

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017328.D
 Acq On : 03 Jul 2020 00:13
 Operator : SY/MD
 Sample : L3104-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jul 03 06:20:38 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	163752	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161121	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76906	5.00	ug/L	0.00

System Monitoring Compounds

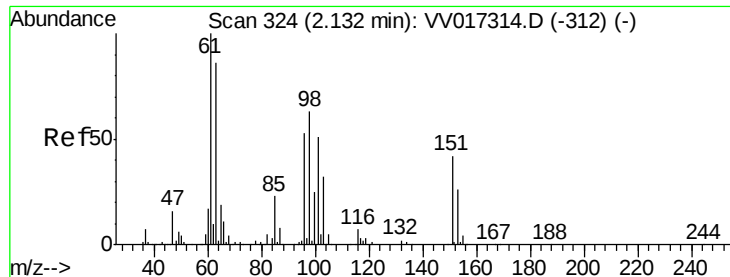
4) Vinyl Chloride-d3	1.32	65	40478	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.58	69	32761	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	66201	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.95	46	93290	37.24	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.48%
24) Chloroform-d	4.38	84	91987	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	52057	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.07	84	171425	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.10	67	47266	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.60%
41) Toluene-d8	7.34	98	153327	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
45) trans-1,3-Dichloropropene-	7.65	79	19681	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
48) 2-Hexanone-d5	8.11	63	63514	31.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.96%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33194	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	62362	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	739	0.085 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	653	0.083 ug/L #	1
16) Methylene chloride	2.52	84	5458	0.649 ug/L	86
25) Chloroform	4.41	83	2728	0.133 ug/L	96
34) Trichloroethene	5.95	95	3050	0.247 ug/L	92
35) Methylcyclohexane	6.10	83	13220	0.688 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	6662	0.638 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1645	0.106 ug/L	93
50) 2-Hexanone	8.17	43	4954	1.154 ug/L #	92

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

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ALS Vial : 32 Sample Multiplier: 1



#10

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

Concen: 0.085 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017328.D

Acq: 03 Jul 2020 00:13

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

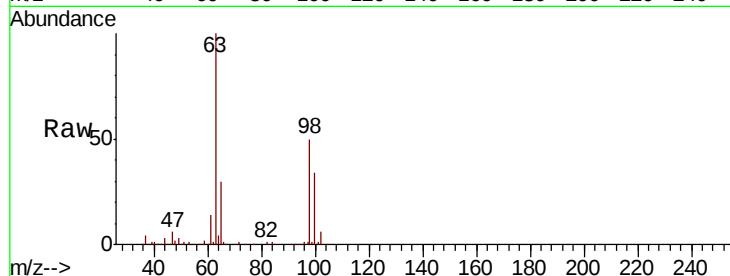
Tot Ion:101 Resp: 739

Ion Ratio Lower Upper

101 100

85 2.7 35.4 53.2#

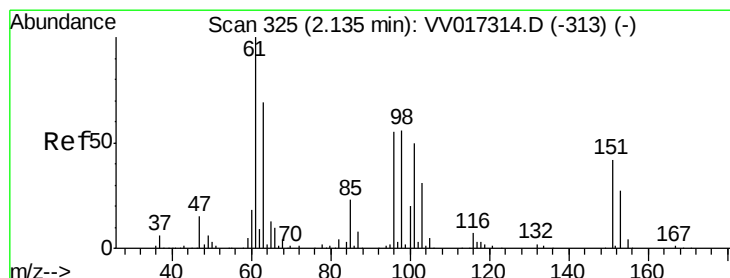
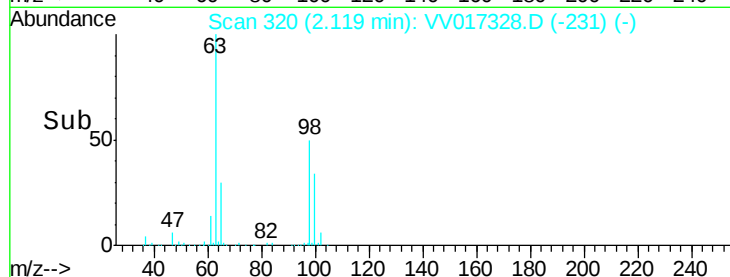
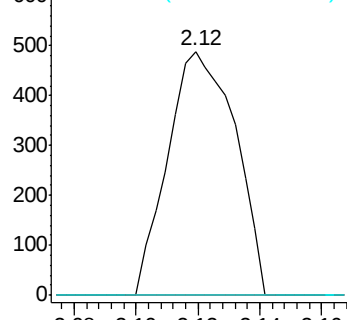
151 0.0 63.9 95.9#



