

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017093.D
 Acq On : 24 Jun 2020 23:53
 Operator : SY/MD
 Sample : L3105-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM0

Quant Time: Jun 25 01:24:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167416	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165593	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78854	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37876	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.58	69	32591	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.13	63	60528	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.92	46	118981	46.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.92%
24) Chloroform-d	4.38	84	101657	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	55038	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.08	84	191713	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.10	67	56931	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.34	98	171448	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
45) trans-1,3-Dichloropropene-	7.65	79	21741	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
48) 2-Hexanone-d5	8.11	63	87025	42.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41723	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	70016	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

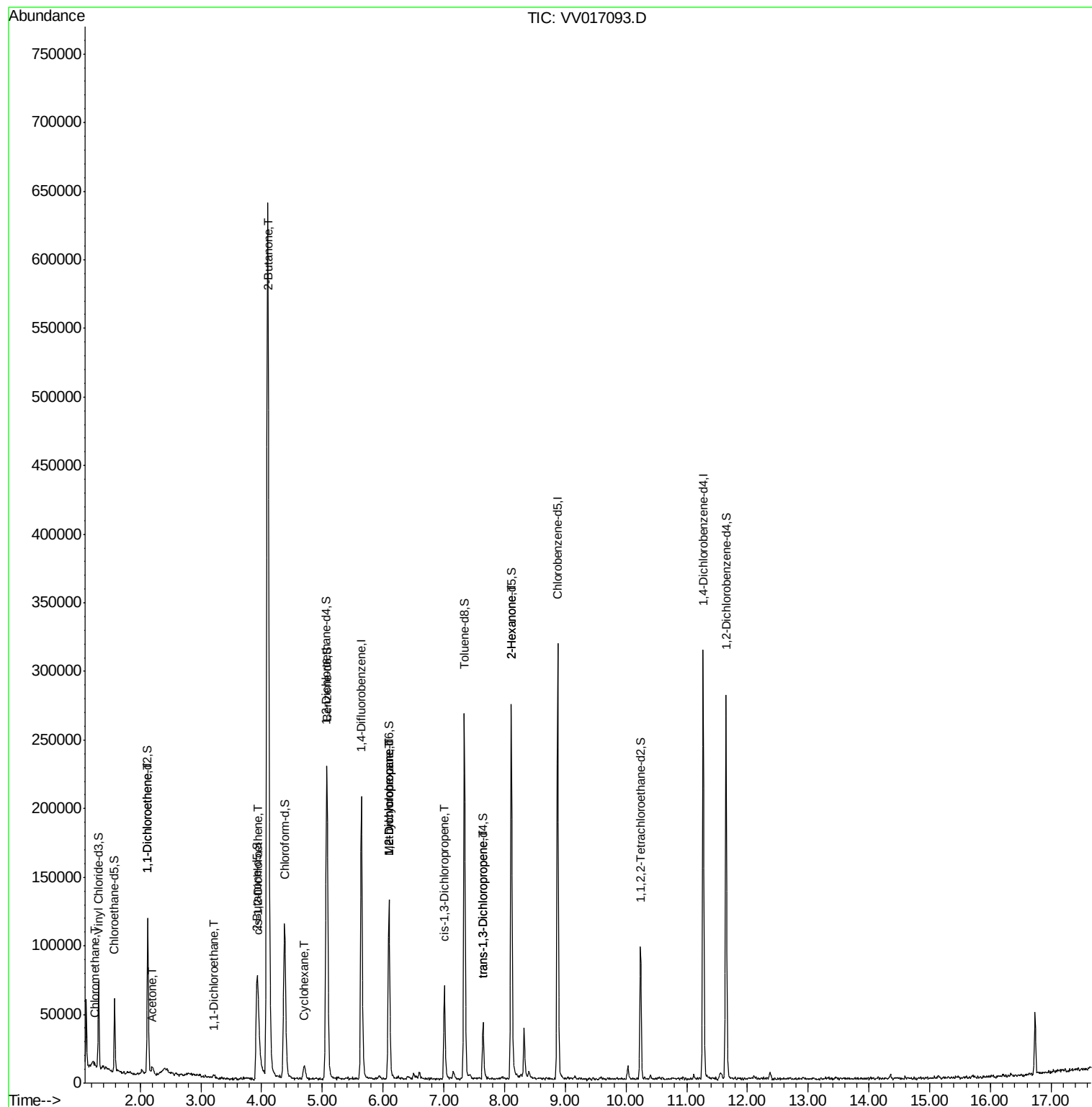
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1218	0.108	ug/L	100
12) 1,1-Dichloroethene	2.13	96	936	0.116	ug/L #	1
13) Acetone	2.20	43	8492	6.560	ug/L	93
19) 1,1-Dichloroethane	3.22	63	2297	0.120	ug/L	96
21) 2-Butanone	4.10	43	996079	408.188	ug/L #	50
22) cis-1,2-Dichloroethene	3.94	96	7011	0.602	ug/L	96
30) Cyclohexane	4.70	56	4893	0.259	ug/L	96
35) Methylcyclohexane	6.10	83	14513	0.735	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	7197	0.670	ug/L #	92
39) cis-1,3-Dichloropropene	7.01	75	2064	0.129	ug/L #	73
46) trans-1,3-Dichloropropene	7.64	75	1370	0.099	ug/L #	71
50) 2-Hexanone	8.11	43	11503	2.608	ug/L #	74

