

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017045.D
 Acq On : 23 Jun 2020 10:52
 Operator : SY/MD
 Sample : VV0623WBL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK51

Quant Time: Jun 24 05:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	183861	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	179750	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	84527	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43866	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	35490	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.12	63	67893	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.94	46	133657	47.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.04%
24) Chloroform-d	4.38	84	105683	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	60047	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.07	84	211802	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.09	67	62990	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.34	98	192394	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
45) trans-1,3-Dichloropropene-	7.64	79	23204	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
48) 2-Hexanone-d5	8.11	63	79650	35.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41405	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	76564	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

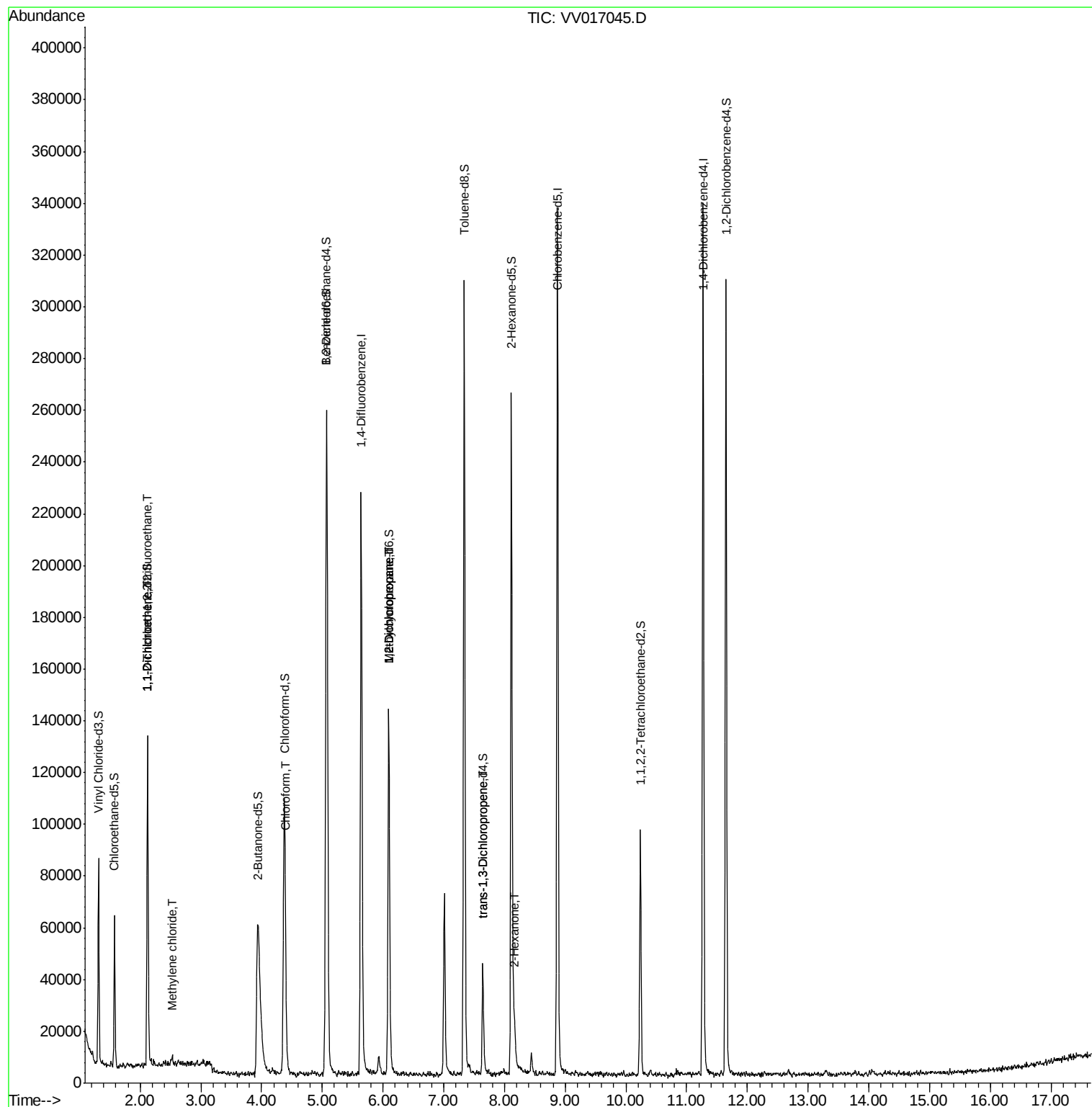
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	805	0.083 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	768	0.087 ug/L #	1
16) Methylene chloride	2.52	84	1119	0.118 ug/L	81
25) Chloroform	4.40	83	7659	0.334 ug/L	94
35) Methylcyclohexane	6.09	83	16737	0.781 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7297	0.626 ug/L #	85
46) trans-1,3-Dichloropropene	7.64	75	1396	0.093 ug/L	85
50) 2-Hexanone	8.17	43	9249	1.932 ug/L #	52