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: 0.083 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017328.D

Acq: 03 Jul 2020 00:13

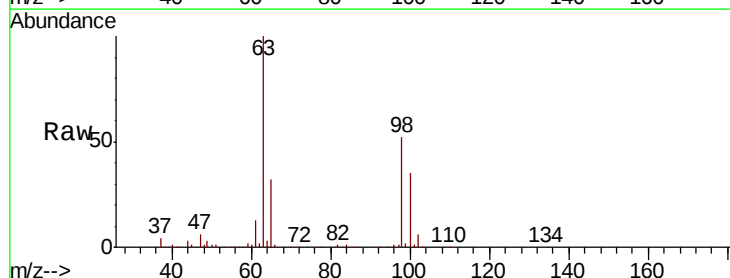
Tgt Ion: 96 Resp: 653

Ion Ratio Lower Upper

96 100

61 1328.4 125.0 232.2#

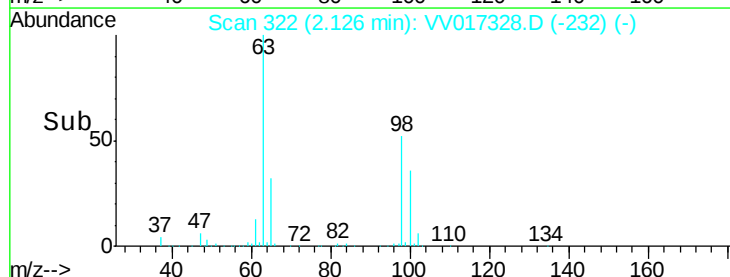
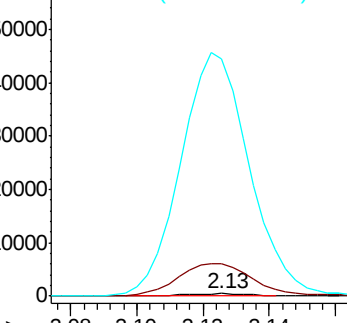
63 9895.1 109.8 203.8#