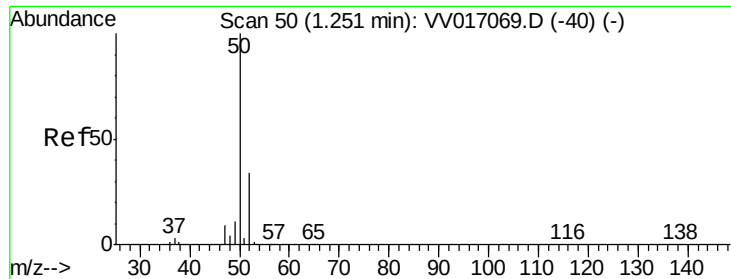
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.108 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017093.D

Acq: 24 Jun 2020 23:53

Instrument :

MSVOA_V

ClientSampleId :

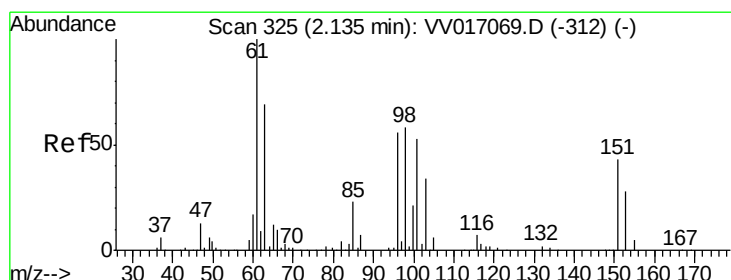
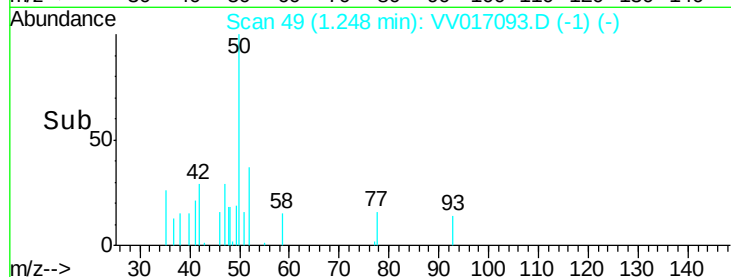
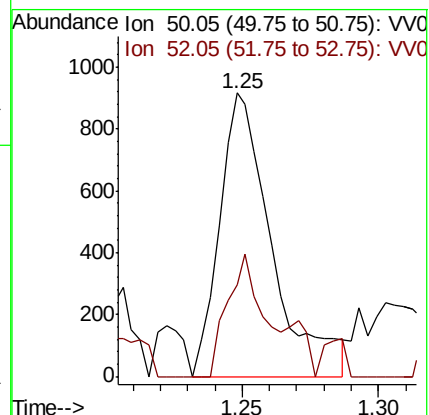
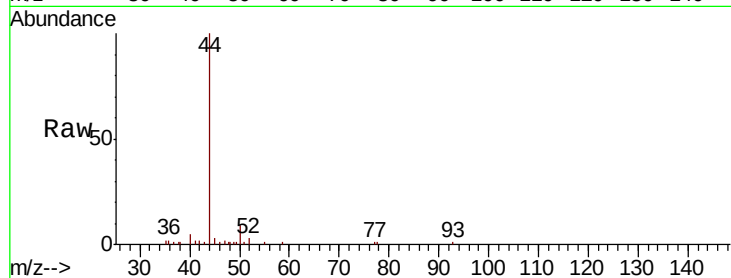
BFXM0

