

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017122.D
 Acq On : 25 Jun 2020 13:11
 Operator : SY/MD
 Sample : L3105-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM3

Quant Time: Jun 26 01:34:19 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	189091	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	180585	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	86031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36436	3.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.20%
7) Chloroethane-d5	1.58	69	33044	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.13	63	58847	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	3.94	46	123382	42.66	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.32%
24) Chloroform-d	4.38	84	105629	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.06	65	56410	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.07	84	194064	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.10	67	57635	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.34	98	170038	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
45) trans-1,3-Dichloropropene-	7.64	79	21806	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
48) 2-Hexanone-d5	8.11	63	87264	39.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.42%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42569	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	70915	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

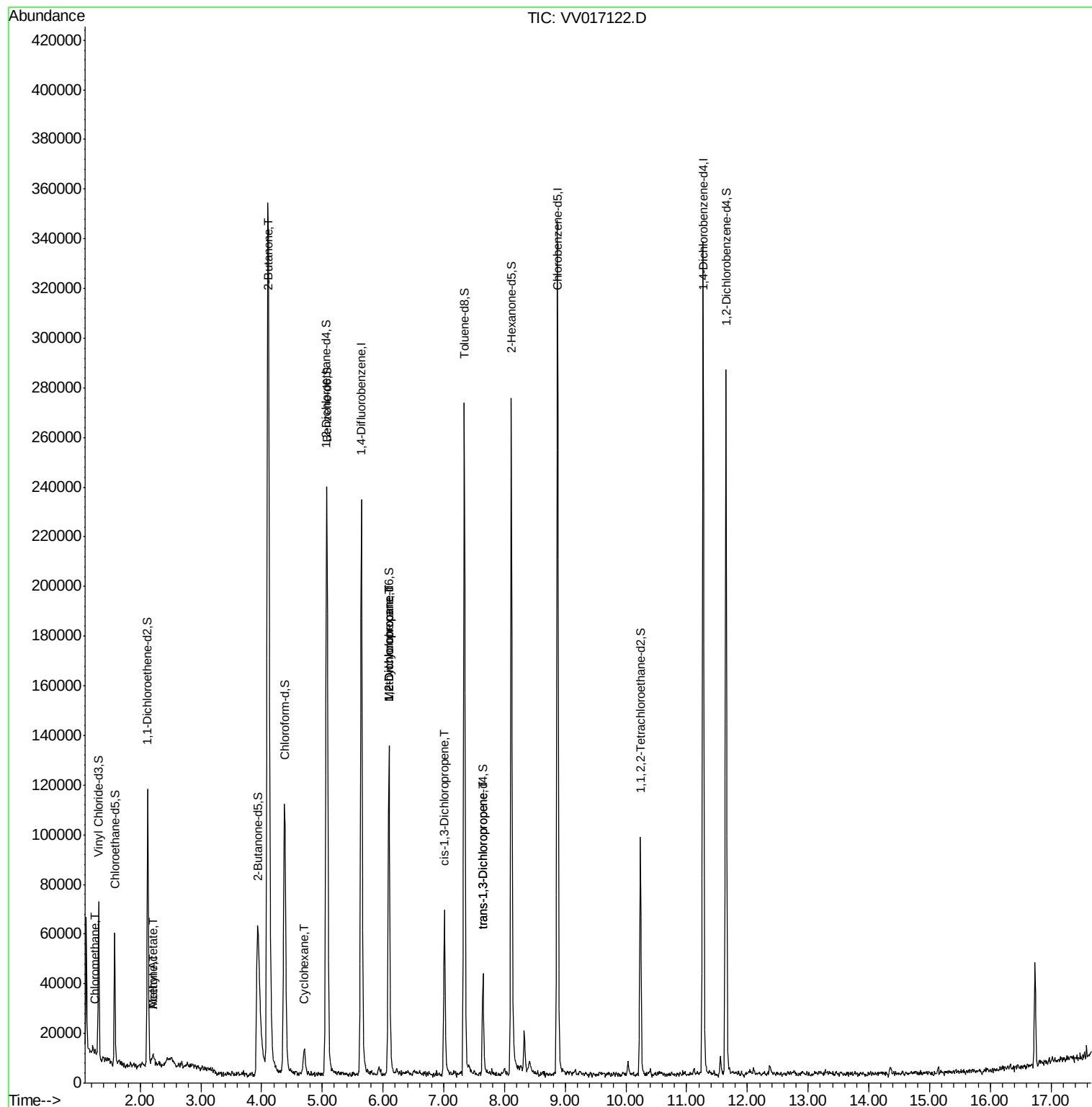
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	913	0.071	ug/L #	66
13) Acetone	2.22	43	9828	6.722	ug/L	65
15) Methyl Acetate	2.22	43	7963	2.228	ug/L #	52
21) 2-Butanone	4.11	43	584698	212.141	ug/L #	50
30) Cyclohexane	4.70	56	5083	0.247	ug/L #	25
35) Methylcyclohexane	6.09	83	15644	0.727	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	7469	0.638	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1945	0.112	ug/L	99
46) trans-1,3-Dichloropropene	7.64	75	1039	0.069	ug/L #	80