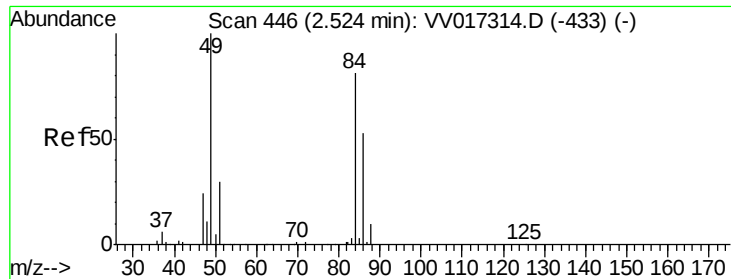


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

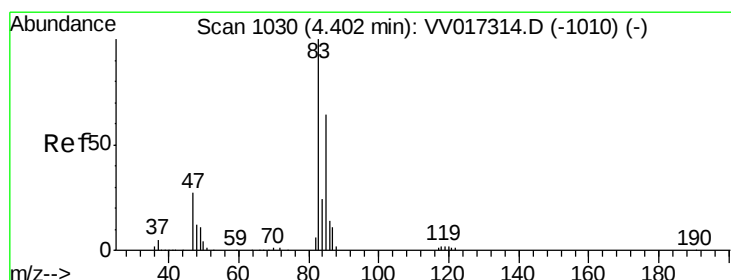
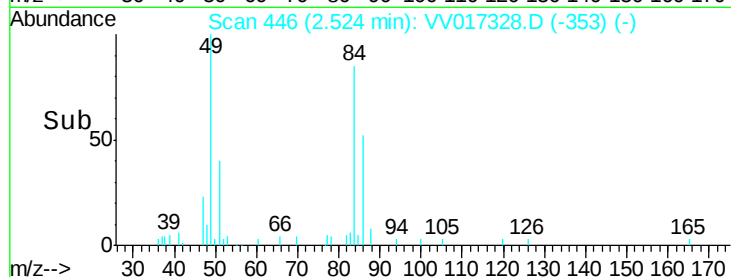
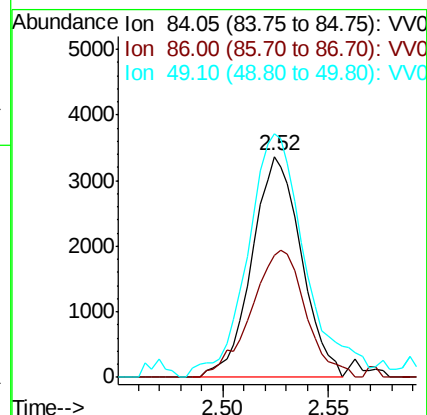
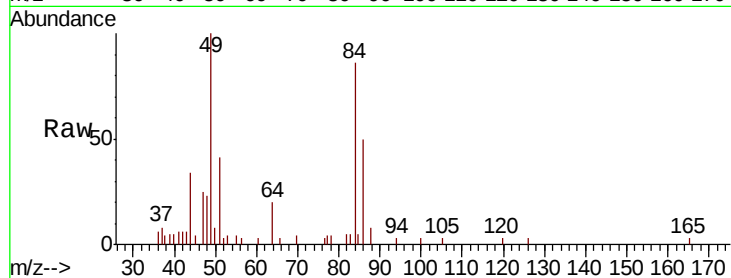




#16
Methvlene chloride
Concen: 0.649 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV017328.D
Acq: 03 Jul 2020 00:13

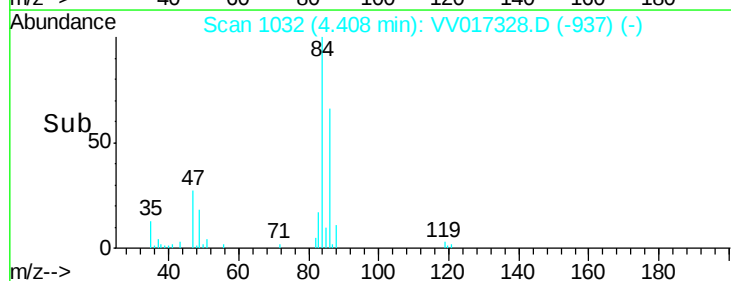
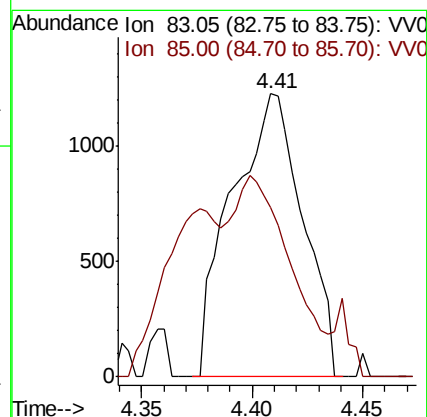
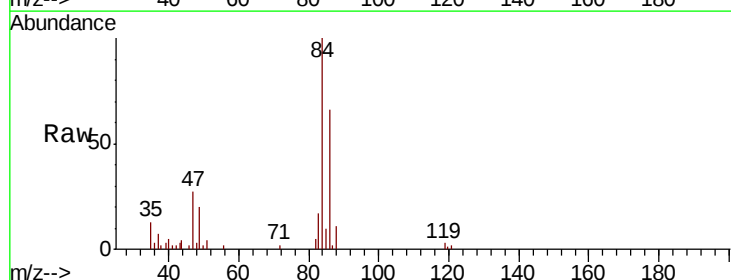
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

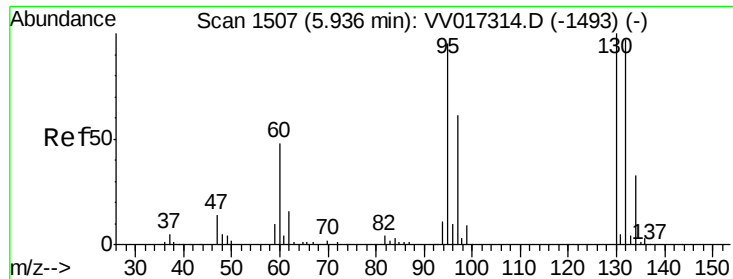
Tot Ion: 84 Resp: 5458
Ion Ratio Lower Upper
84 100
86 55.4 45.8 85.0
49 110.3 89.6 166.4