Tot Ion: 50 Resp: 1218

Ion Ratio Lower Upper

50 100

52 32.1 22.5 41.9



#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV017093.D

Acq: 24 Jun 2020 23:53

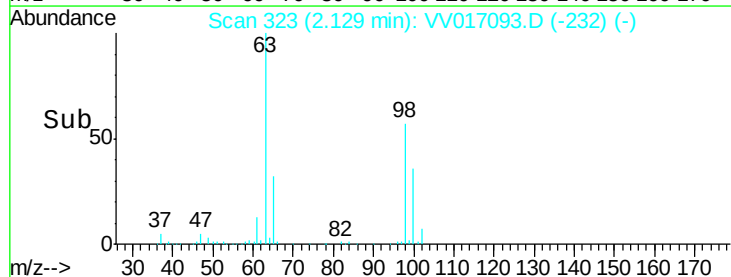
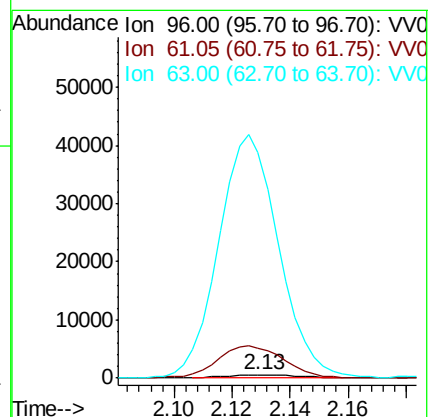
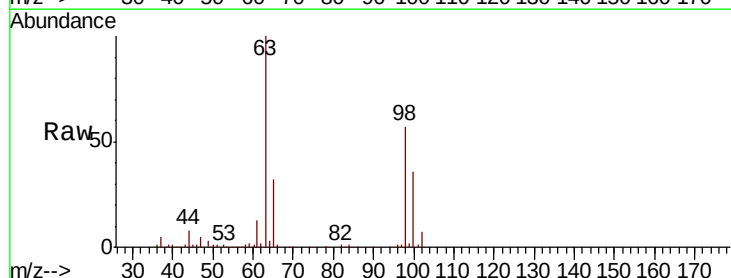
Tgt Ion: 96 Resp: 936

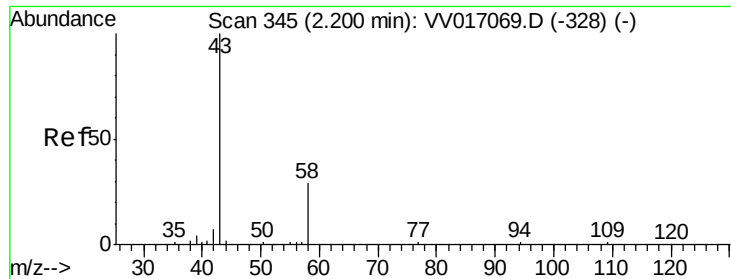
Ion Ratio Lower Upper

96 100

61 952.7 125.0 232.2#

63 7100.7 109.8 203.8#





#13

Acetone

Concen: 6.560 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV017093.D

Acq: 24 Jun 2020 23:53

Instrument :

MSVOA_V

ClientSampleId :

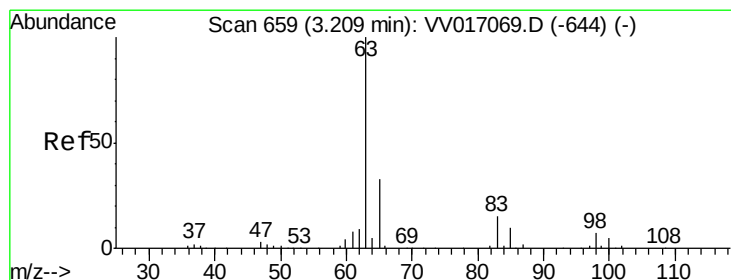
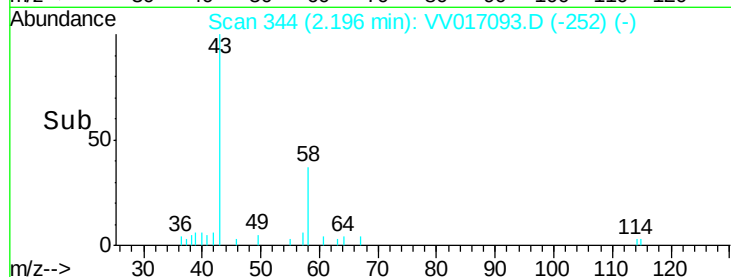
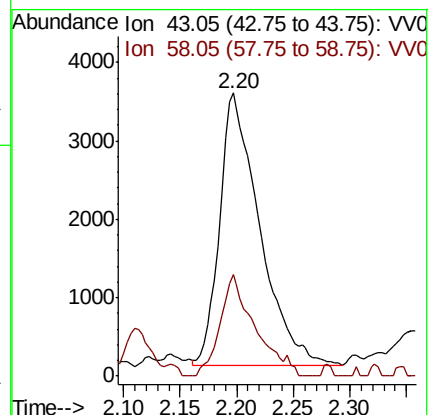
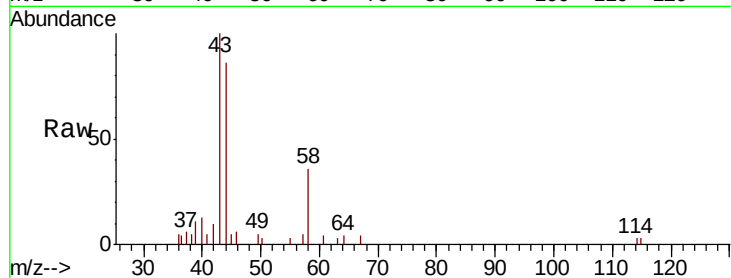
BFXM0