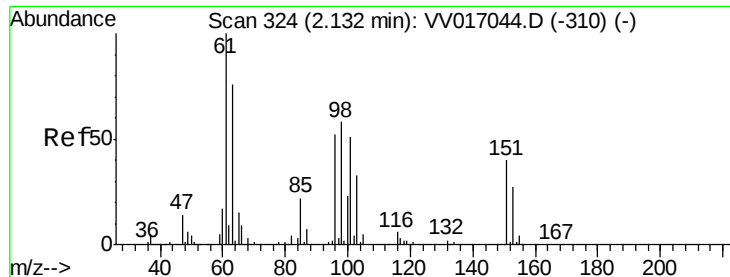
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration





#10

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

Concen: 0.083 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017045.D

Acq: 23 Jun 2020 10:52

Instrument :

MSVOA_V

ClientSampleId :

VBLK51

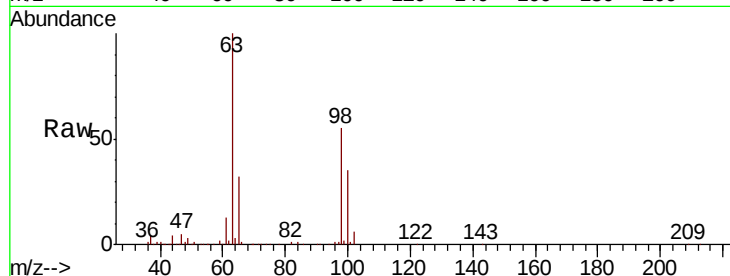
Tot Ion:101 Resp: 805

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

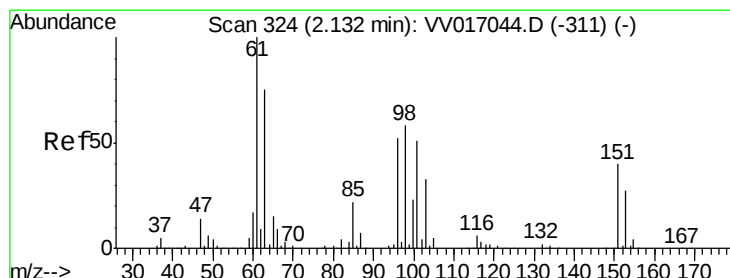
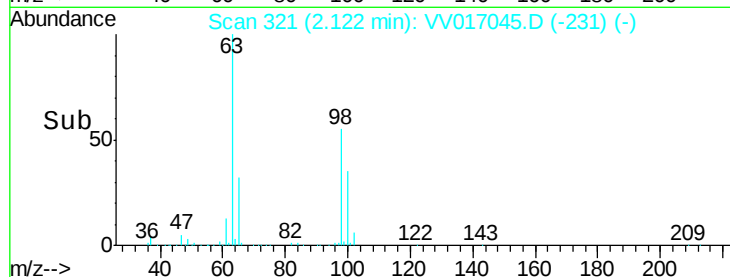
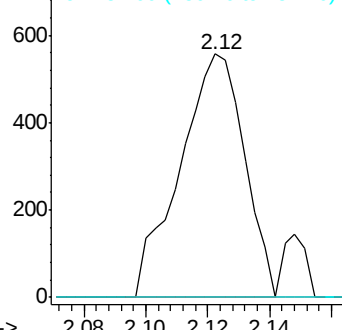
151 0.0 63.9 95.9#



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: 0.087 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017045.D

