

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017078.D
 Acq On : 24 Jun 2020 17:53
 Operator : SY/MD
 Sample : L3105-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXK5

Quant Time: Jun 25 01:20:17 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	180958	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171610	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81155	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39482	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.58	69	31772	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.13	63	59824	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.92	46	116511	42.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.18%
24) Chloroform-d	4.38	84	100224	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.06	65	54572	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.08	84	190428	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.10	67	56759	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.34	98	169218	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
45) trans-1,3-Dichloropropene-	7.64	79	21800	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
48) 2-Hexanone-d5	8.11	63	86251	40.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41408	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	71147	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

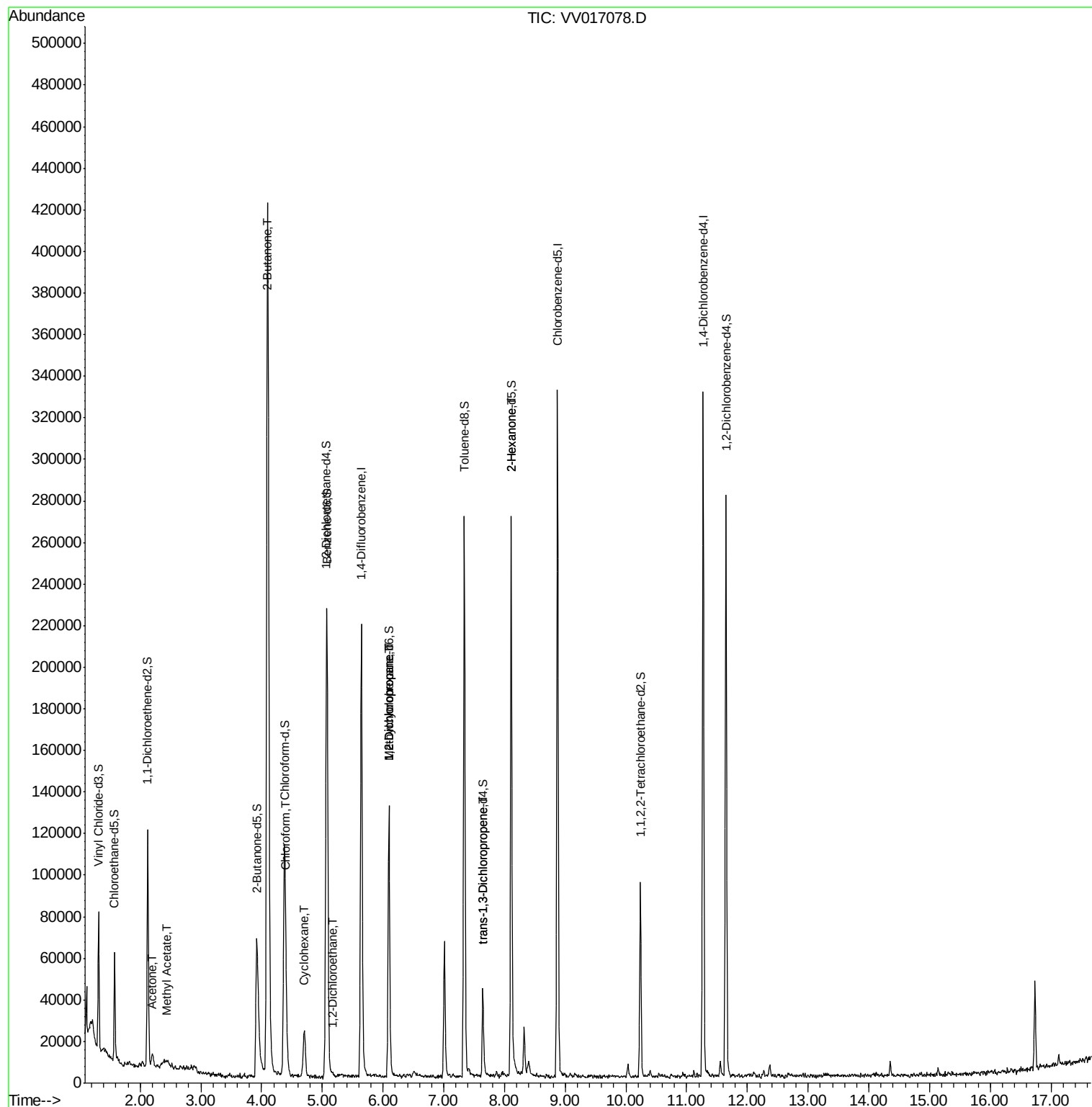
					Ovalue
13) Acetone	2.20	43	9457	6.759	ug/L 95
15) Methyl Acetate	2.44	43	906	0.265	ug/L # 83
21) 2-Butanone	4.10	43	659508	250.038	ug/L # 50
25) Chloroform	4.41	83	23452	1.038	ug/L 97
27) 1,2-Dichloroethane	5.17	62	567	0.040	ug/L # 76
30) Cyclohexane	4.70	56	11330	0.579	ug/L 92
35) Methylcyclohexane	6.10	83	14582	0.713	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	7584	0.682	ug/L # 87
46) trans-1,3-Dichloropropene	7.64	75	1343	0.094	ug/L # 42
50) 2-Hexanone	8.11	43	10840	2.371	ug/L # 66

