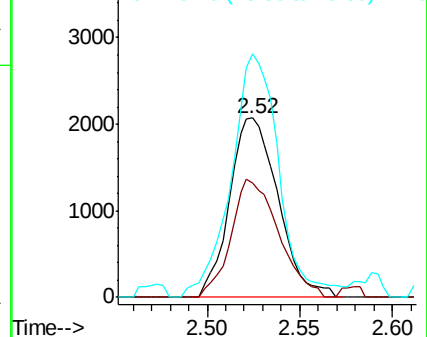
49 135.6 89.6 166.4



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



#25

Chloroform

Concen: 0.137 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV017333.D

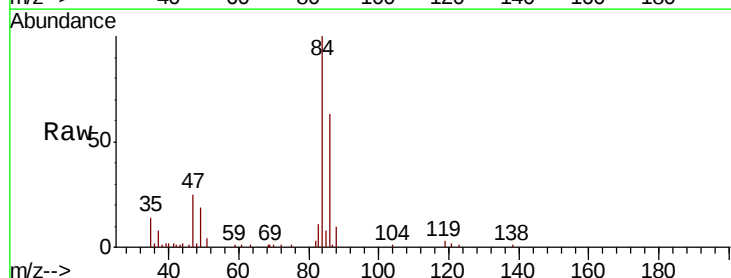
Acq: 03 Jul 2020 02:13

Tgt Ion: 83 Resp: 2809

Ion Ratio Lower Upper

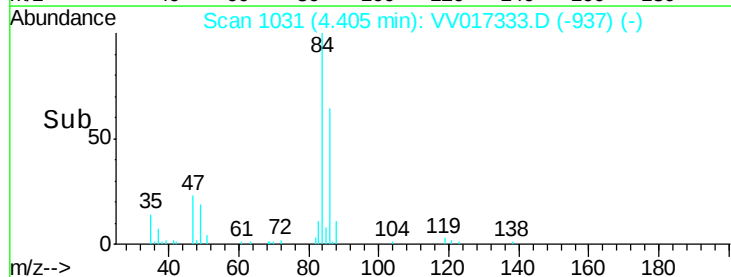
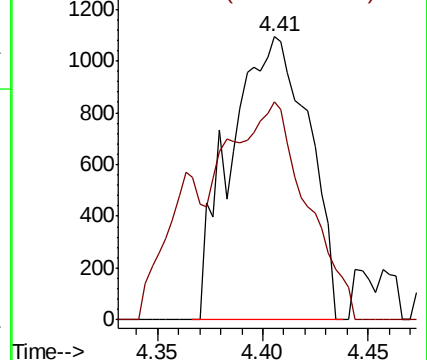
83 100

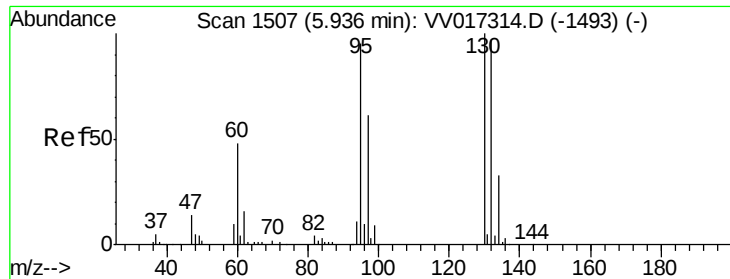
85 77.0 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

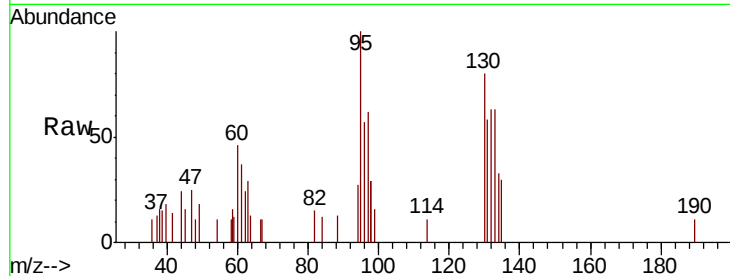




#34
 Trichloroethene
 Concen: 0.142 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017333.D
 Acq: 03 Jul 2020 02:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tot Ion:	95	Resp:	1727
Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.3	84.1
132	63.3	68.8	127.8#
130	79.6	70.2	130.4