Acq: 23 Jun 2020 10:52

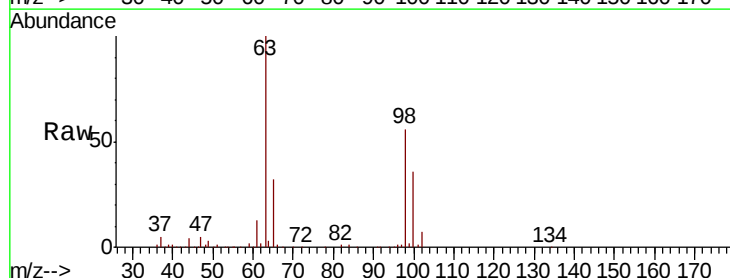
Tgt Ion: 96 Resp: 768

Ion Ratio Lower Upper

96 100

61 1145.1 125.0 232.2#

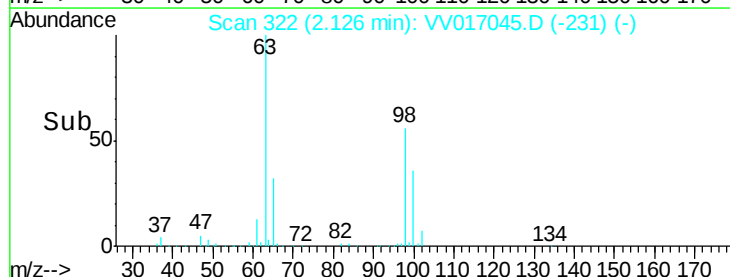
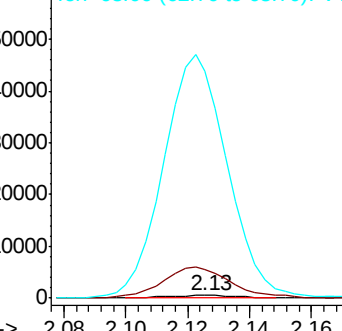
63 8926.8 109.8 203.8#

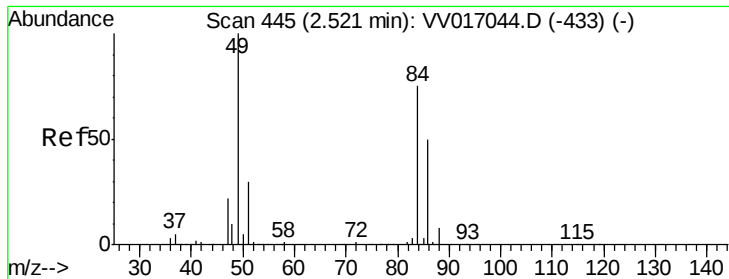


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

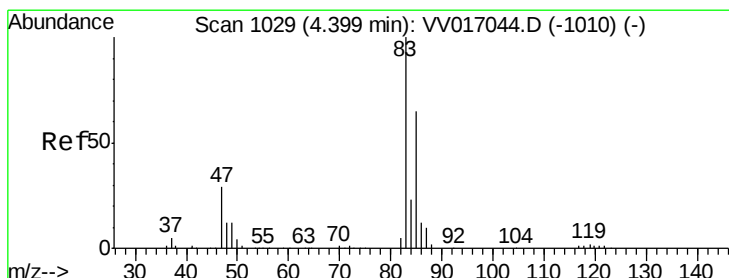
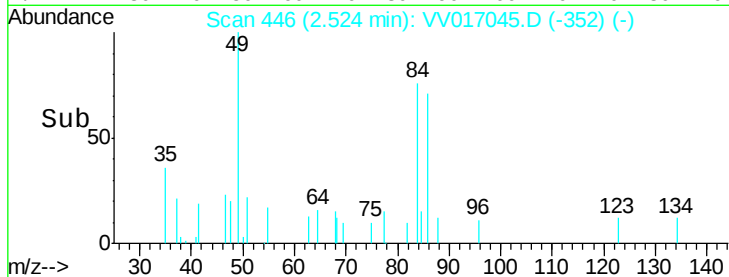
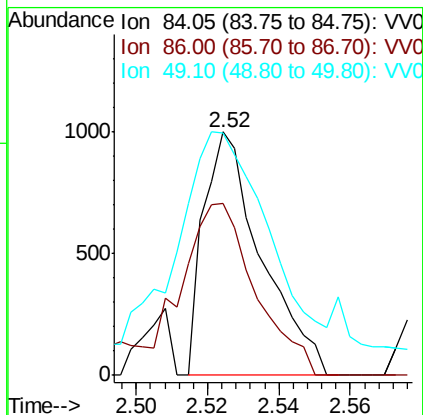
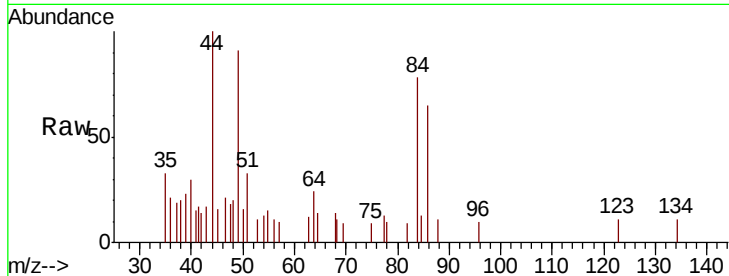