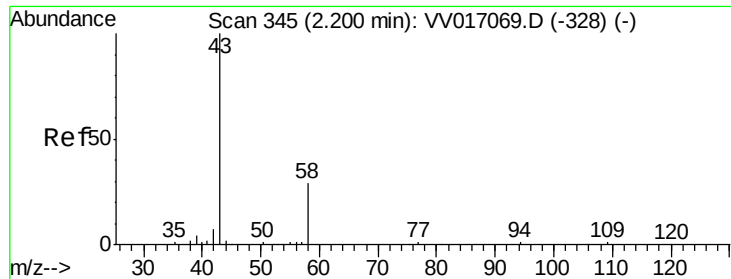
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 25 01:16:55 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.759 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV017078.D

Acq: 24 Jun 2020 17:53

Instrument :

MSVOA_V

ClientSampleId :

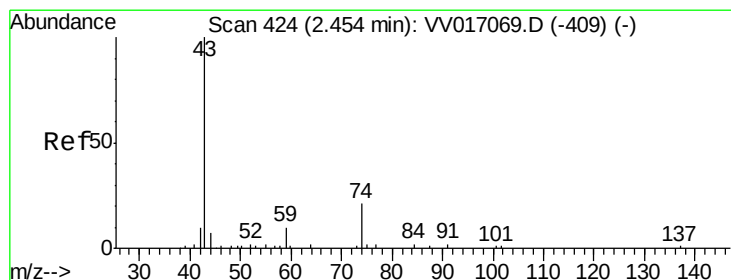
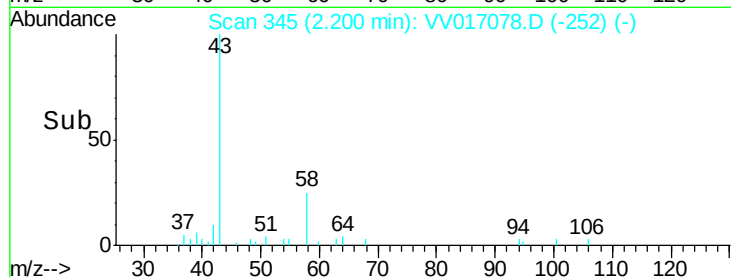
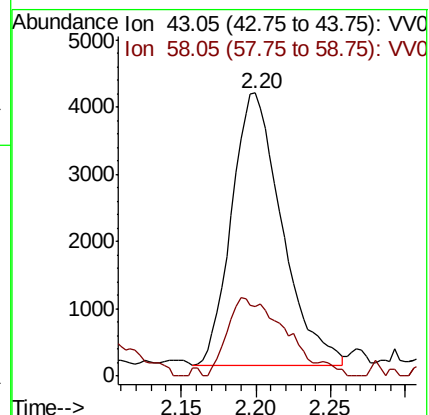
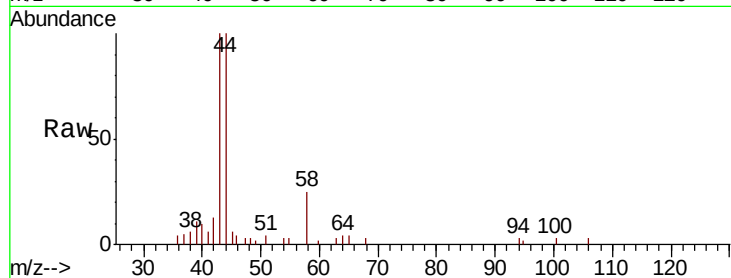
BFXK5