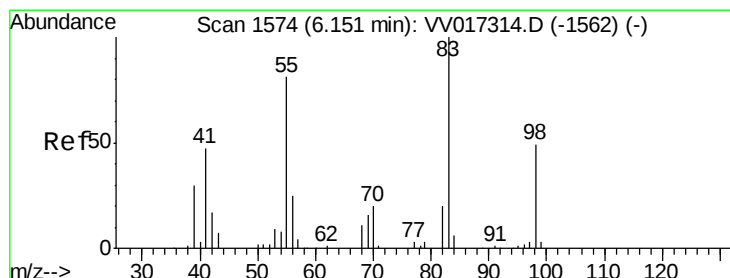
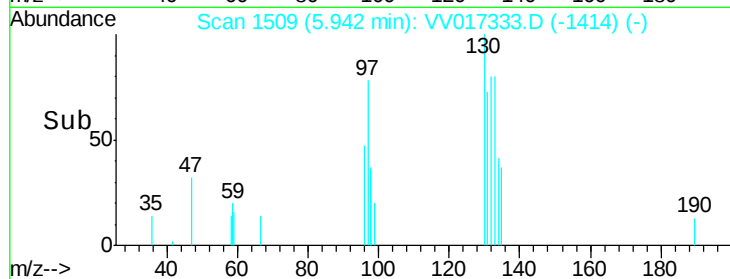
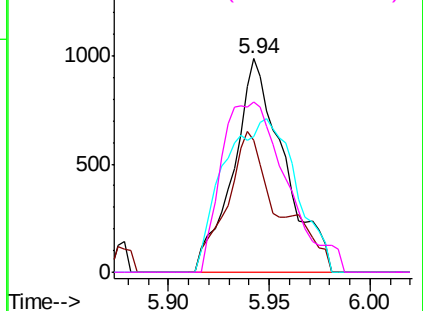


Abundance Ion 95.00 (94.70 to 95.70): VV017314.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV017314.D (-1493) (-)

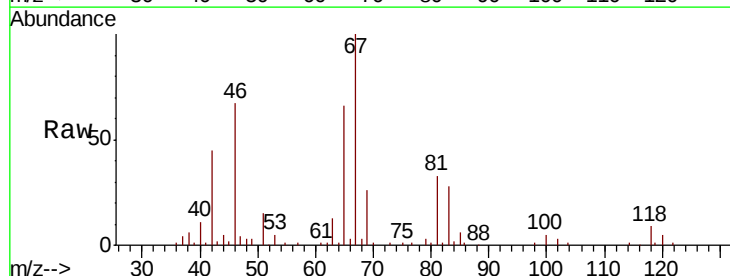
Ion 131.95 (131.65 to 132.65): VV017314.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV017314.D (-1493) (-)



#35
 Methylcyclohexane
 Concen: 0.714 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017333.D
 Acq: 03 Jul 2020 02:13

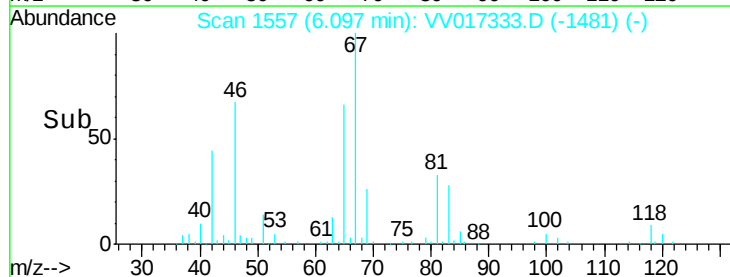
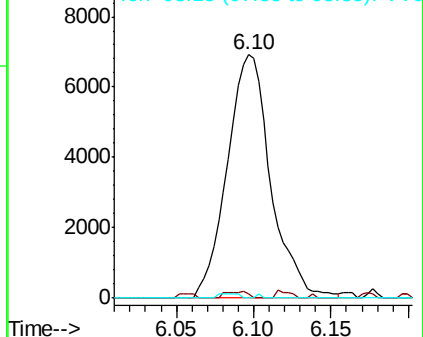
Tgt Ion:	83	Resp:	13515
Ion	Ratio	Lower	Upper
83	100		
55	1.3	63.6	95.4#
98	0.8	38.8	58.2#

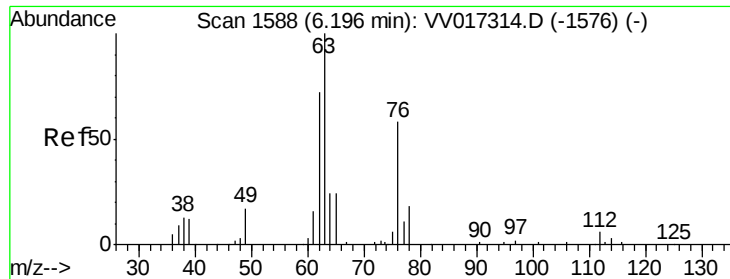


Abundance Ion 83.15 (82.85 to 83.85): VV017314.D (-1562) (-)

Ion 55.10 (54.80 to 55.80): VV017314.D (-1562) (-)

