

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017134.D
 Acq On : 25 Jun 2020 17:59
 Operator : SY/MD
 Sample : L3106-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM6

Quant Time: Jun 26 01:37:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	164101	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161399	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73105	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53105	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.58	69	41837	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.13	63	76222	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.93	46	121803	48.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.04%
24) Chloroform-d	4.38	84	109731	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.06	65	59189	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.08	84	207432	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.09	67	61445	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	177641	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.64	79	23289	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	8.11	63	87733	44.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.20%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41043	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	71102	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

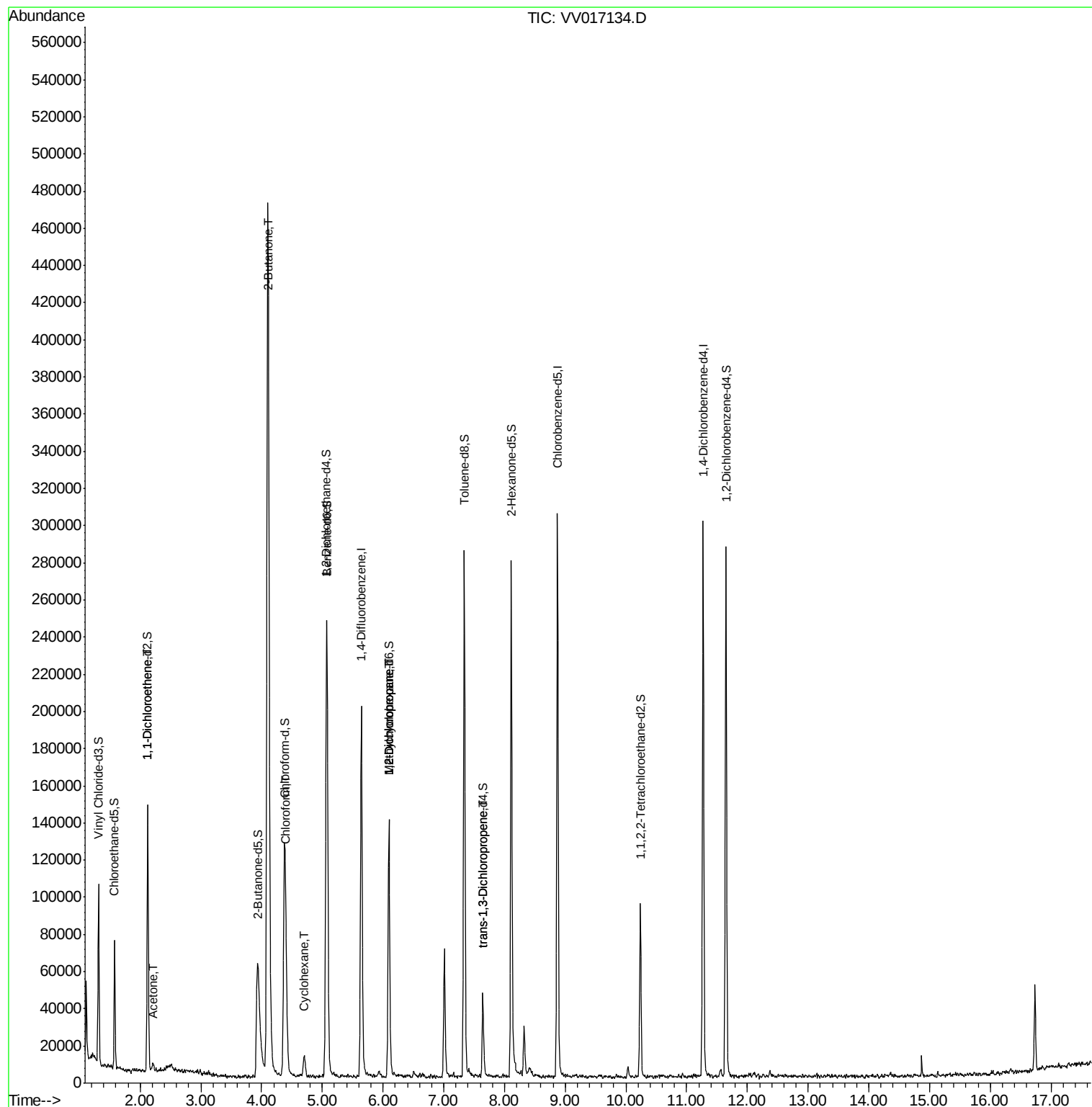
					Ovalue
12) 1,1-Dichloroethene	2.13	96	752	0.095 ug/L #	1
13) Acetone	2.22	43	8247	6.499 ug/L	96
21) 2-Butanone	4.11	43	774299	323.714 ug/L #	50
25) Chloroform	4.41	83	42087	2.055 ug/L	97
30) Cyclohexane	4.70	56	5071	0.276 ug/L	93
35) Methylcyclohexane	6.10	83	16064	0.835 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	8068	0.771 ug/L #	85
46) trans-1,3-Dichloropropene	7.65	75	1495	0.111 ug/L #	65

