

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017077.D
 Acq On : 24 Jun 2020 17:29
 Operator : SY/MD
 Sample : L3105-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXK4

Quant Time: Jun 25 01:20:05 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	176851	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171142	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38515	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.58	69	32326	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.13	63	61540	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.93	46	115716	42.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.56%
24) Chloroform-d	4.38	84	100423	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	52902	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.08	84	188269	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.10	67	55199	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.34	98	170661	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
45) trans-1,3-Dichloropropene-	7.64	79	22312	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
48) 2-Hexanone-d5	8.11	63	86856	41.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41044	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	66853	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

Target Compounds

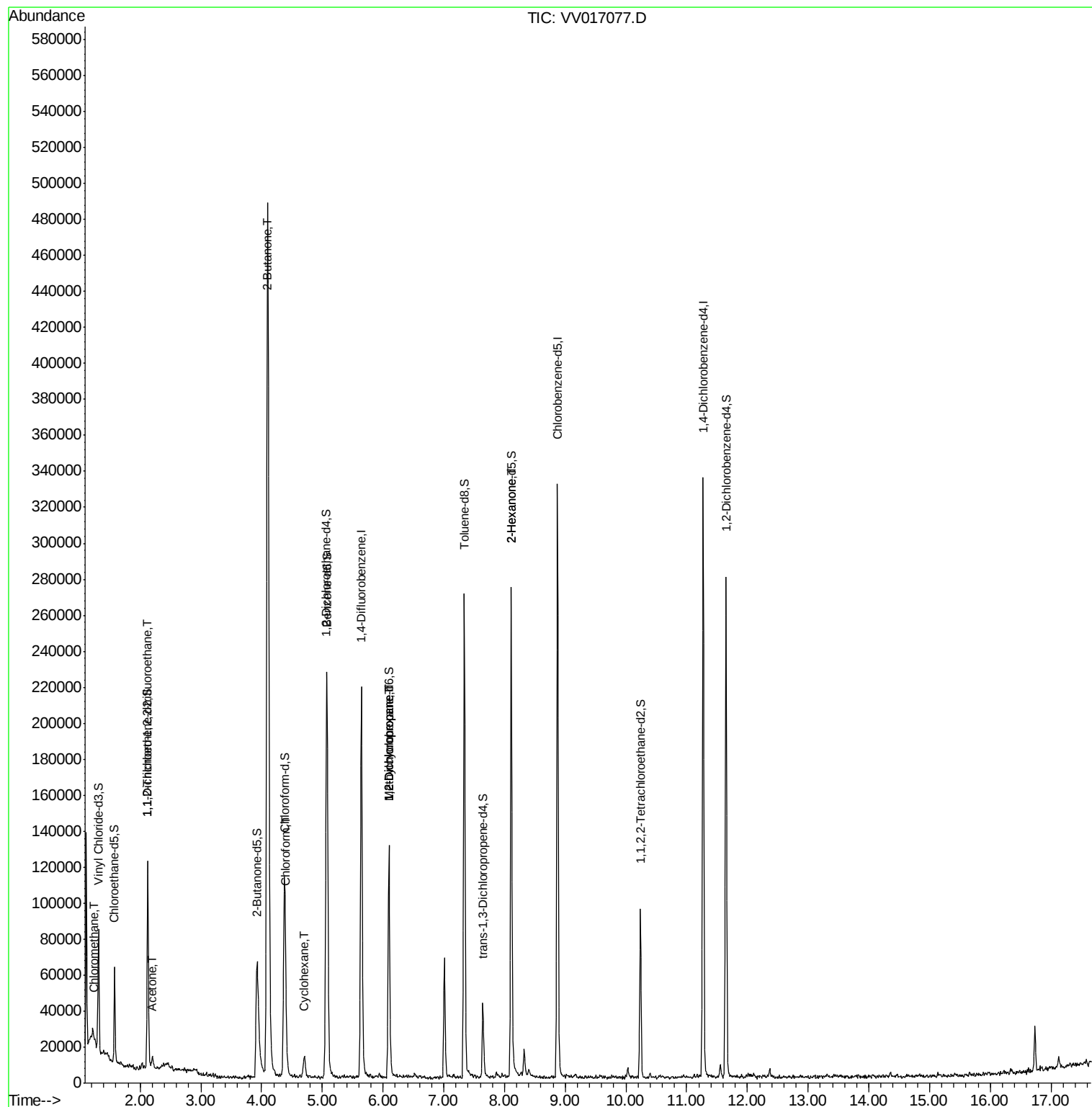
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	924	0.077	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	673	0.072	ug/L #	19
13) Acetone	2.20	43	8473	6.196	ug/L	69
21) 2-Butanone	4.10	43	762766	295.901	ug/L #	50
25) Chloroform	4.40	83	11647	0.528	ug/L	99
30) Cyclohexane	4.70	56	5940	0.304	ug/L #	95
35) Methylcyclohexane	6.10	83	14950	0.733	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7455	0.672	ug/L #	85
50) 2-Hexanone	8.11	43	10874	2.385	ug/L #	70