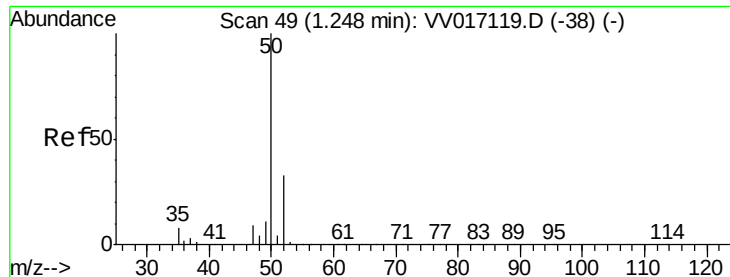
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.071 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017122.D

Acq: 25 Jun 2020 13:11

Instrument :

MSVOA_V

ClientSampleId :

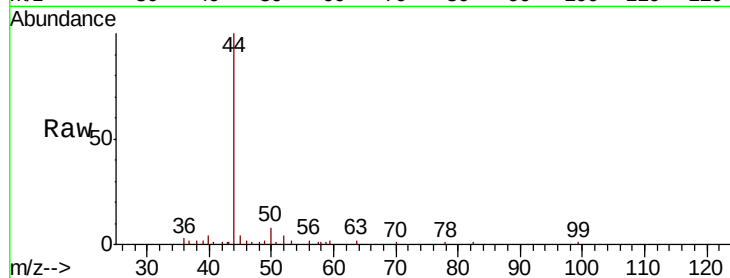
BFXM3

Tot Ion: 50 Resp: 913

Ion Ratio Lower Upper

50 100

52 51.2 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.25

600

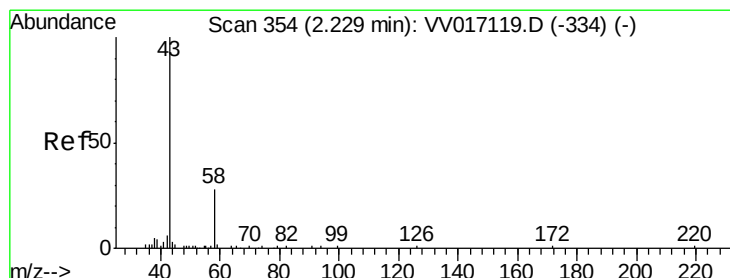
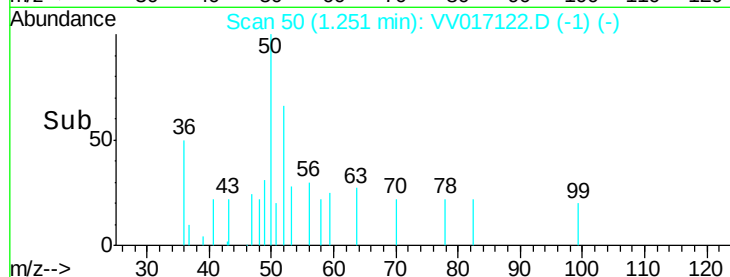
400