#25
Chloroform
Concen: 0.133 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017328.D
Acq: 03 Jul 2020 00:13

Tgt Ion: 83 Resp: 2728
Ion Ratio Lower Upper
83 100
85 59.9 44.2 82.2

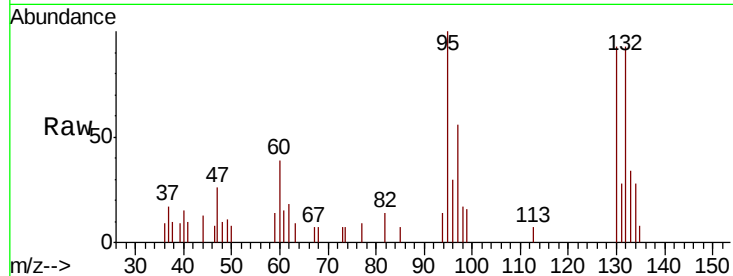




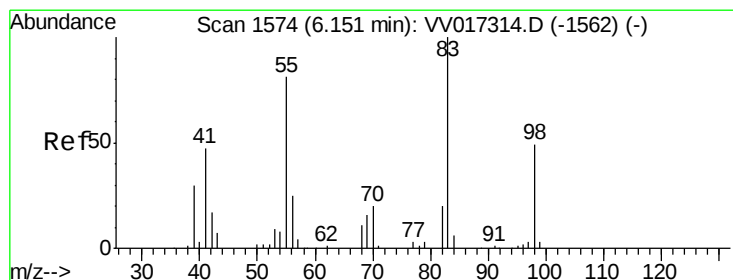
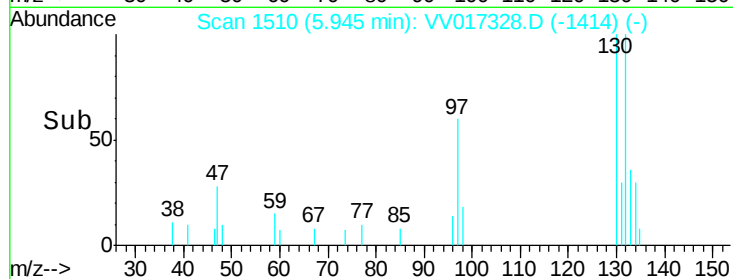
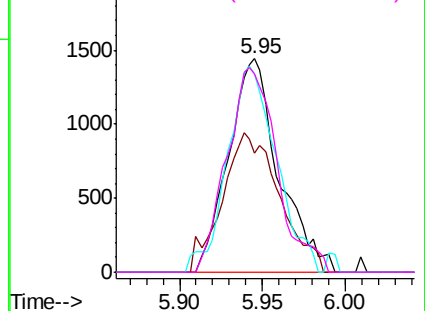
#34
 Trichloroethene
 Concen: 0.247 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV017328.D
 Acq: 03 Jul 2020 00:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tot Ion:	95	Resp:	3050
Ion	Ratio	Lower	Upper
95	100		
97	55.7	45.3	84.1
132	92.9	68.8	127.8
130	93.0	70.2	130.4

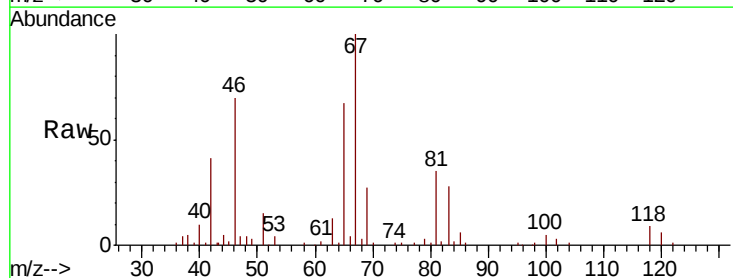


Abundance Ion 95.00 (94.70 to 95.70): VV017328.D (-1493) (-)
 Ion 96.95 (96.65 to 97.65): VV017328.D (-1493) (-)
 Ion 131.95 (131.65 to 132.65): VV017328.D (-1493) (-)
 Ion 129.95 (129.65 to 130.65): VV017328.D (-1493) (-)