#16
Methvlene chloride
Concen: 0.118 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017045.D
Acq: 23 Jun 2020 10:52

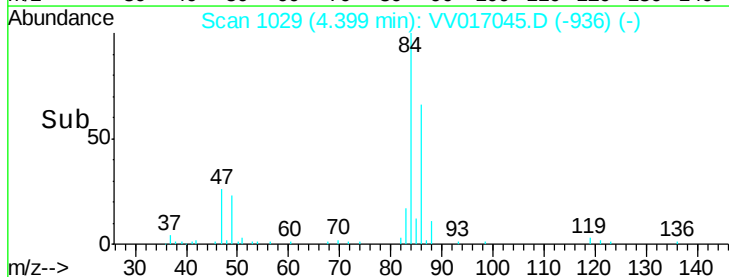
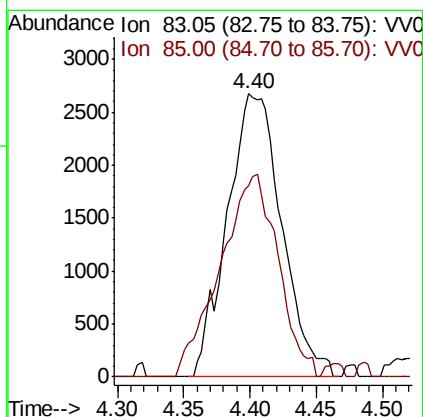
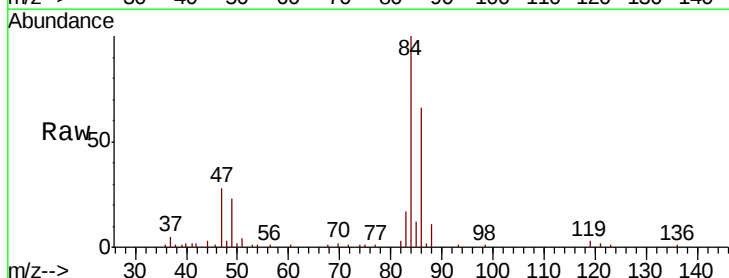
Instrument :
MSVOA_V
ClientSampled :
VBLK51

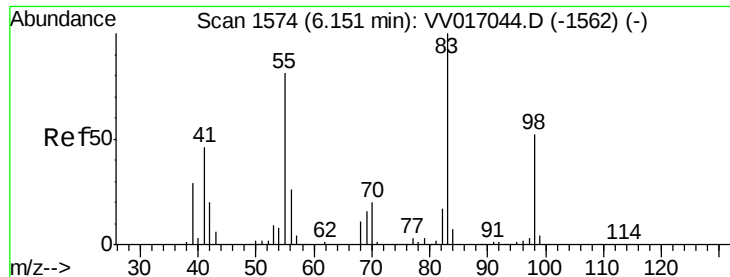
Tot Ion: 84 Resp: 1119
Ion Ratio Lower Upper
84 100
86 70.7 45.8 85.0
49 99.3 89.6 166.4



#25
Chloroform
Concen: 0.334 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV017045.D
Acq: 23 Jun 2020 10:52