200

0

1.20 1.25 1.30

Time-->



#13

Acetone

Concen: 6.722 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV017122.D

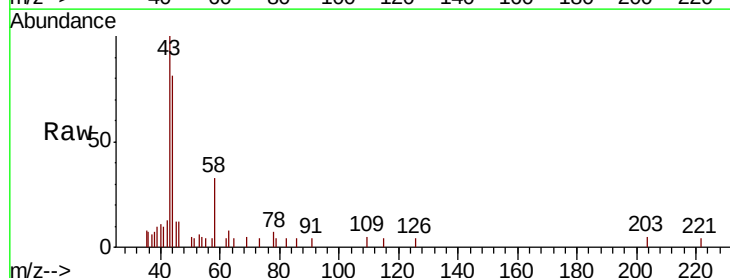
Acq: 25 Jun 2020 13:11

Tgt Ion: 43 Resp: 9828

Ion Ratio Lower Upper

43 100

58 10.7 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

3000

2500

2000

1500

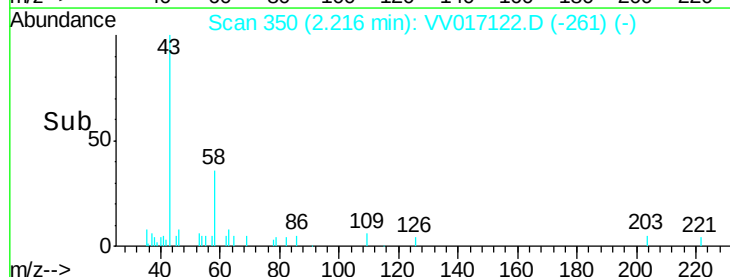
1000

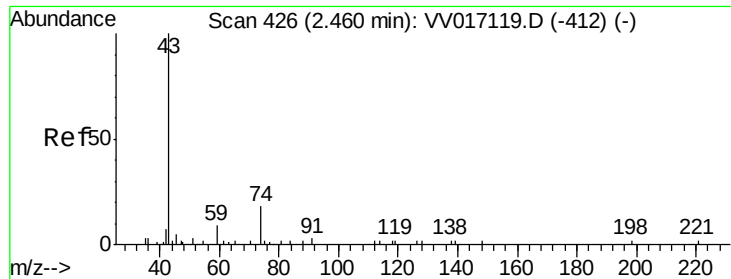
500

0

2.10 2.20 2.30

Time-->

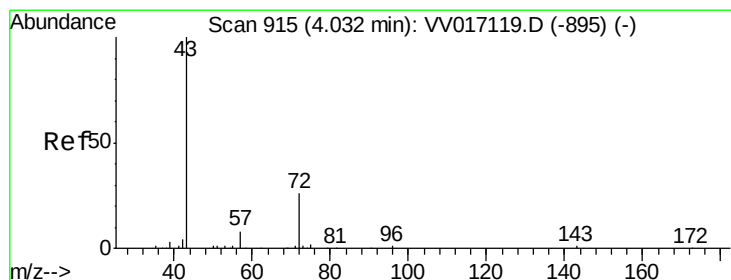
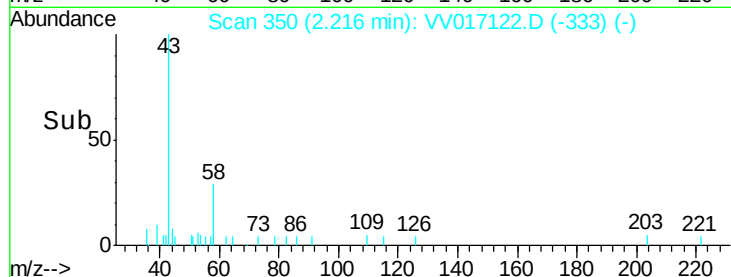
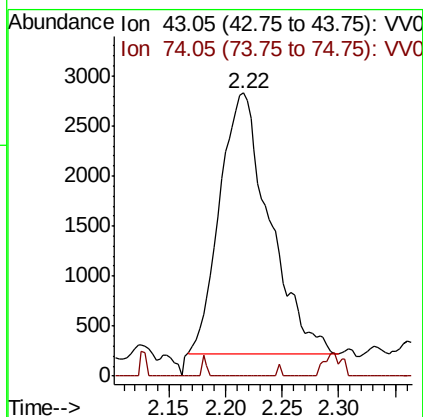
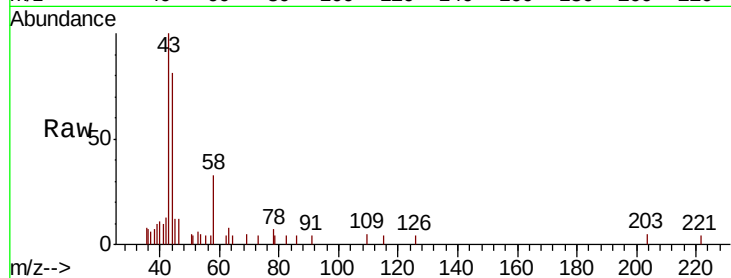