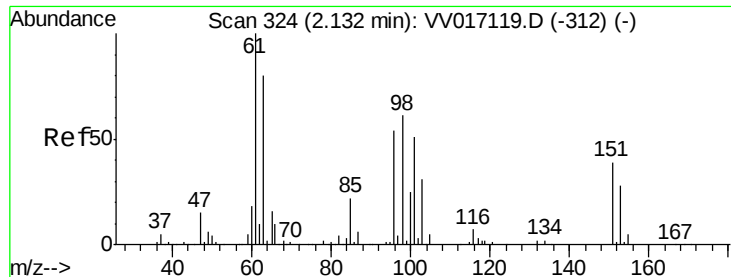
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017134.D

Acq: 25 Jun 2020 17:59

Instrument :

MSVOA_V

ClientSampleId :

BFXM6

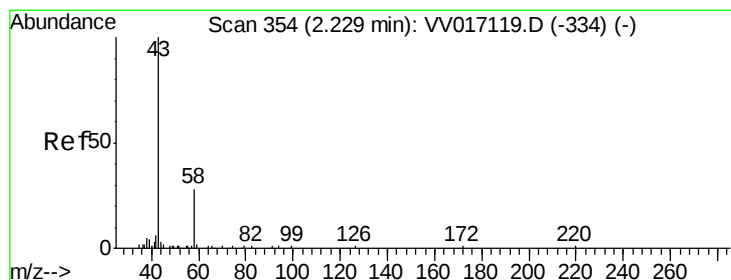
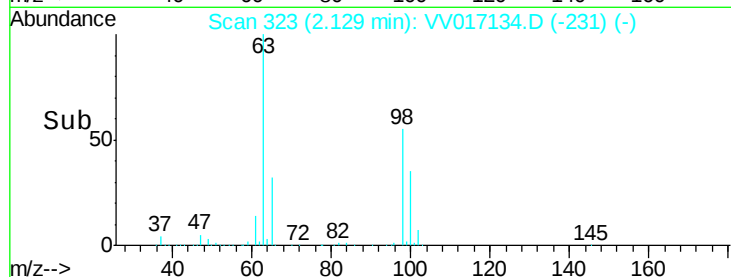
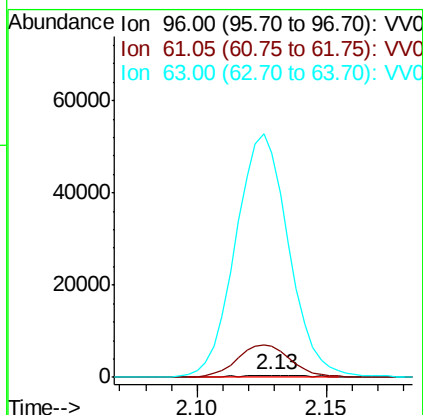
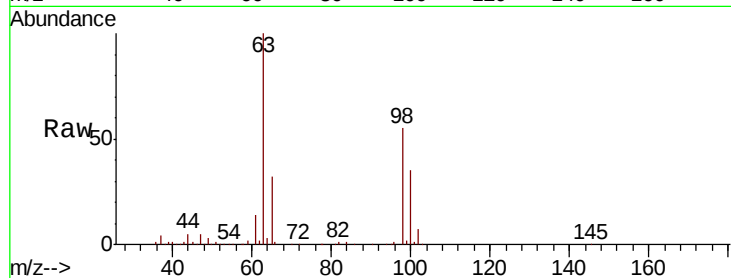
Tot Ion: 96 Resp: 752