Ion 98.15 (97.85 to 98.85): VV017314.D (-1562) (-)

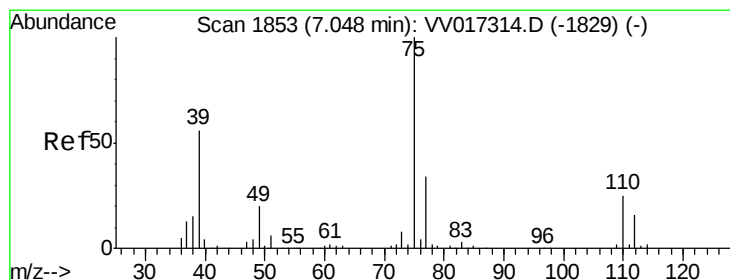
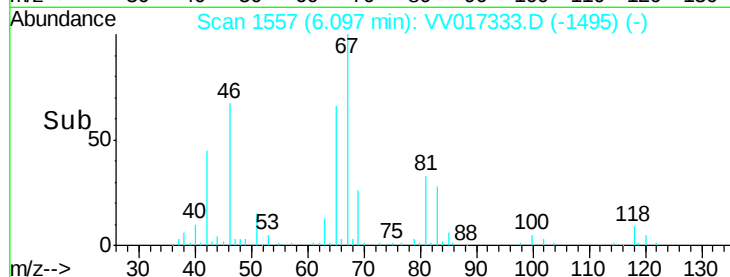
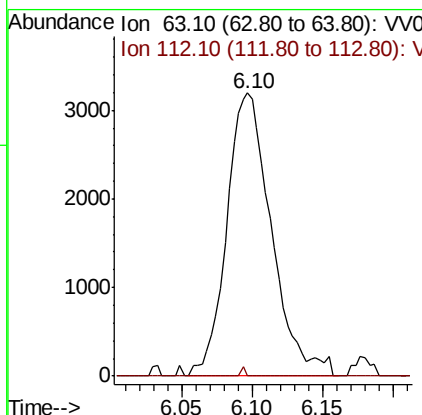
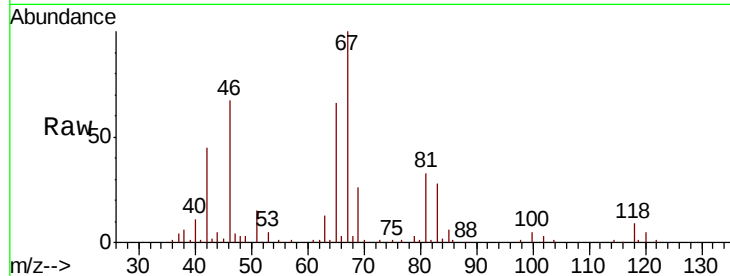




#37
 1,2-Dichloropropane
 Concen: 0.685 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017333.D
 Acq: 03 Jul 2020 02:13

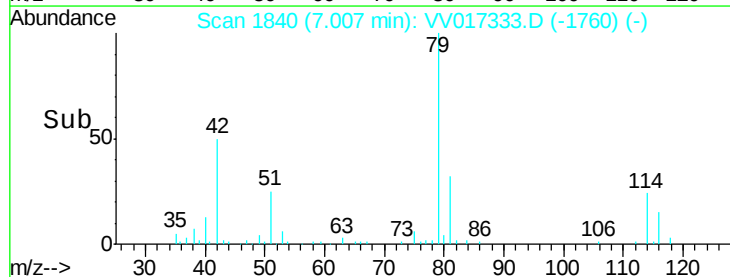
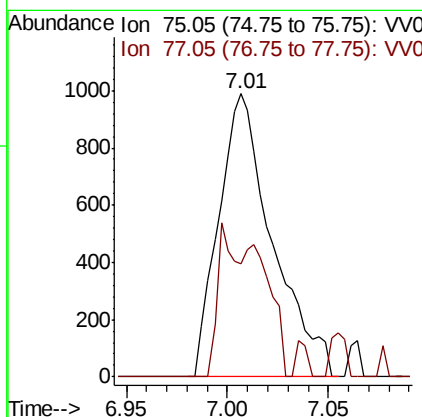
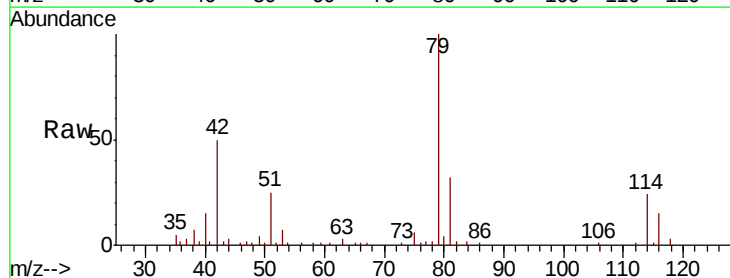
Instrument :
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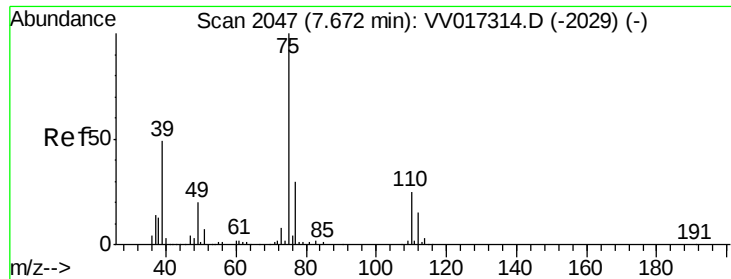
Tot Ion: 63 Resp: 7057
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017333.D
 Acq: 03 Jul 2020 02:13