Tot Ion: 43 Resp: 9457

Ion Ratio Lower Upper

43 100

58 32.1 0.0 58.4



#15

Methyl Acetate

Concen: 0.265 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.01 min

Lab File: VV017078.D

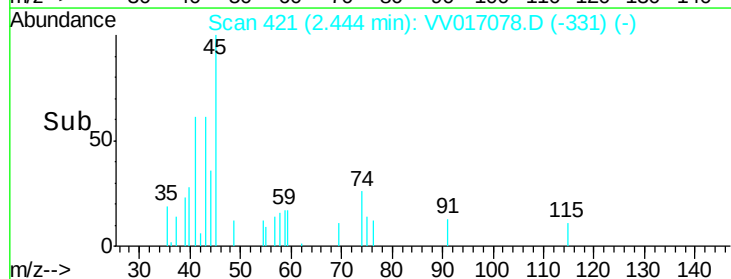
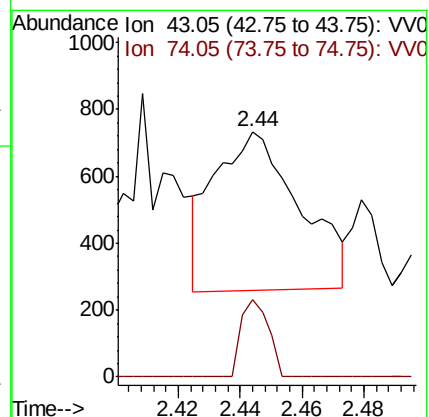
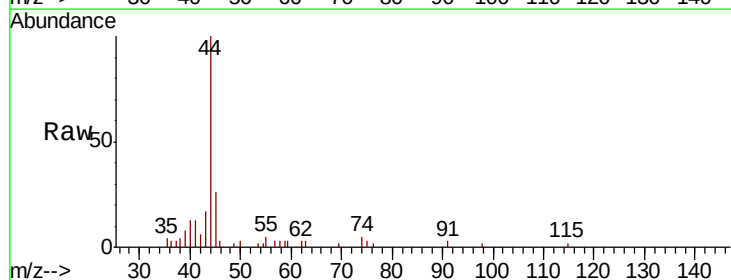
Acq: 24 Jun 2020 17:53

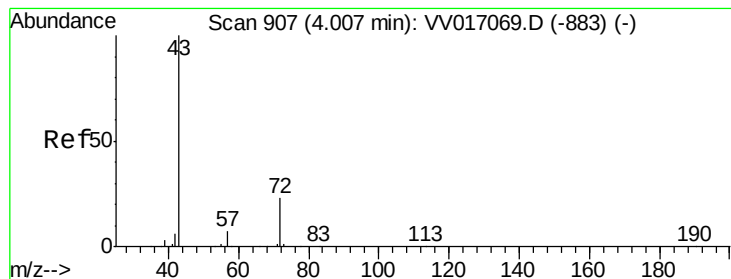
Tgt Ion: 43 Resp: 906

Ion Ratio Lower Upper

43 100

74 15.6 19.1 28.7#





#21

2-Butanone

Concen: 250.038 ug/L

RT: 4.10 min Scan# 936

Delta R.T. 0.09 min

Lab File: VV017078.D

Acq: 24 Jun 2020 17:53

Instrument :