Ion Ratio Lower Upper

96 100

61 1810.5 125.0 232.2#

63 13027.3 109.8 203.8#



#13

Acetone

Concen: 6.499 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV017134.D

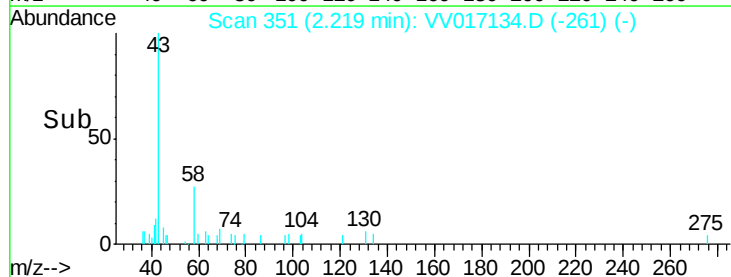
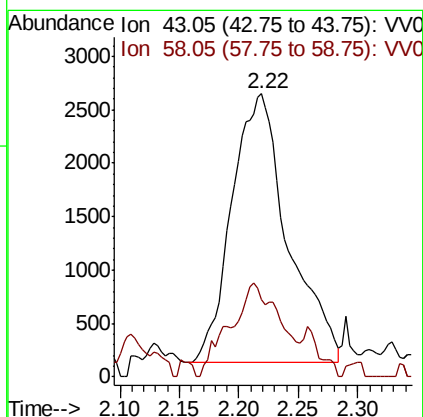
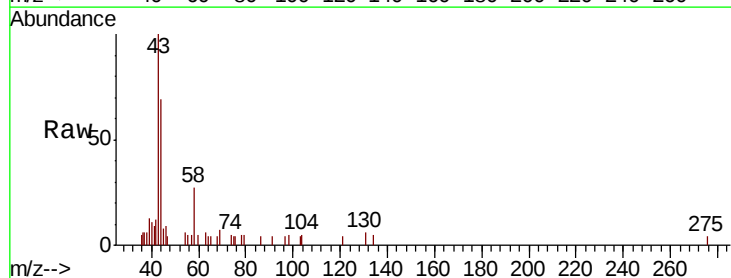
Acq: 25 Jun 2020 17:59

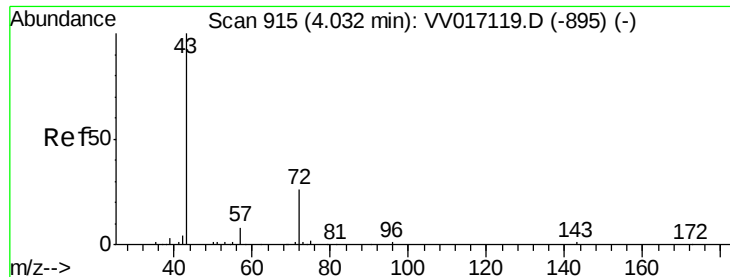
Tgt Ion: 43 Resp: 8247

Ion Ratio Lower Upper

43 100

58 31.2 0.0 58.4





#21

2-Butanone

Concen: 323.714 ug/L

RT: 4.11 min Scan# 938

Delta R.T. 0.07 min

Lab File: VV017134.D

Acq: 25 Jun 2020 17:59

Instrument :

MSVOA_V

ClientSampleId :