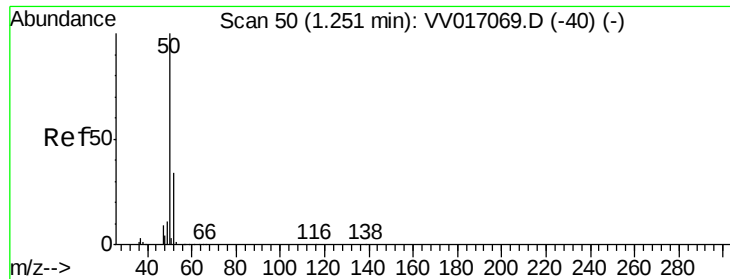
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 01:16:55 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.077 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017077.D

Acq: 24 Jun 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

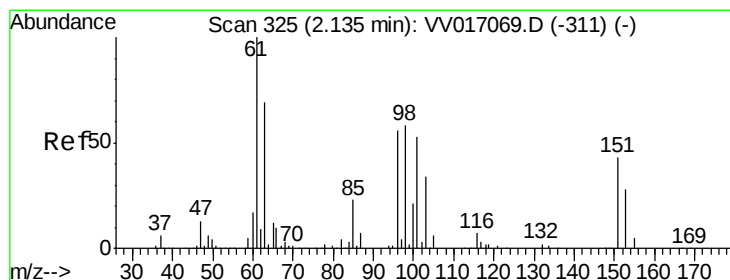
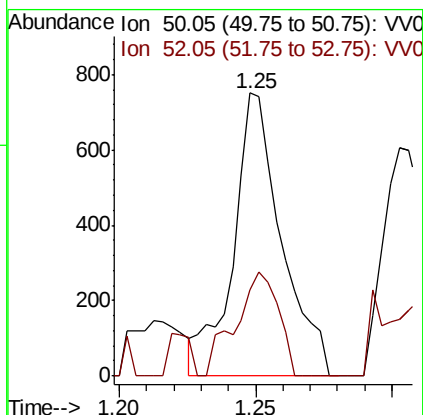
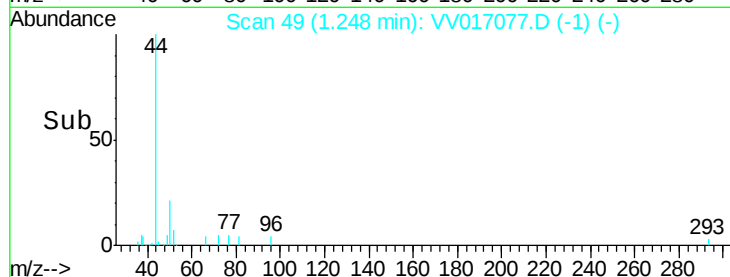
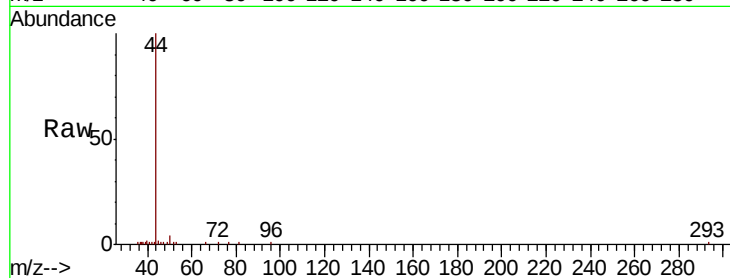
BFXK4