MSVOA_V

ClientSampleId :

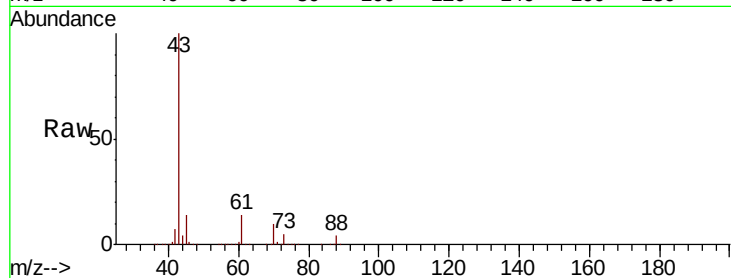
BFXK5

Tot Ion: 43 Resp: 659508

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) (-)

4.10

250000

200000

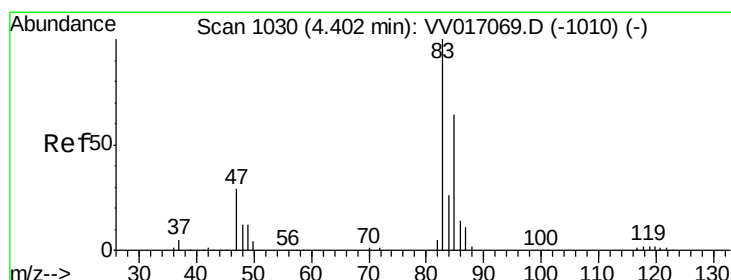
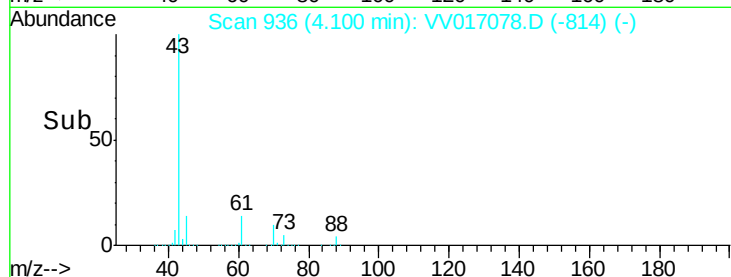
150000

100000

50000

0

Time-->



#25

Chloroform

Concen: 1.038 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV017078.D

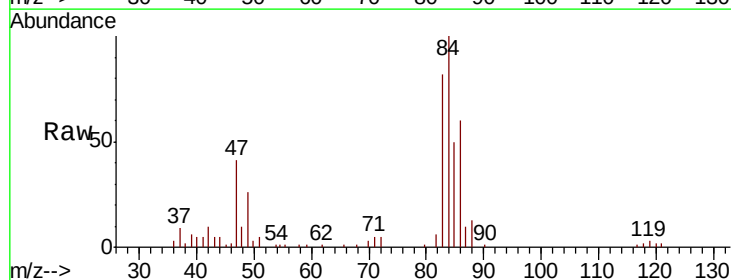
Acq: 24 Jun 2020 17:53

Tgt Ion: 83 Resp: 23452

Ion Ratio Lower Upper

83 100

85 61.2 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) (-)