#15
Methvl Acetate
Concen: 2.228 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.24 min
Lab File: VV017122.D
Acq: 25 Jun 2020 13:11

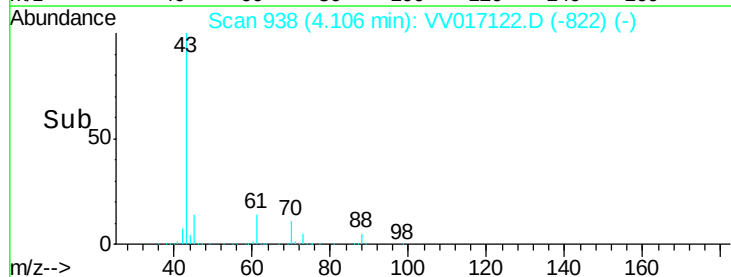
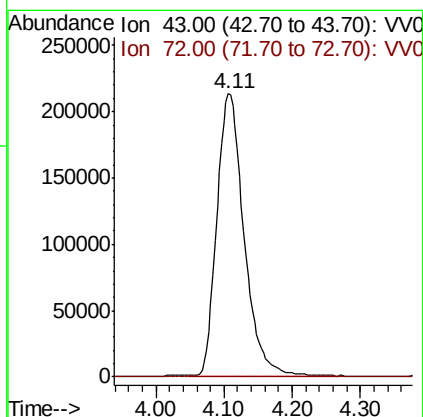
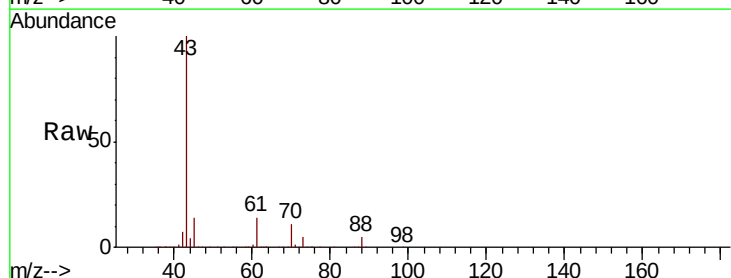
Instrument :
MSVOA_V
ClientSampleId :
BFXM3

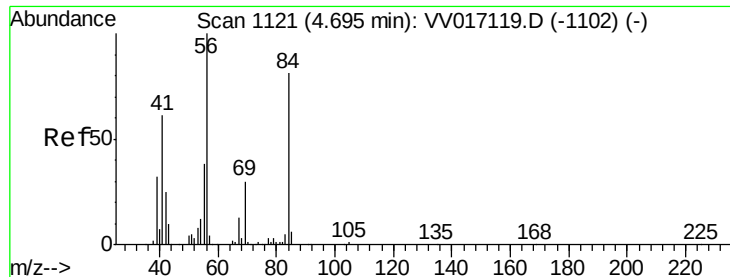
Tot Ion: 43 Resp: 7963
Ion Ratio Lower Upper
43 100
74 0.3 19.1 28.7#