Tot Ion: 50 Resp: 924

Ion Ratio Lower Upper

50 100

52 30.4 22.5 41.9



#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017077.D

Acq: 24 Jun 2020 17:29

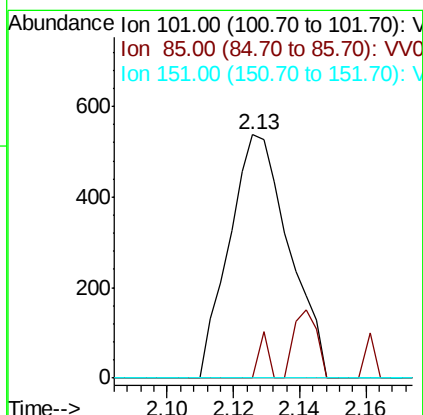
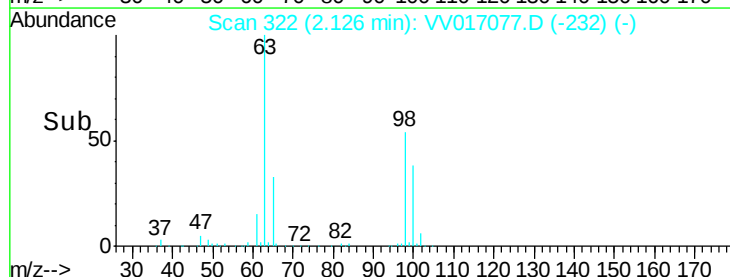
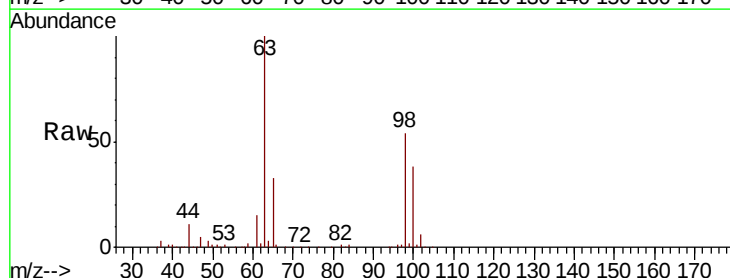
Tgt Ion: 101 Resp: 673

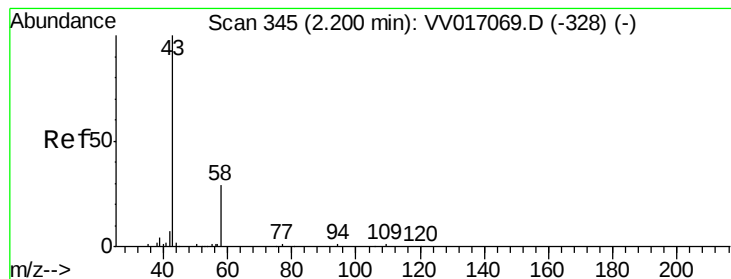
Ion Ratio Lower Upper

101 100

85 3.0 35.4 53.2#

151 0.0 63.9 95.9#





#13

Acetone

Concen: 6.196 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV017077.D

Acq: 24 Jun 2020 17:29

Instrument :

MSVOA_V

ClientSampleId :

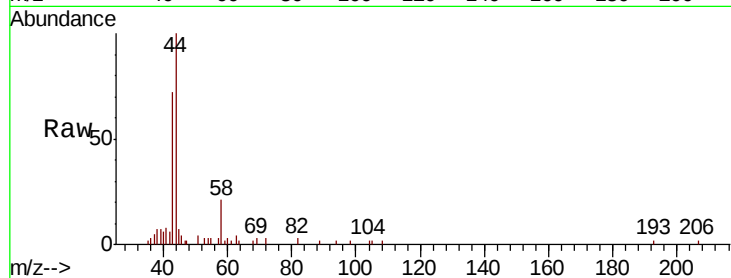
BFXK4

Tot Ion: 43 Resp: 8473

Ion Ratio Lower Upper

43 100

58 12.6 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017069.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VV017069.D (-328) (-)