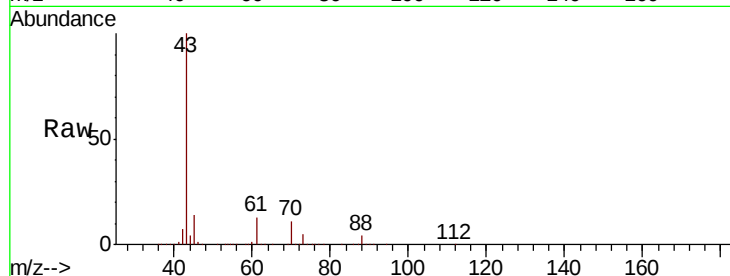
BFXM6

Tot Ion: 43 Resp: 774299

Ion Ratio Lower Upper

43 100

72 0.1 12.4 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

4.11

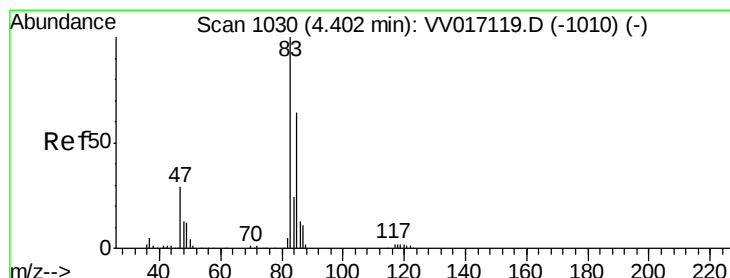
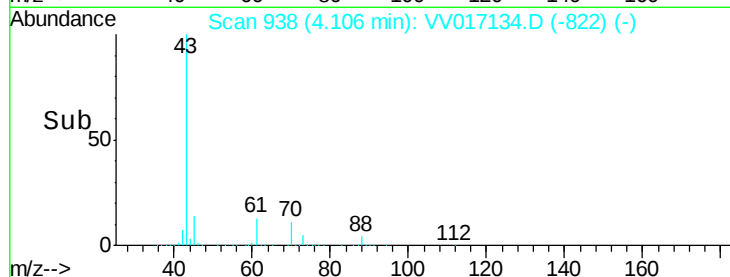
300000