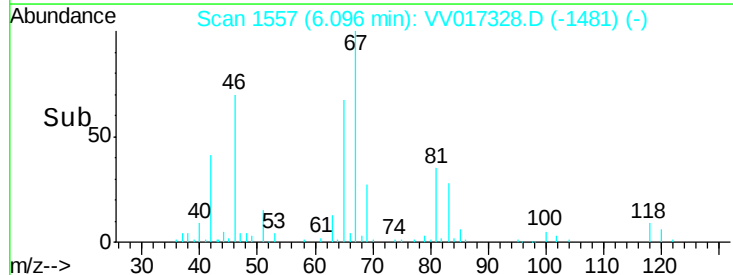
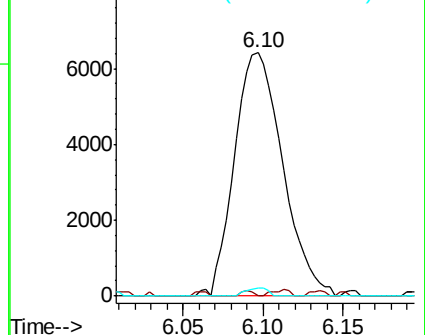


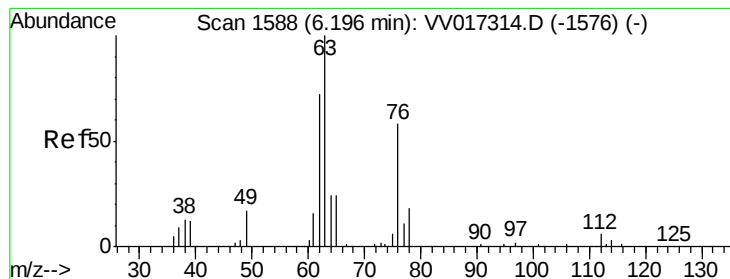
#35
 Methylcyclohexane
 Concen: 0.688 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017328.D
 Acq: 03 Jul 2020 00:13

Tgt Ion:	83	Resp:	13220
Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.6	95.4#
98	1.5	38.8	58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV017328.D (-1481) (-)
 Ion 55.10 (54.80 to 55.80): VV017328.D (-1481) (-)
 Ion 98.15 (97.85 to 98.85): VV017328.D (-1481) (-)





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017328.D

Acq: 03 Jul 2020 00:13

Instrument :

MSVOA_V

ClientSampleId :