4000

3000

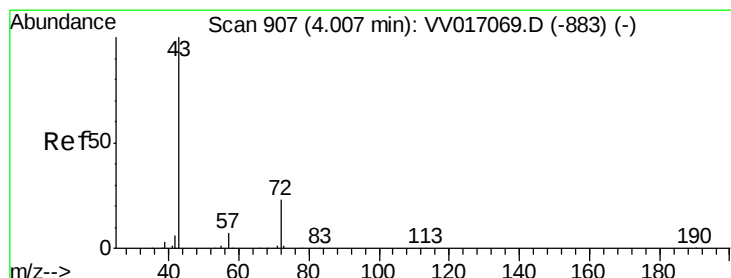
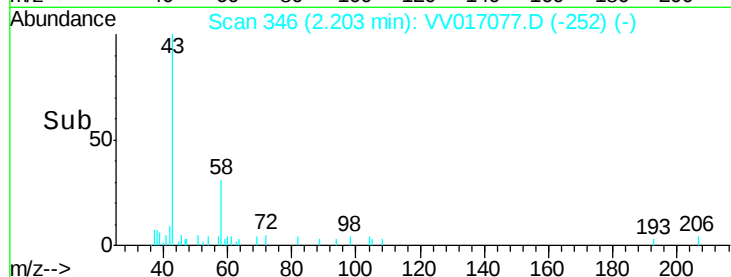
2000

1000

0

2.10 2.15 2.20 2.25

Time-->



#21

2-Butanone

Concen: 295.901 ug/L

RT: 4.10 min Scan# 936

Delta R.T. 0.09 min

Lab File: VV017077.D

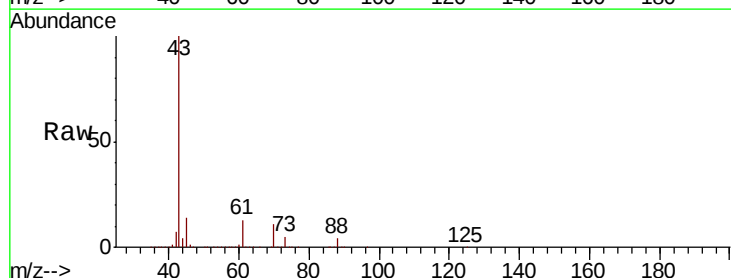
Acq: 24 Jun 2020 17:29

Tgt Ion: 43 Resp: 762766

Ion Ratio Lower Upper

43 100

72 0.0 12.4 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VV017069.D (-883) (-)

Ion 72.00 (71.70 to 72.70): VV017069.D (-883) (-)

300000

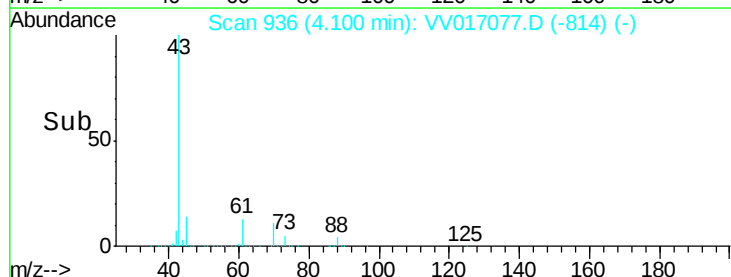
200000

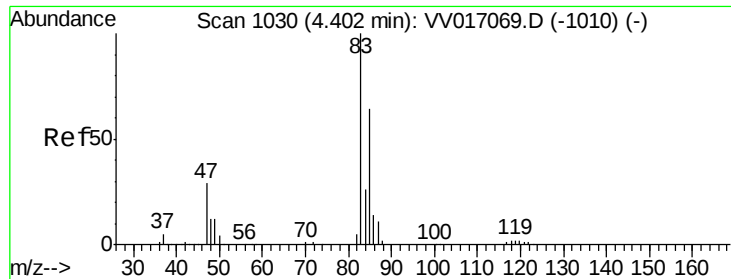
100000

0

4.00 4.10 4.20 4.30

Time-->





#25

Chloroform

Concen: 0.528 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017077.D

Acq: 24 Jun 2020 17:29

Instrument :