Tot Ion: 43 Resp: 8492

Ion Ratio Lower Upper

43 100

58 32.8 0.0 58.4



#19

1,1-Dichloroethane

Concen: 0.120 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017093.D

Acq: 24 Jun 2020 23:53

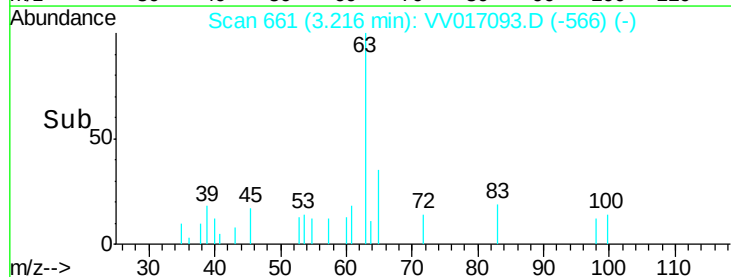
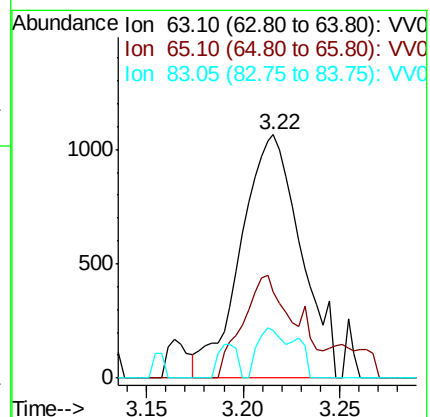
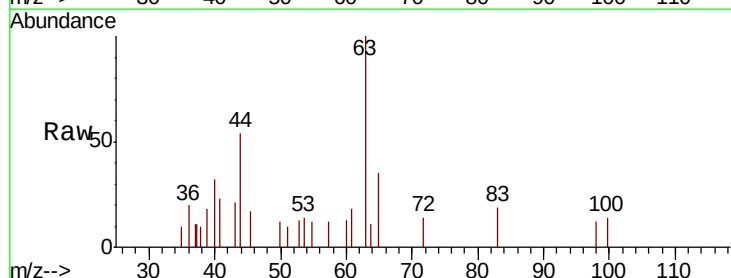
Tgt Ion: 63 Resp: 2297

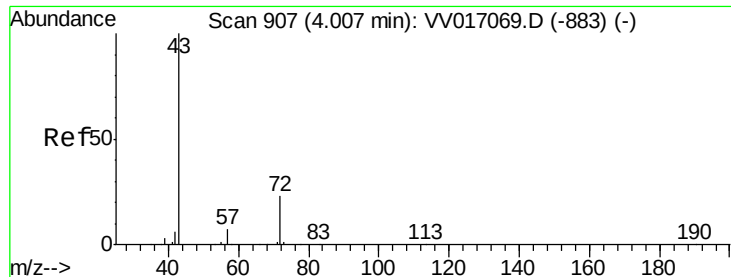
Ion Ratio Lower Upper

63 100

65 31.9 21.8 40.4

83 17.5 9.7 17.9





#21

2-Butanone

Concen: 408.188 ug/L

RT: 4.10 min Scan# 936

Delta R.T. 0.09 min

Lab File: VV017093.D

Acq: 24 Jun 2020 23:53

Instrument :

MSVOA_V

ClientSampled :