4.41

10000

8000

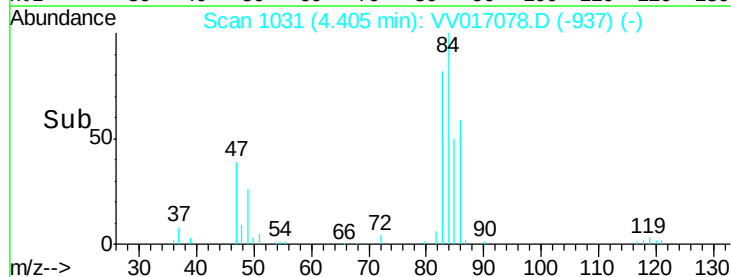
6000

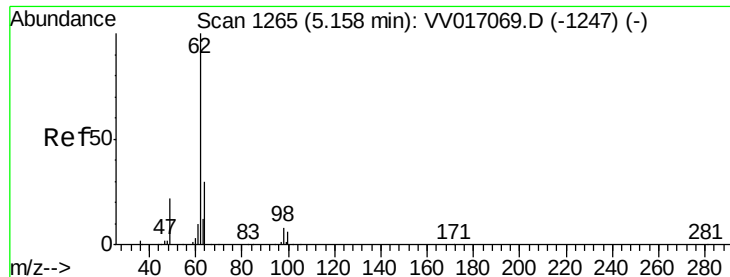
4000

2000

0

Time-->

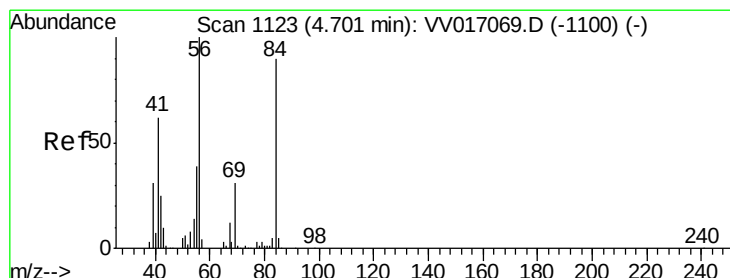
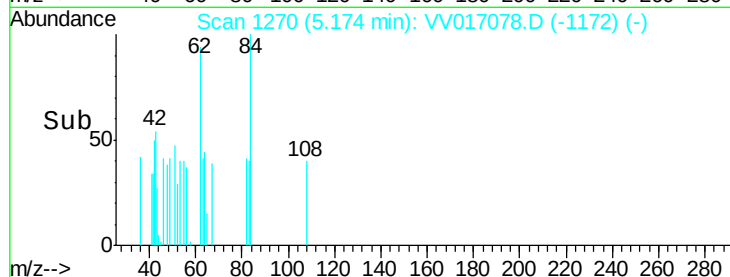
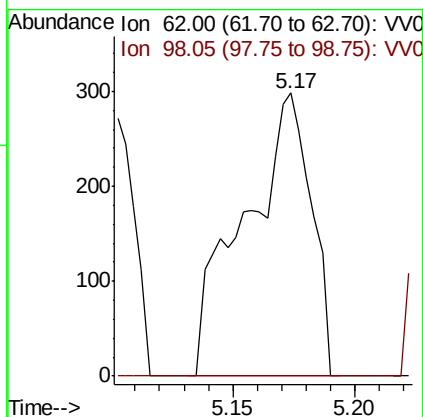
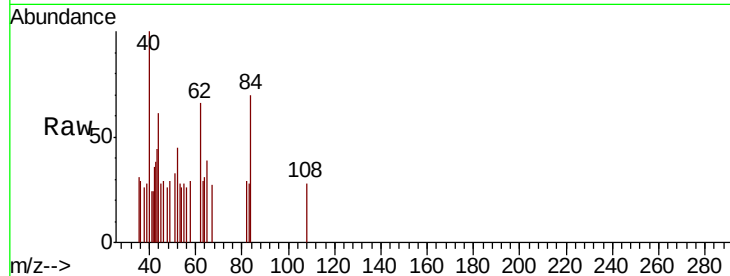




#27
 1,2-Dichloroethane
 Concen: 0.040 ug/L
 RT: 5.17 min Scan# 1270
 Delta R.T. 0.02 min
 Lab File: VV017078.D
 Acq: 24 Jun 2020 17:53