200000

100000

0

Time-->



#25

Chloroform

Concen: 2.055 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV017134.D

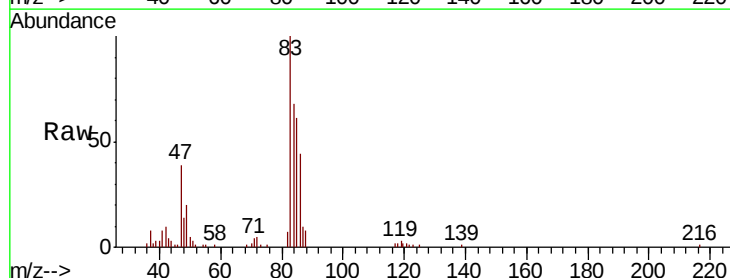
Acq: 25 Jun 2020 17:59

Tgt Ion: 83 Resp: 42087

Ion Ratio Lower Upper

83 100

85 60.8 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.41

20000

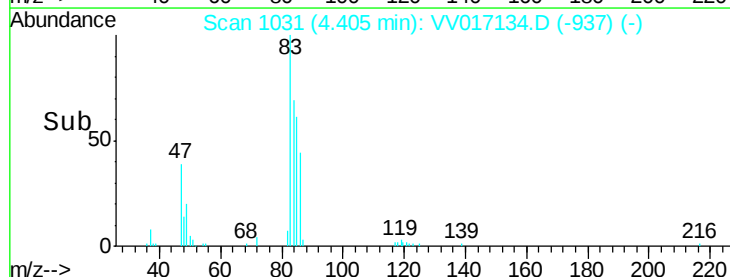
15000

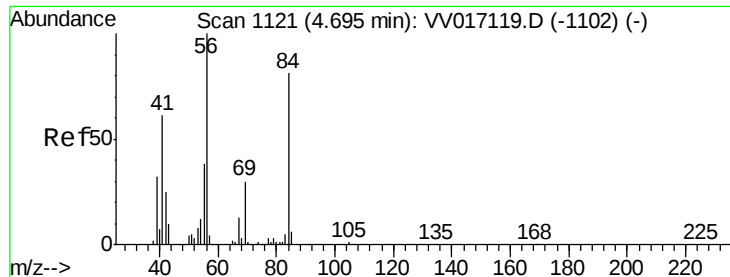
10000

5000

0

Time-->

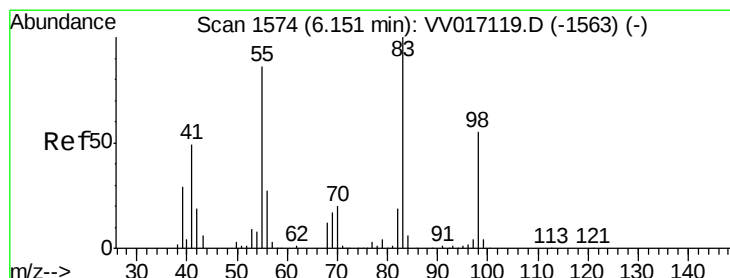
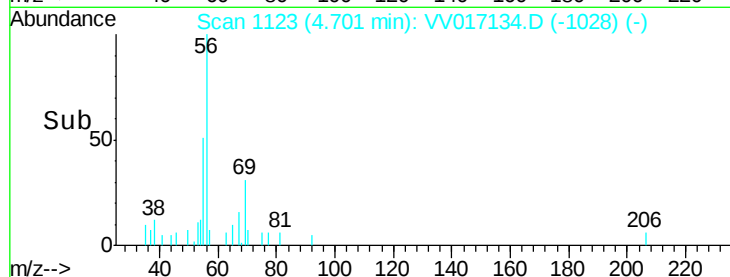
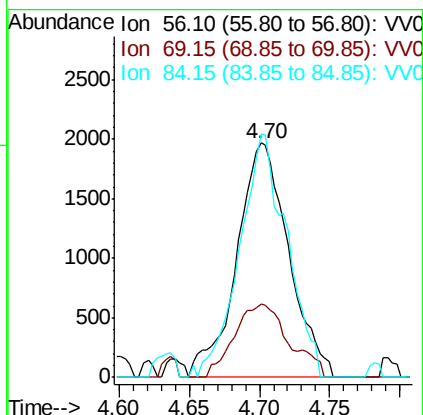
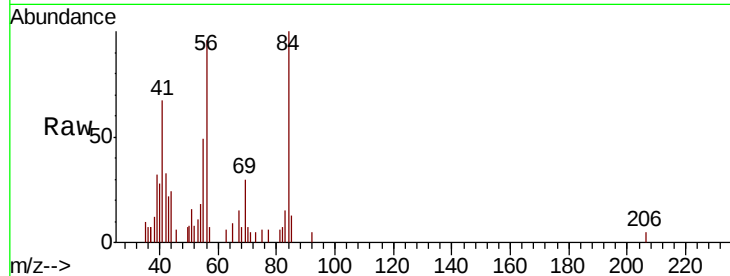




#30
Cyclohexane
Concen: 0.276 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VV017134.D
Acq: 25 Jun 2020 17:59

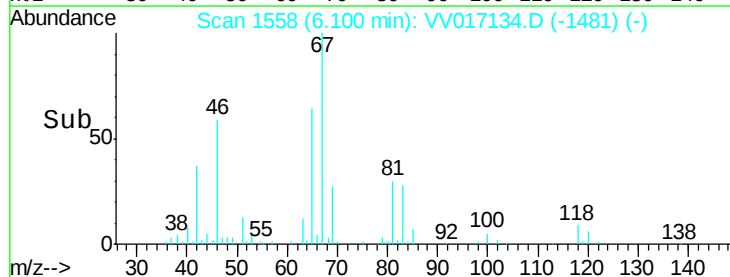
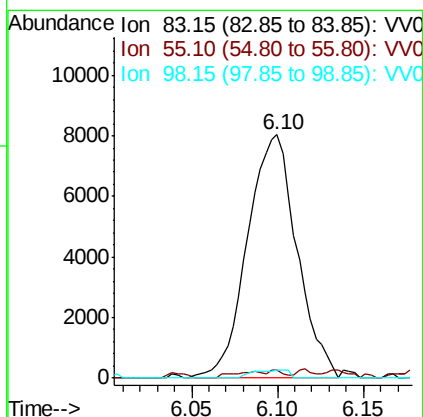
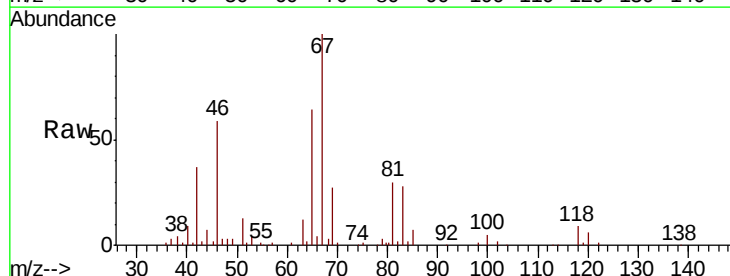
Instrument :
MSVOA_V
ClientSampled :
BFXM6