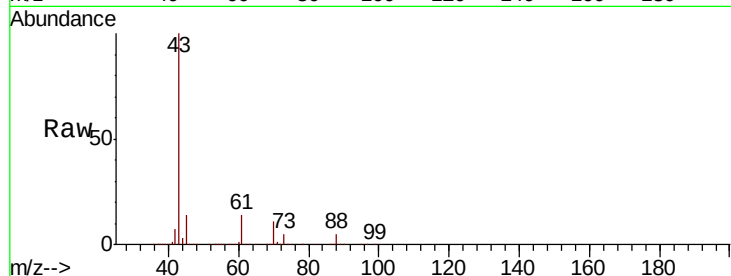
BFXM0

Tot Ion: 43 Resp: 996079

Ion Ratio Lower Upper

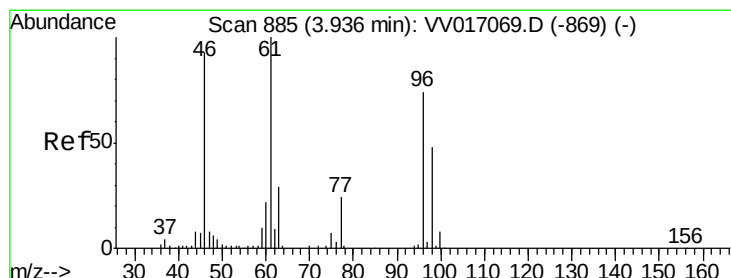
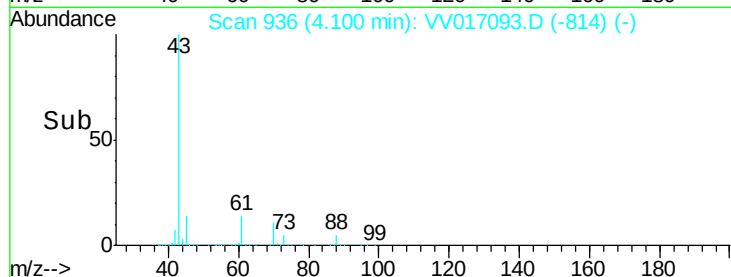
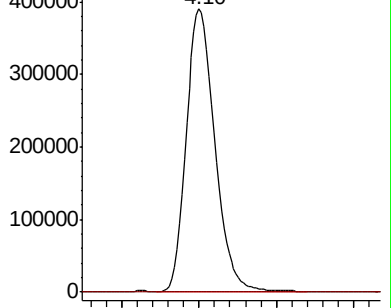
43 100

72 0.0 12.4 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.602 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017093.D

Acq: 24 Jun 2020 23:53

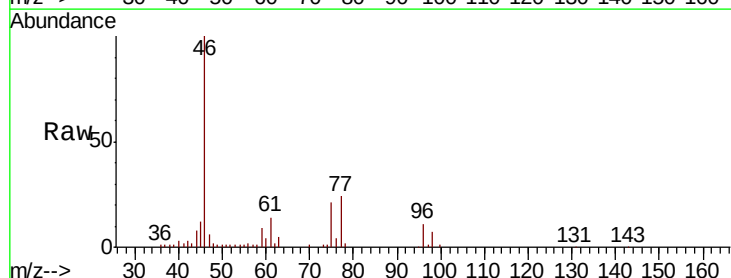
Tgt Ion: 96 Resp: 7011

Ion Ratio Lower Upper

96 100

61 125.1 91.0 169.0

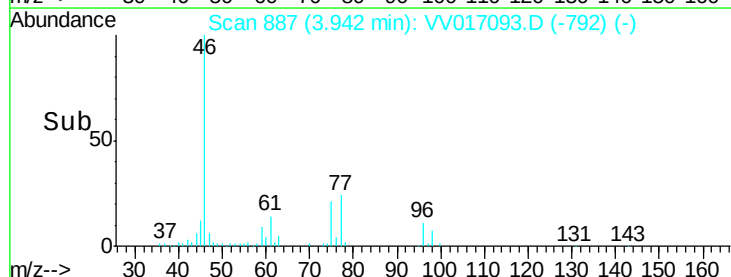
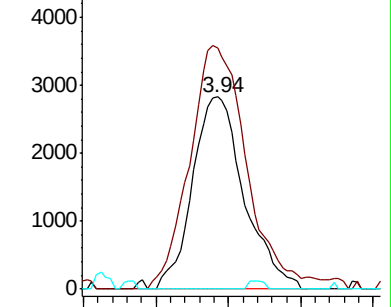
68 0.0 0.0 0.0