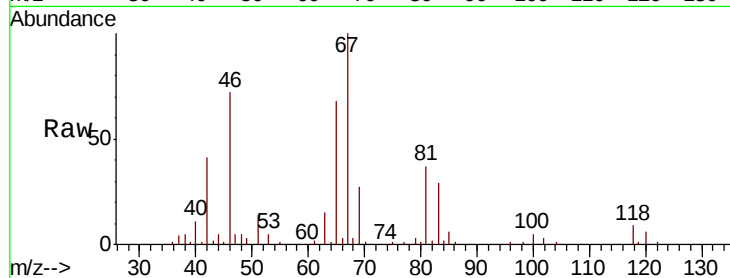
VHBLK01

Tot Ion: 63 Resp: 6662

Ion Ratio Lower Upper

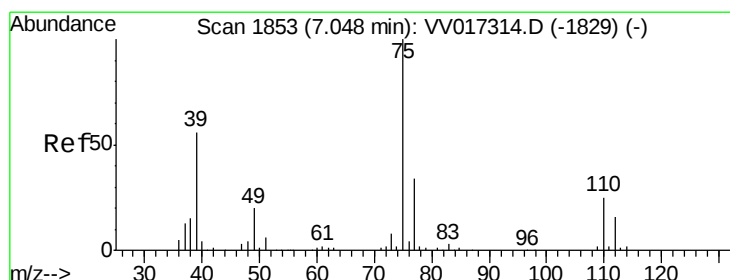
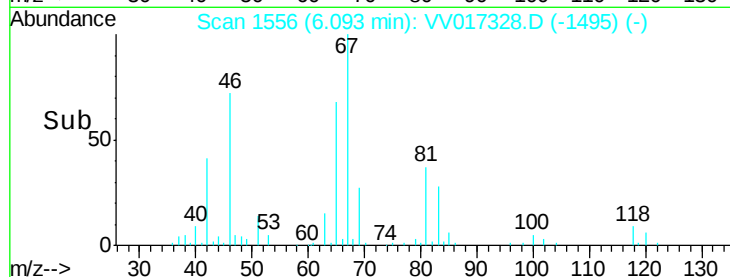
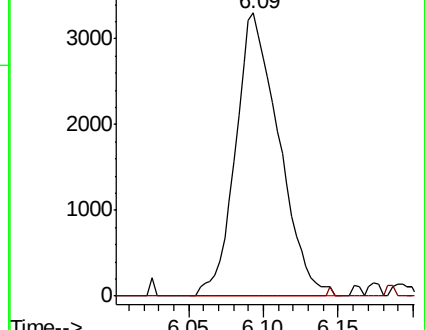
63 100

112 0.3 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV017314.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV017314.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV017328.D

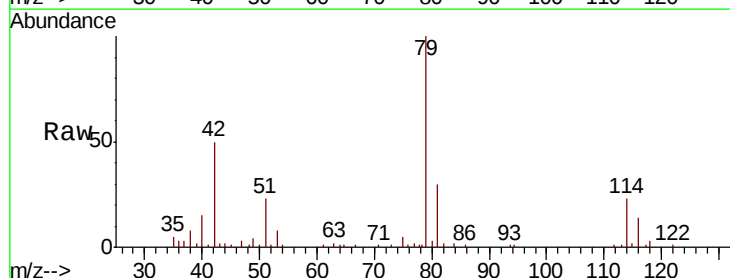
Acq: 03 Jul 2020 00:13

Tgt Ion: 75 Resp: 1645

Ion Ratio Lower Upper

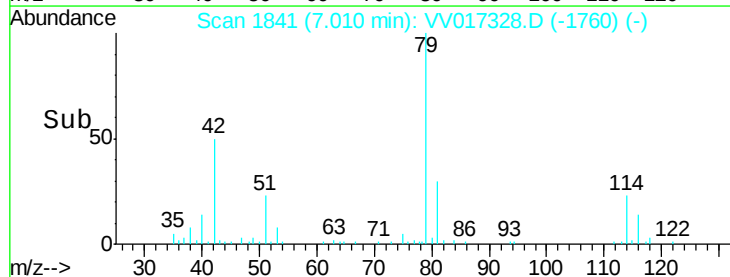
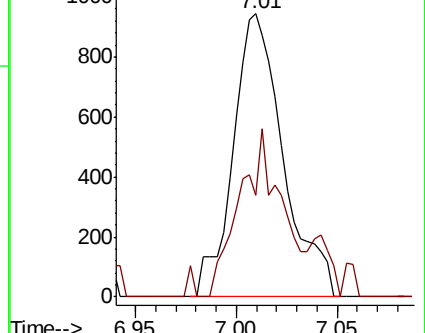
75 100

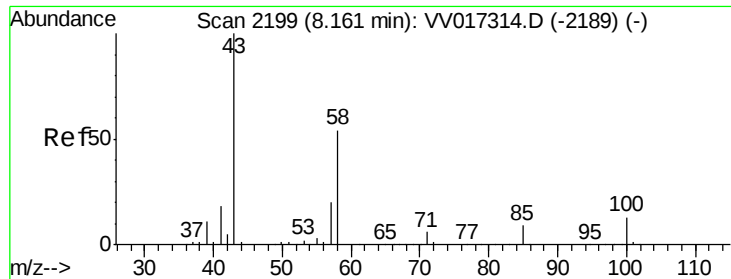
77 35.9 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV017314.D (-1829) (-)

Ion 77.05 (76.75 to 77.75): VV017314.D (-1829) (-)





#50
 2-Hexanone
 Concen: 1.154 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV017328.D
 Acq: 03 Jul 2020 00:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tot Ion:	43	Resp:	4954
Ion	Ratio	Lower	Upper
43	100		
58	50.0	41.6	62.4
57	26.0	15.4	23.0#
100	6.0	10.1	15.1#