MSVOA_V

ClientSampled :

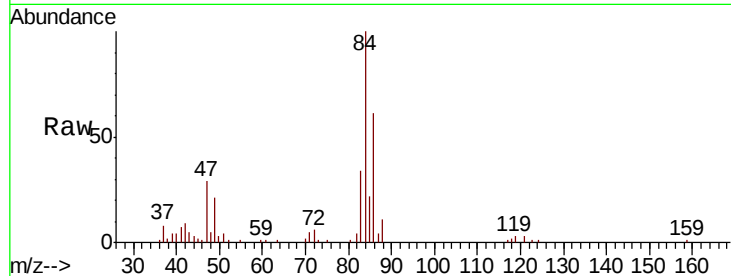
BFXK4

Tot Ion: 83 Resp: 11647

Ion Ratio Lower Upper

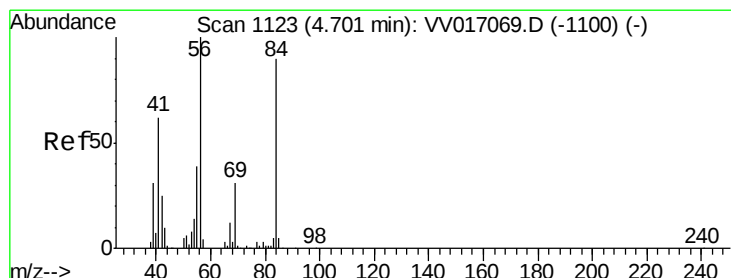
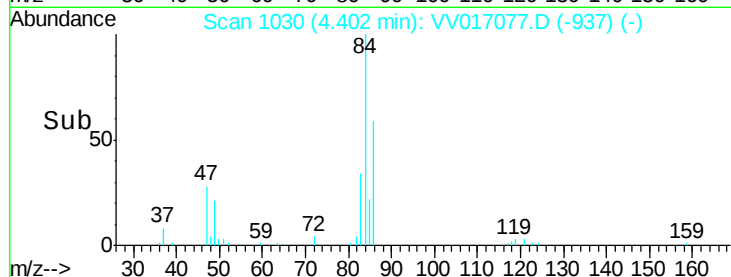
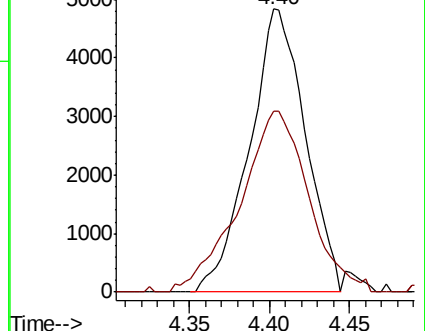
83 100

85 64.1 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV017069.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV017069.D (-1010) (-)