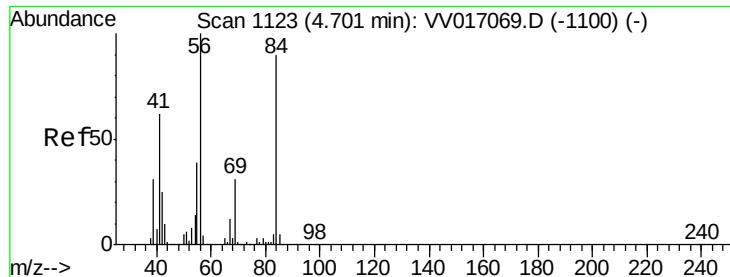


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

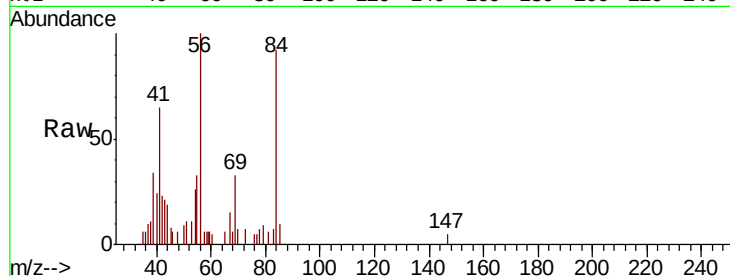




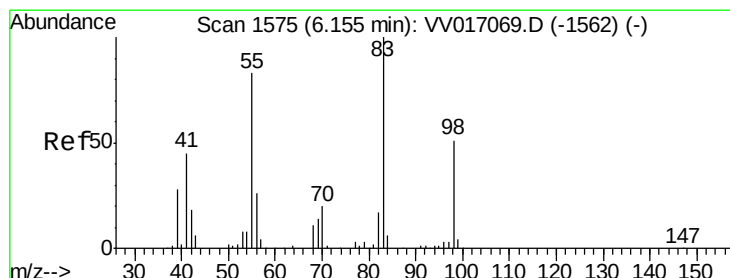
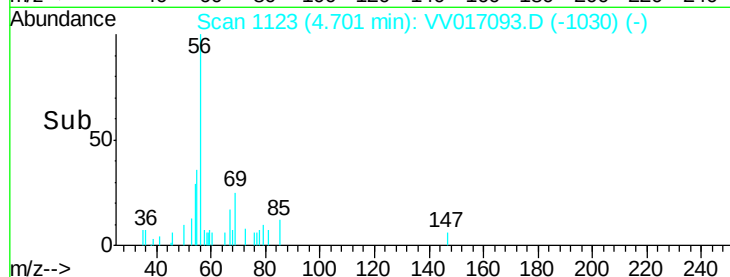
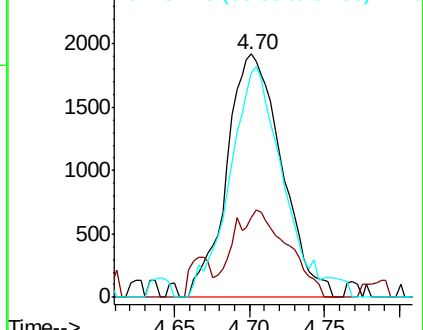
#30
Cyclohexane
Concen: 0.259 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV017093.D
Acq: 24 Jun 2020 23:53

Instrument :
MSVOA_V
ClientSampleId :
BFXM0

Tot Ion	56	Resp	4893
Ion	Ratio	Lower	Upper
56	100		
69	35.1	24.4	36.6
84	89.8	69.9	104.9

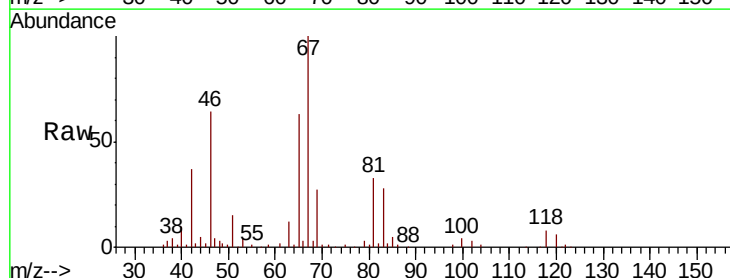


Abundance Ion 56.10 (55.80 to 56.80): VV017069.D (-1100) (-)

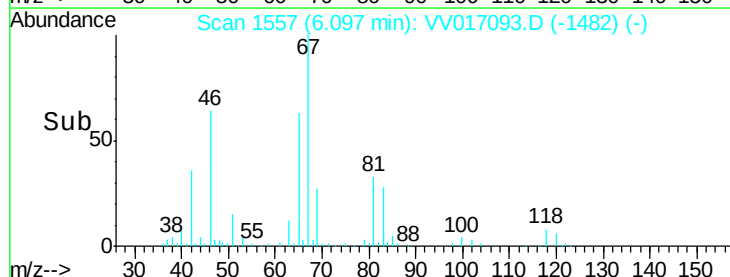
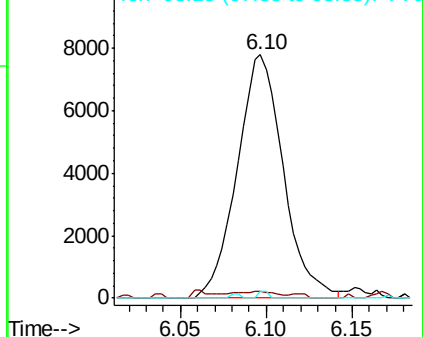