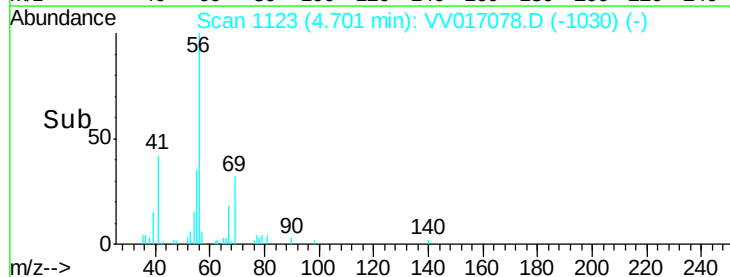
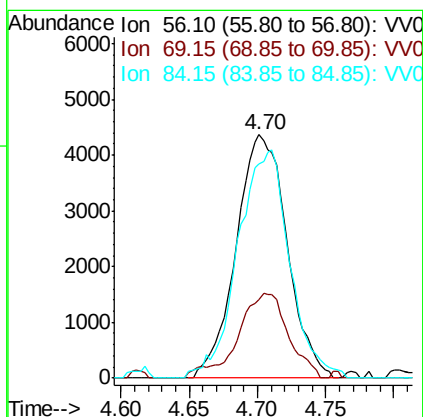
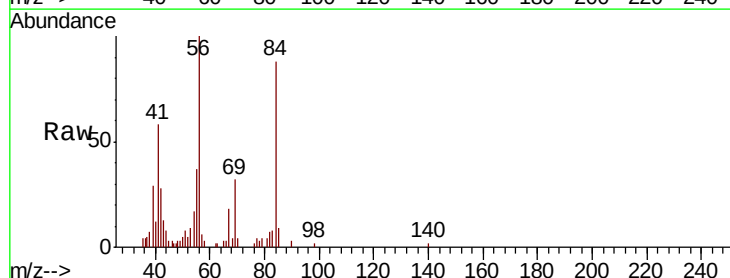
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXK5

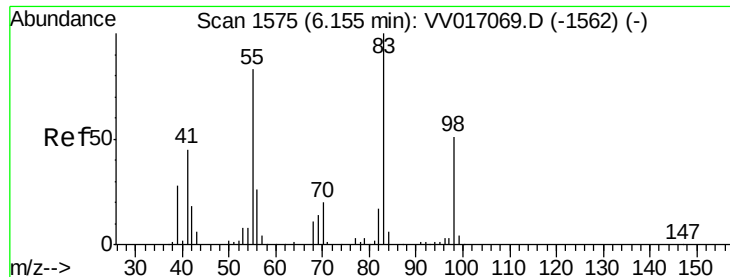
Tot Ion: 62 Resp: 567
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#30
 Cyclohexane
 Concen: 0.579 ug/L
 RT: 4.70 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VV017078.D
 Acq: 24 Jun 2020 17:53

Tgt Ion: 56 Resp: 11330
 Ion Ratio Lower Upper
 56 100
 69 34.5 24.4 36.6
 84 95.1 69.9 104.9