#30

Cyclohexane

Concen: 0.304 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV017077.D

Acq: 24 Jun 2020 17:29

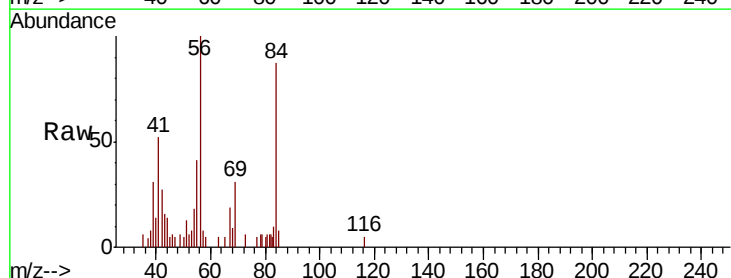
Tgt Ion: 56 Resp: 5940

Ion Ratio Lower Upper

56 100

69 20.4 24.4 36.6#

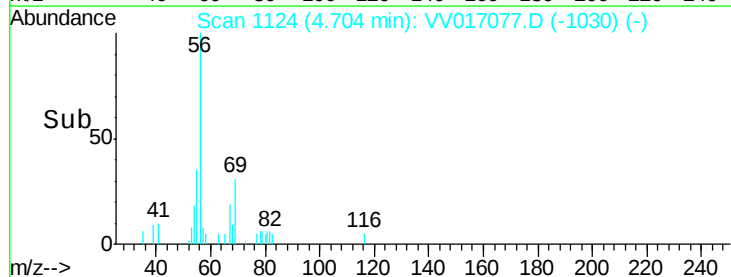
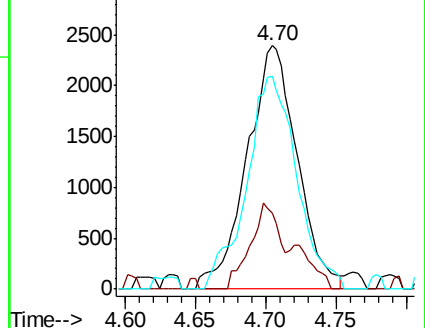
84 87.6 69.9 104.9

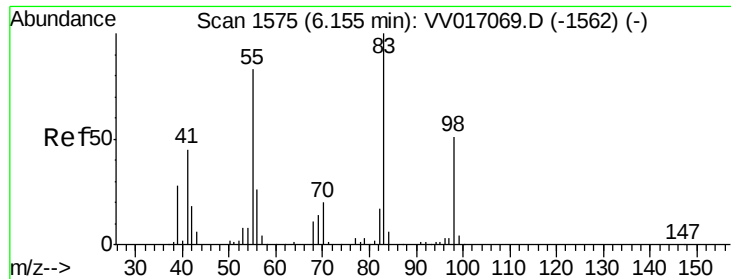


Abundance Ion 56.10 (55.80 to 56.80): VV017069.D (-1100) (-)

Ion 69.15 (68.85 to 69.85): VV017069.D (-1100) (-)

Ion 84.15 (83.85 to 84.85): VV017069.D (-1100) (-)

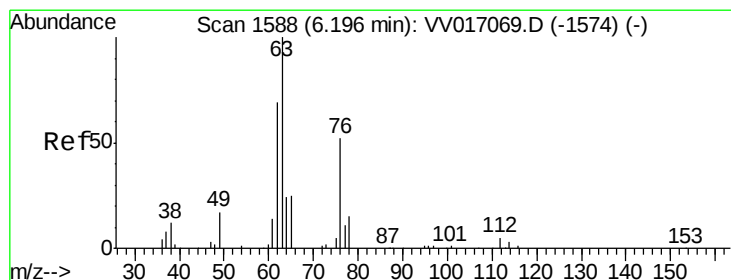
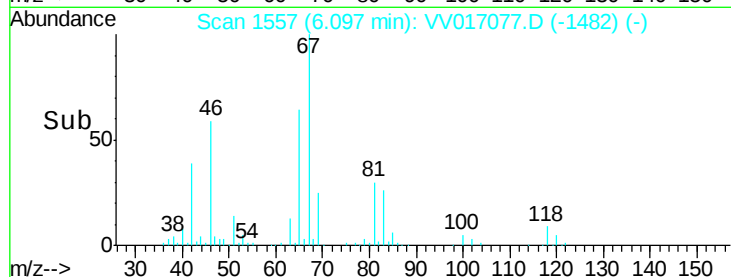
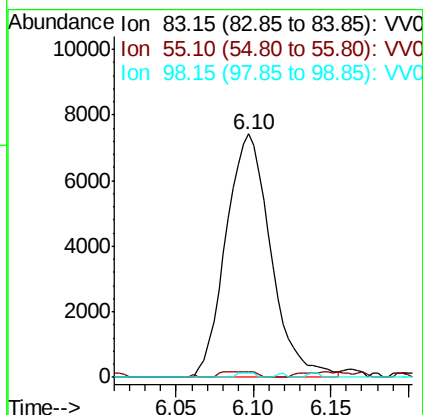
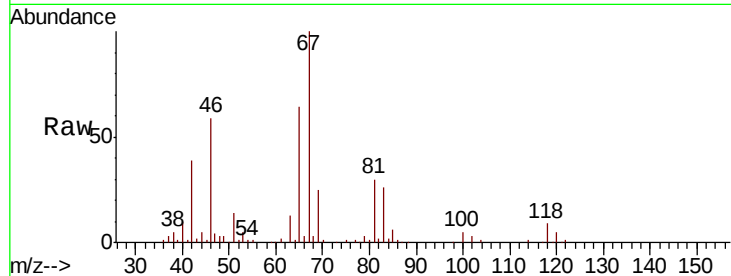