#21
2-Butanone
Concen: 212.141 ug/L
RT: 4.11 min Scan# 938
Delta R.T. 0.07 min
Lab File: VV017122.D
Acq: 25 Jun 2020 13:11

Tgt Ion: 43 Resp: 584698
Ion Ratio Lower Upper
43 100
72 0.0 12.4 37.4#

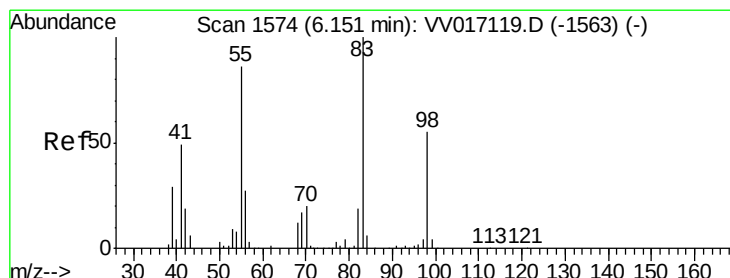
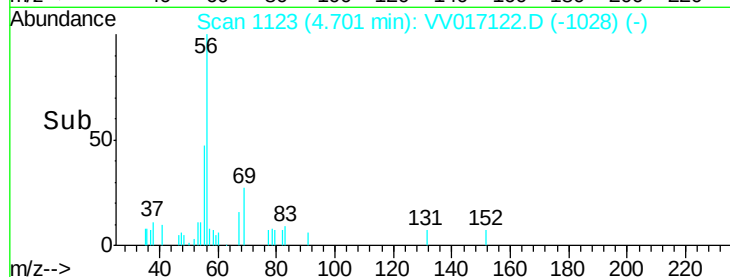
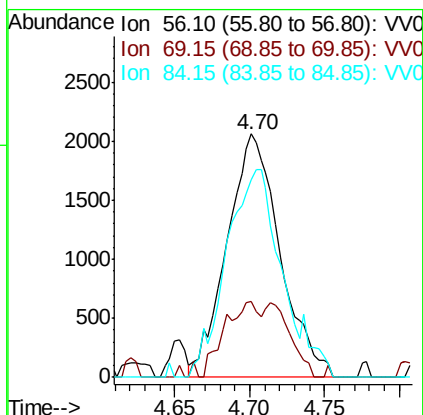
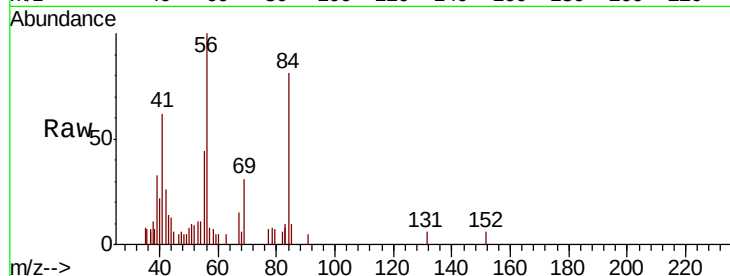




#30
Cyclohexane
Concen: 0.247 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VV017122.D
Acq: 25 Jun 2020 13:11