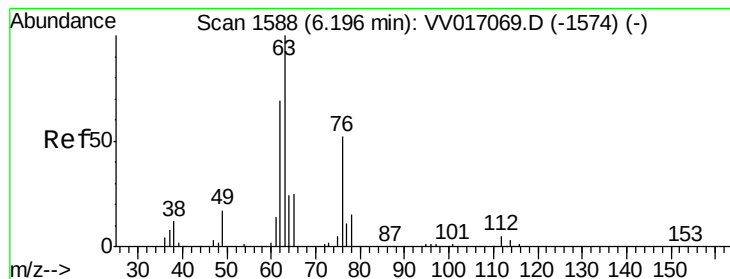
#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017093.D
Acq: 24 Jun 2020 23:53

Tgt Ion	83	Resp	14513
Ion	Ratio	Lower	Upper
83	100		
55	2.9	63.6	95.4#
98	0.5	38.8	58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV017069.D (-1562) (-)





#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017093.D

Acq: 24 Jun 2020 23:53

Instrument :

MSVOA_V

ClientSampled :

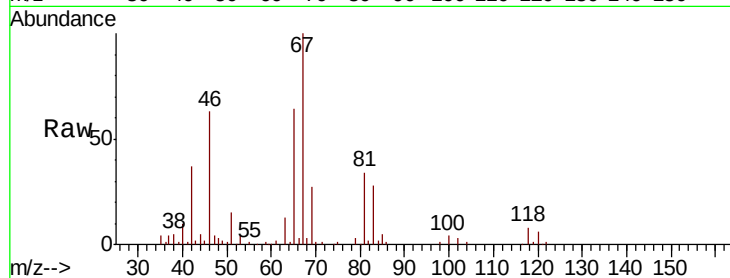
BFXM0

Tot Ion: 63 Resp: 7197

Ion Ratio Lower Upper

63 100

112 2.9 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV017069.D (-1574) (-)

Ion 112.10 (111.80 to 112.80): VV017069.D (-1574) (-)

6.09

4000

3000

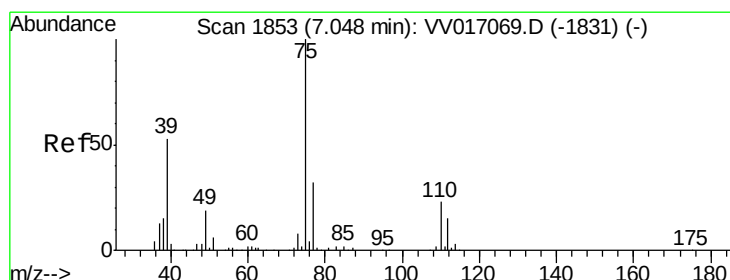
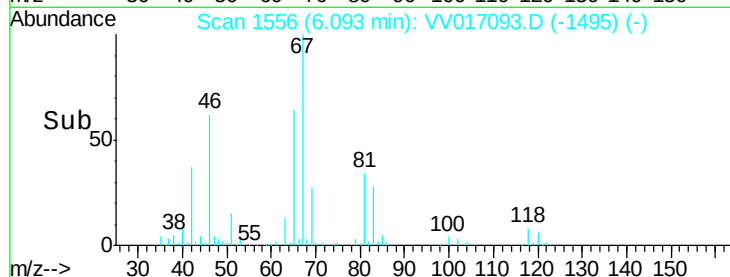
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV017093.D

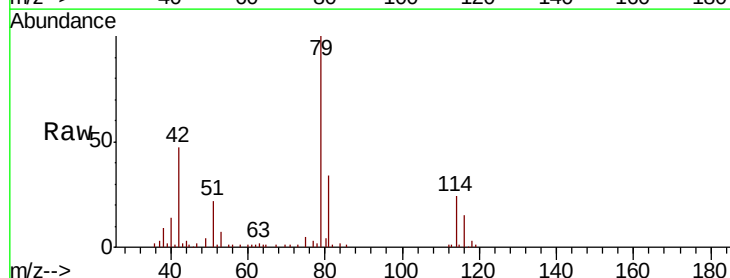
Acq: 24 Jun 2020 23:53

Tgt Ion: 75 Resp: 2064

Ion Ratio Lower Upper

75 100

77 47.1 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV017069.D (-1831) (-)

Ion 77.05 (76.75 to 77.75): VV017069.D (-1831) (-)