#35
Methvlcvclohexane
Concen: 0.733 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017077.D
Acq: 24 Jun 2020 17:29

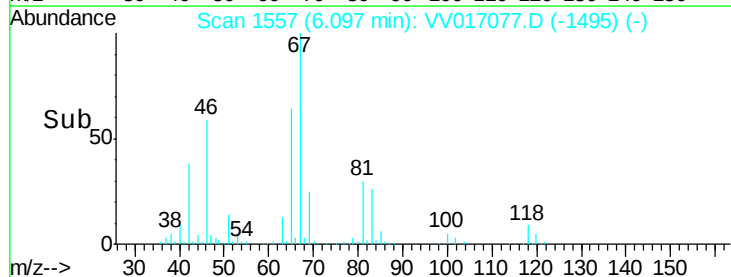
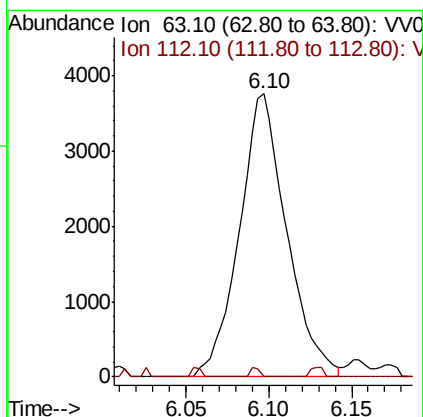
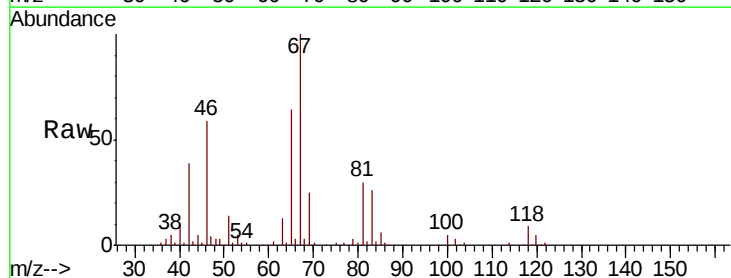
Instrument :
MSVOA_V
ClientSampleId :
BFXK4

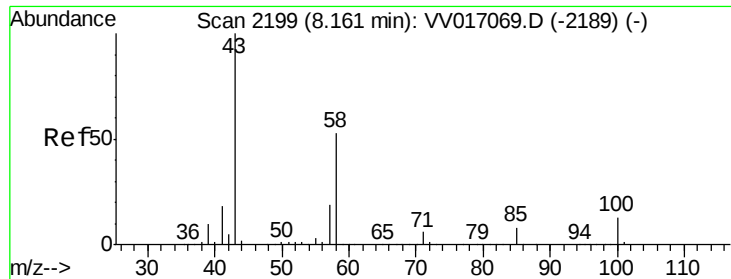
Tot Ion	83	Resp	14950
Ion Ratio	100		
Lower	63.6		
Upper	95.4#		
55	0.8		
98	0.7		
	38.8		
	58.2#		



#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017077.D
Acq: 24 Jun 2020 17:29

Tgt Ion	63	Resp	7455
Ion Ratio	100		
Lower	4.4		
Upper	6.6#		
112	0.6		





#50

2-Hexanone

Concen: 2.385 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017077.D

Acq: 24 Jun 2020 17:29

Instrument :
MSVOA_V
ClientSampleId :
BFXK4

Tot Ion: 43 Resp: 10874

Ion Ratio Lower Upper

43 100

58 28.9 41.6 62.4#

57 32.3 15.4 23.0#

100 5.1 10.1 15.1#