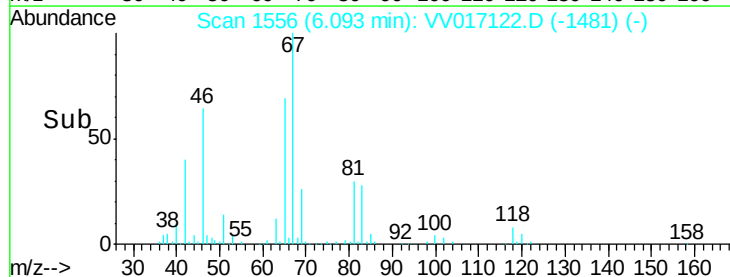
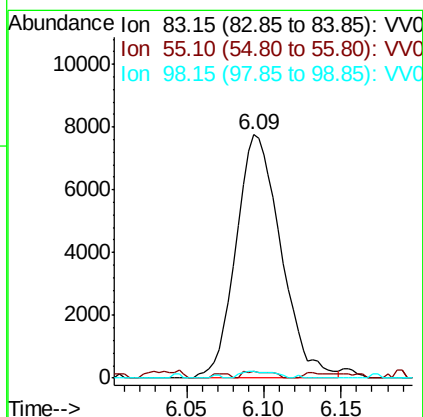
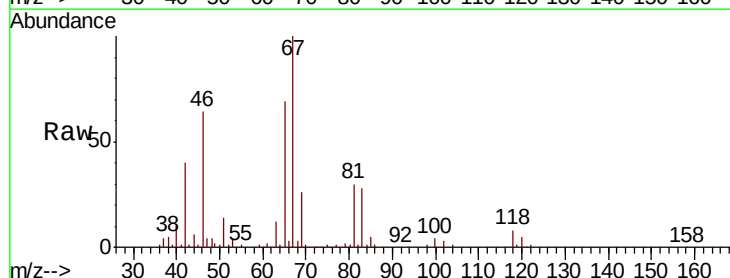
Instrument :
MSVOA_V
ClientSampled :
BFXM3

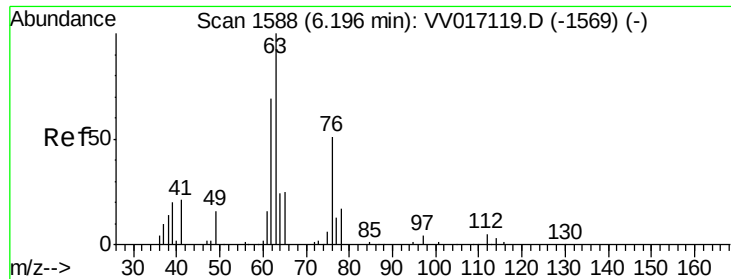
Tot Ion	56	Resp	5083
Ion Ratio	Lower	Upper	
56	100		
69	20.8	24.4	36.6#
84	0.0	69.9	104.9#



#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017122.D
Acq: 25 Jun 2020 13:11

Tgt Ion	83	Resp	15644
Ion Ratio	Lower	Upper	
83	100		
55	1.7	63.6	95.4#
98	1.3	38.8	58.2#

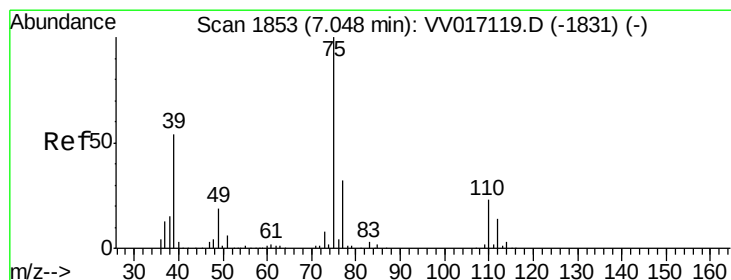
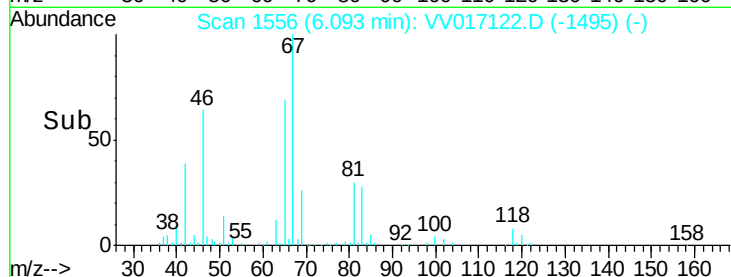
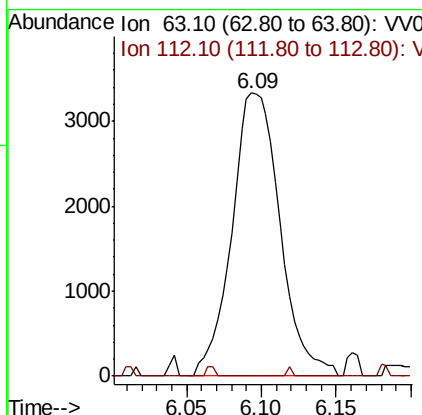
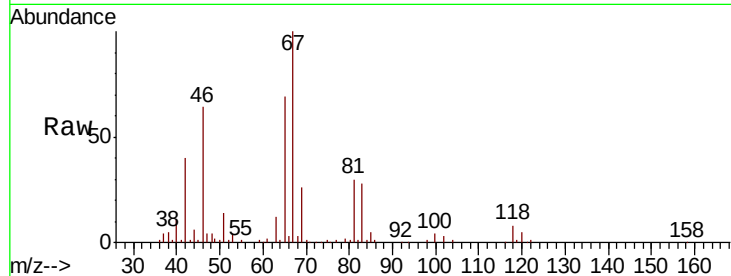