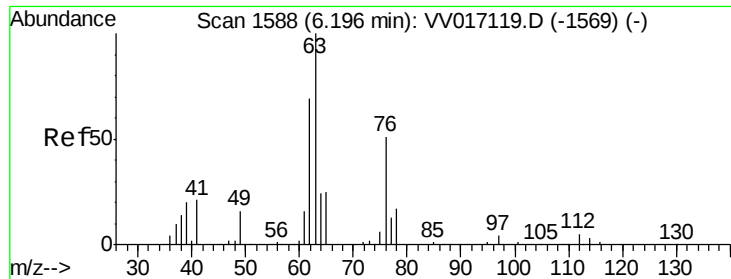
Tot Ion: 56 Resp: 5071
Ion Ratio Lower Upper
56 100
69 33.0 24.4 36.6
84 94.3 69.9 104.9



#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV017134.D
Acq: 25 Jun 2020 17:59

Tgt Ion: 83 Resp: 16064
Ion Ratio Lower Upper
83 100
55 1.0 63.6 95.4#
98 2.4 38.8 58.2#

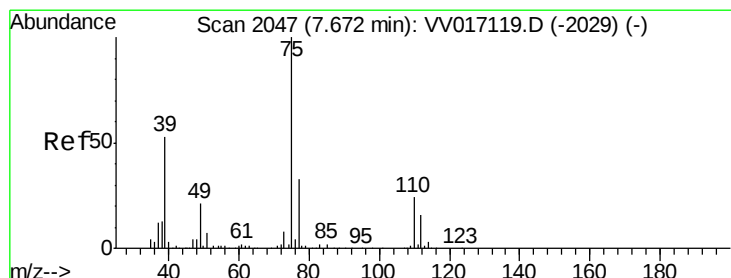
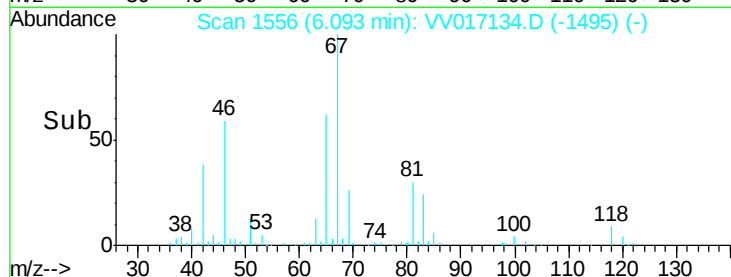
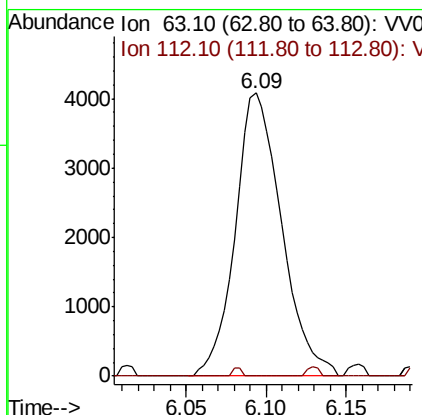
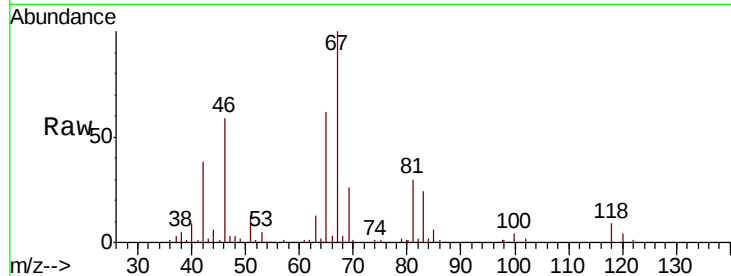




#37
 1,2-Dichloropropane
 Concen: 0.771 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017134.D
 Acq: 25 Jun 2020 17:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM6

Tot Ion: 63 Resp: 8068
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV017134.D
 Acq: 25 Jun 2020 17:59

Tgt Ion: 75 Resp: 1495
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.3 41.3#