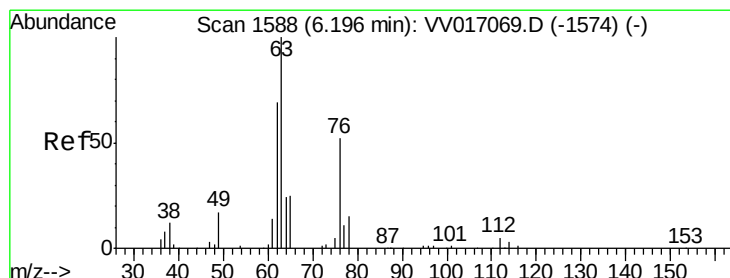
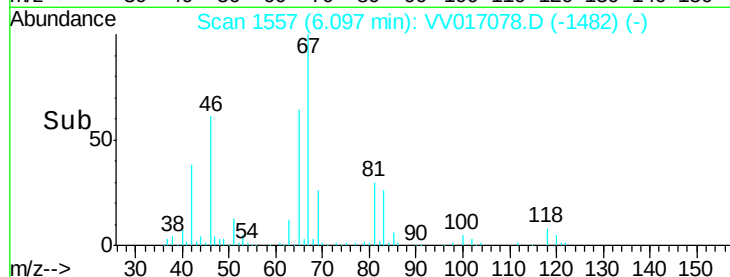
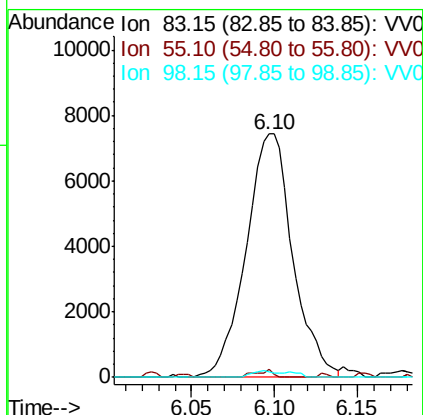
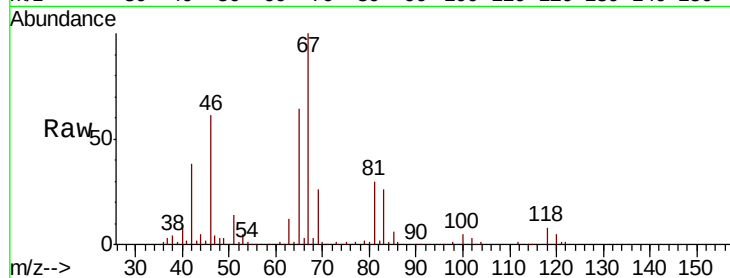




#35
Methvlcvclohexane
Concen: 0.713 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017078.D
Acq: 24 Jun 2020 17:53

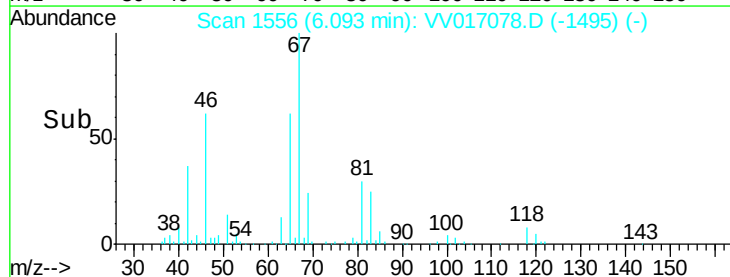
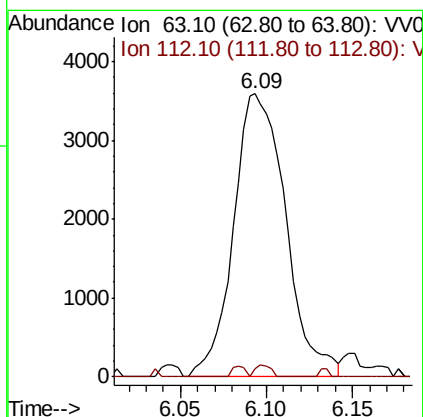
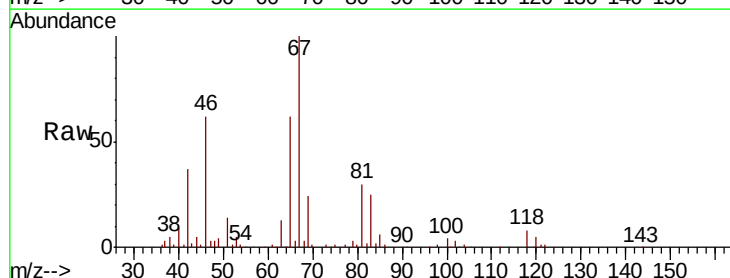
Instrument :
MSVOA_V
ClientSampleId :
BFXK5