#37
 1,2-Dichloropropane
 Concen: 0.638 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017122.D
 Acq: 25 Jun 2020 13:11

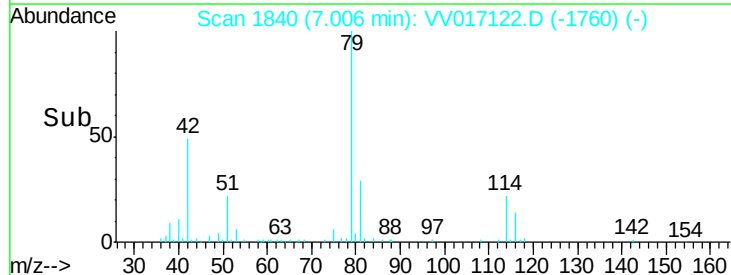
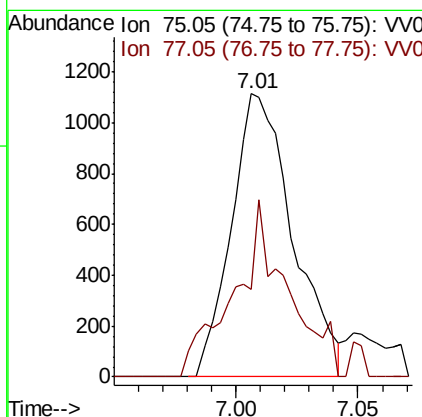
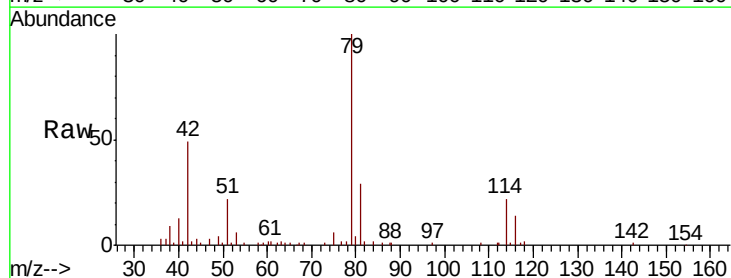
Instrument :
 MSVOA_V
 ClientSampleId :
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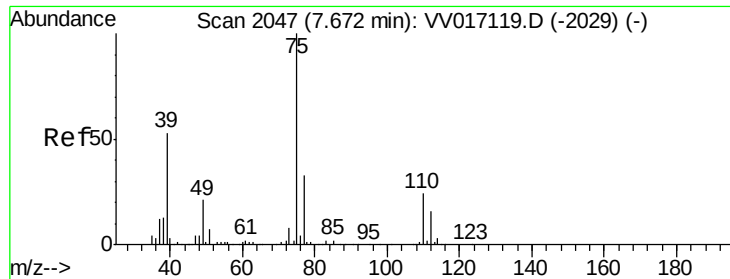
Tot Ion: 63 Resp: 7469
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017122.D
 Acq: 25 Jun 2020 13:11

Tgt Ion: 75 Resp: 1945
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.3 41.5





#46

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017122.D

Acq: 25 Jun 2020 13:11

Instrument :

MSVOA_V

ClientSampleId :

BFXM3

Tot Ion: 75 Resp: 1039

Ion Ratio Lower Upper

75 100

77 42.7 22.3 41.3#