Tgt Ion: 83 Resp: 7659
Ion Ratio Lower Upper
83 100
85 67.7 44.2 82.2

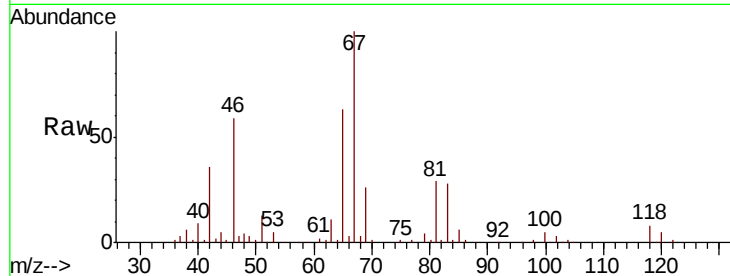




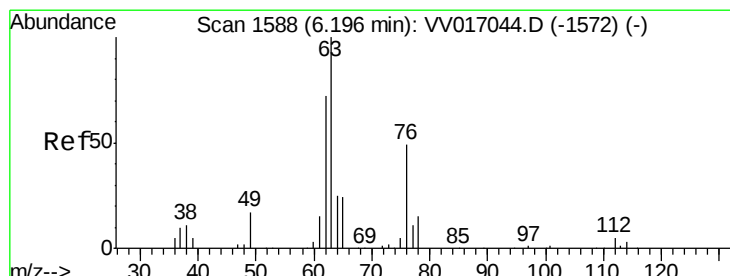
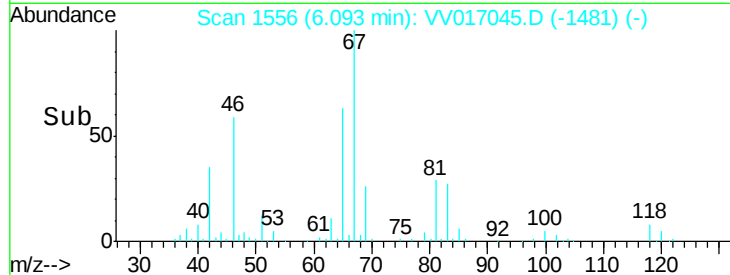
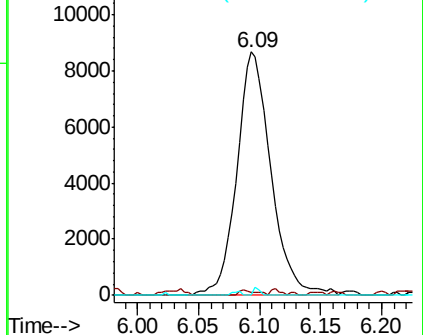
#35
Methvlcvclohexane
Concen: 0.781 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017045.D
Acq: 23 Jun 2020 10:52

Instrument :
MSVOA_V
ClientSampleId :
VBLK51

Tot Ion: 83 Resp: 16737
Ion Ratio Lower Upper
83 100
55 0.8 63.6 95.4#
98 0.5 38.8 58.2#

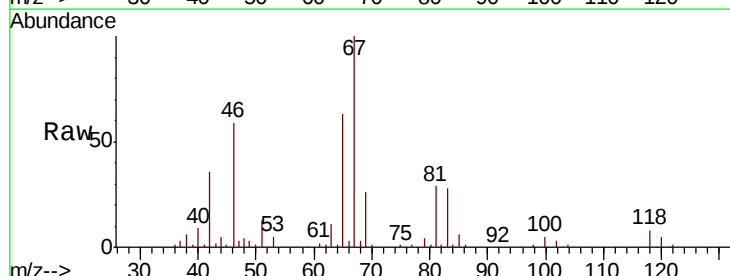


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

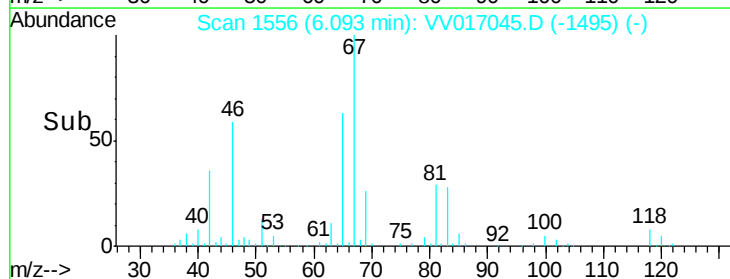
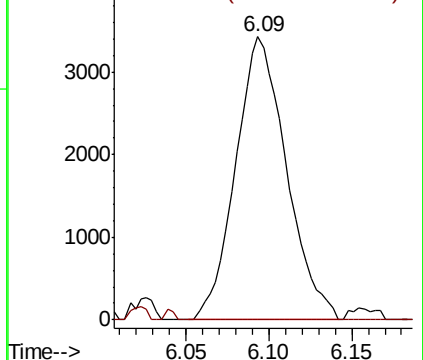