Tgt Ion: 75 Resp: 1828
 Ion Ratio Lower Upper
 75 100
 77 40.0 22.3 41.5





#46

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017333.D

Acq: 03 Jul 2020 02:13

Instrument :

MSVOA_V

ClientSampleId :

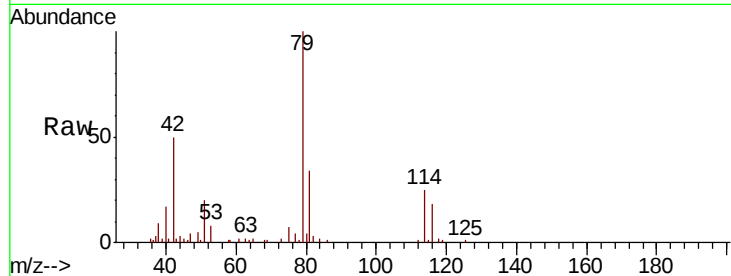
VHBLK01

Tot Ion: 75 Resp: 926

Ion Ratio Lower Upper

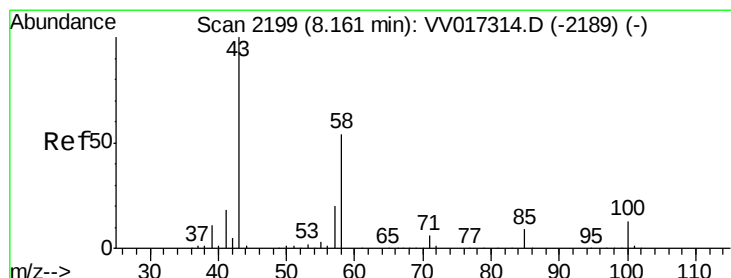
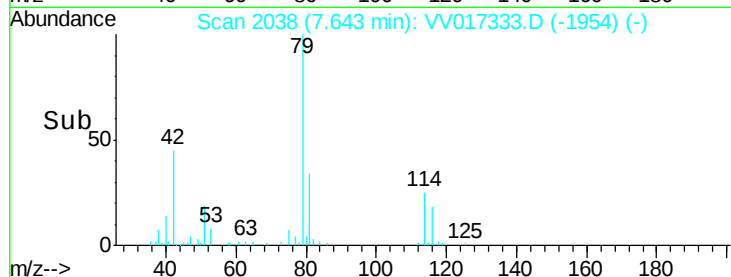
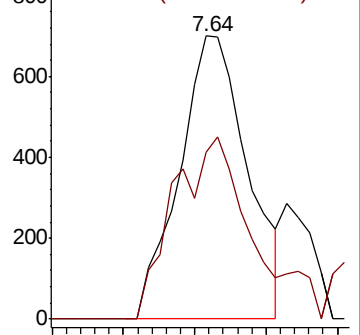
75 100

77 59.0 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: 1.582 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017333.D

Acq: 03 Jul 2020 02:13

Tgt Ion: 43 Resp: 6695

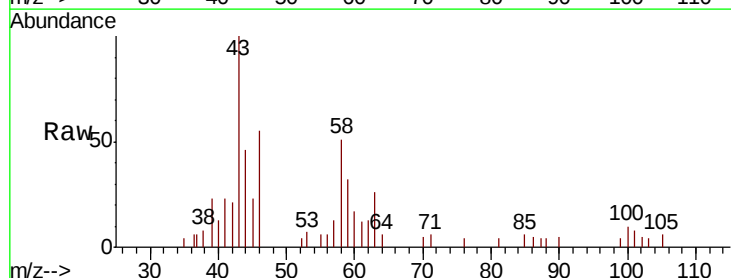
Ion Ratio Lower Upper

43 100

58 37.1 41.6 62.4#

57 5.2 15.4 23.0#

100 6.6 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