7.01

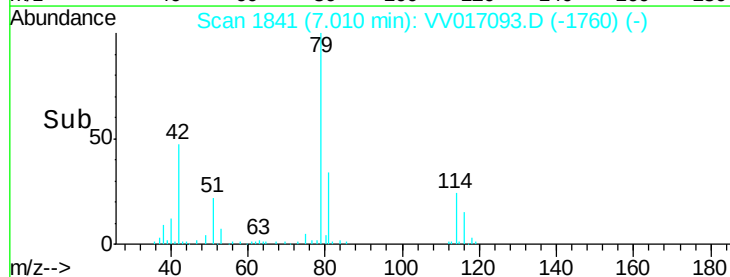
1000

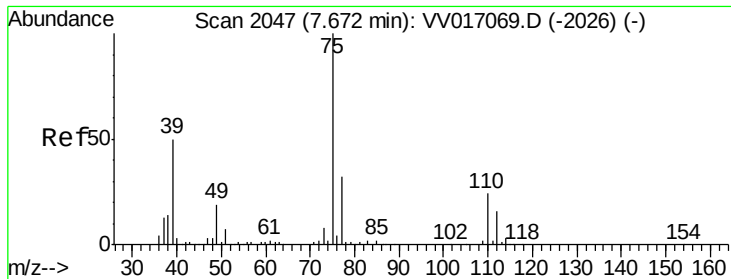
500

0

6.95 7.00 7.05

Time-->





#46

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017093.D

Acq: 24 Jun 2020 23:53

Instrument :

MSVOA_V

ClientSampleId :

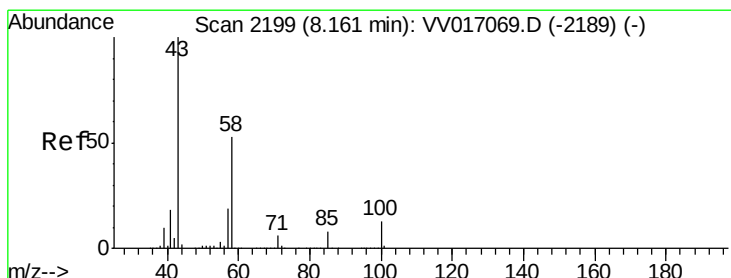
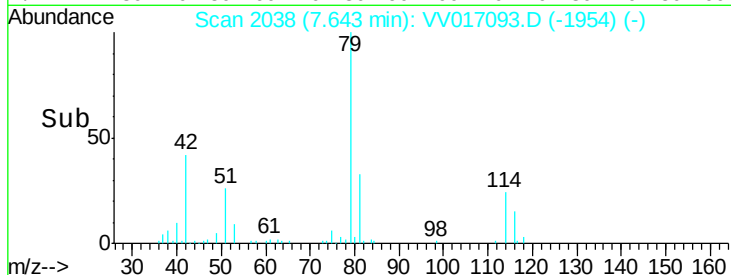
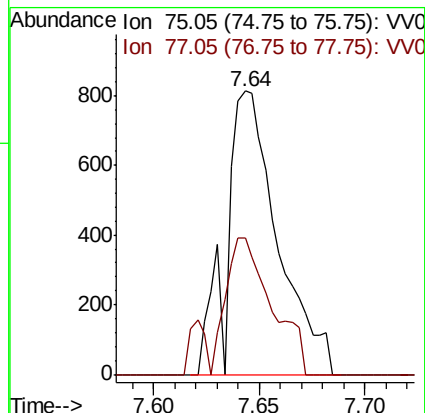
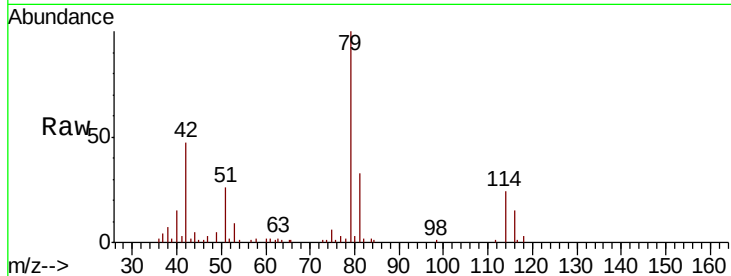
BFXM0

Tot Ion: 75 Resp: 1370

Ion Ratio Lower Upper

75 100

77 48.0 22.3 41.3#



#50

2-Hexanone

Concen: 2.608 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017093.D

Acq: 24 Jun 2020 23:53

Tgt Ion: 43 Resp: 11503

Ion Ratio Lower Upper

43 100

58 33.1 41.6 62.4#

57 30.5 15.4 23.0#

100 2.9 10.1 15.1#