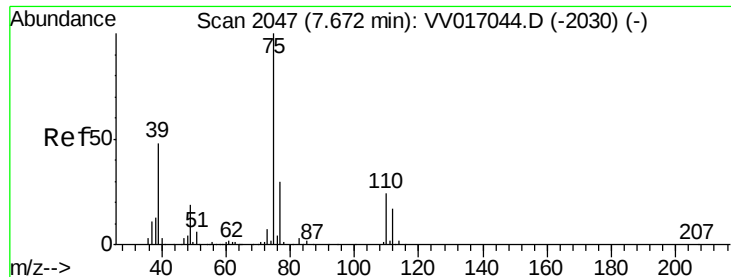
#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017045.D
Acq: 23 Jun 2020 10:52

Tgt Ion: 63 Resp: 7297
Ion Ratio Lower Upper
63 100
112 0.6 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#46

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017045.D

Acq: 23 Jun 2020 10:52

Instrument :

MSVOA_V

ClientSampled :

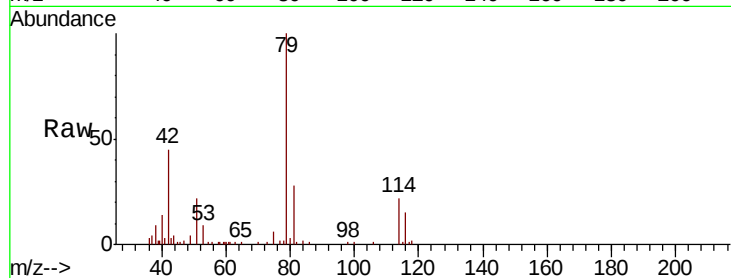
VBLK51

Tot Ion: 75 Resp: 1396

Ion Ratio Lower Upper

75 100

77 40.2 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

800

600

400

200

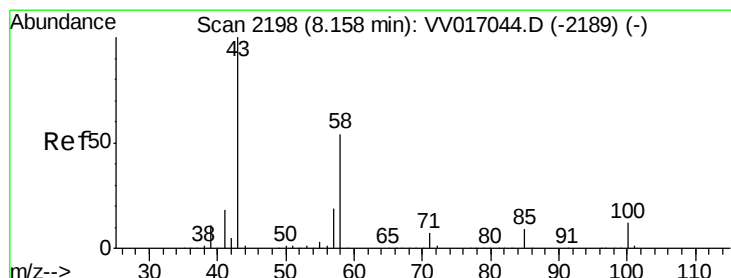
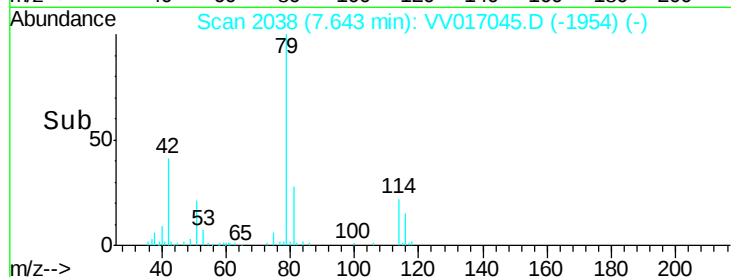
0

7.60

7.65

7.70

Time-->



#50

2-Hexanone

Concen: 1.932 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017045.D

Acq: 23 Jun 2020 10:52

Tgt Ion: 43 Resp: 9249

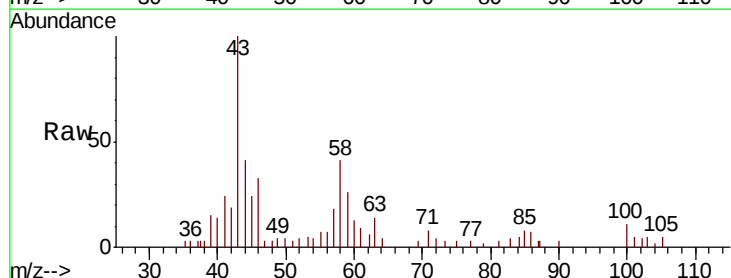
Ion Ratio Lower Upper

43 100

58 0.0 41.6 62.4#

57 19.8 15.4 23.0

100 7.8 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

10000

8000

6000

4000

2000

0

8.15

8.20

8.25

Time-->