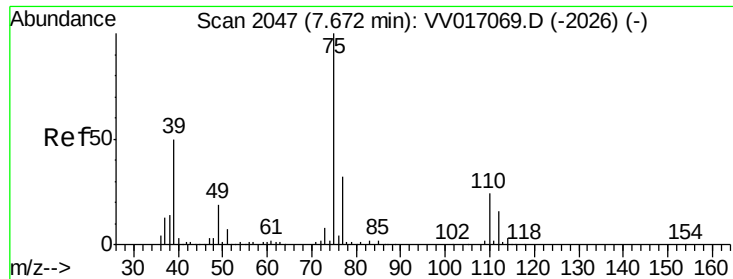
Tot Ion: 83 Resp: 14582
Ion Ratio Lower Upper
83 100
55 1.2 63.6 95.4#
98 1.4 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017078.D
Acq: 24 Jun 2020 17:53

Tgt Ion: 63 Resp: 7584
Ion Ratio Lower Upper
63 100
112 1.3 4.4 6.6#





#46

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017078.D

Acq: 24 Jun 2020 17:53

Instrument :

MSVOA_V

ClientSampleId :

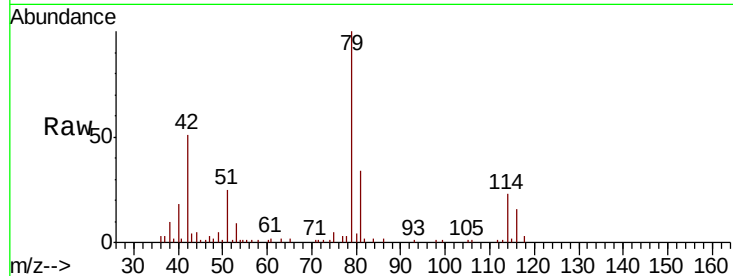
BFXK5

Tot Ion: 75 Resp: 1343

Ion Ratio Lower Upper

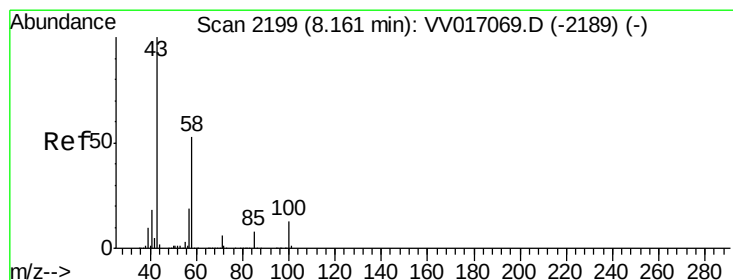
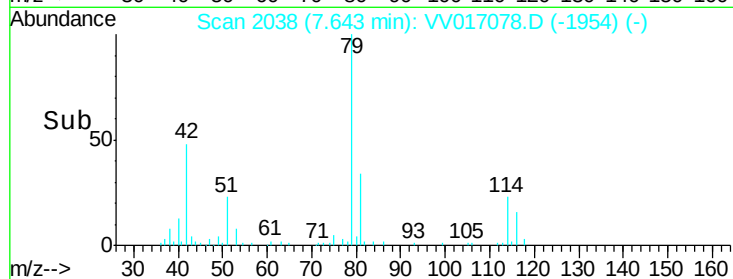
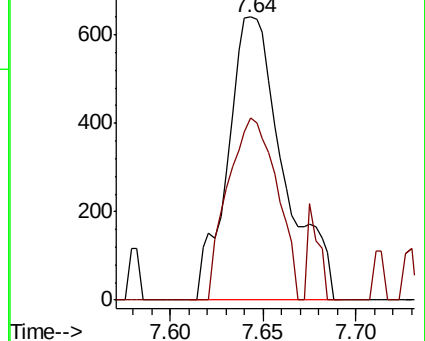
75 100

77 64.2 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 2.371 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017078.D

Acq: 24 Jun 2020 17:53

Tgt Ion: 43 Resp: 10840

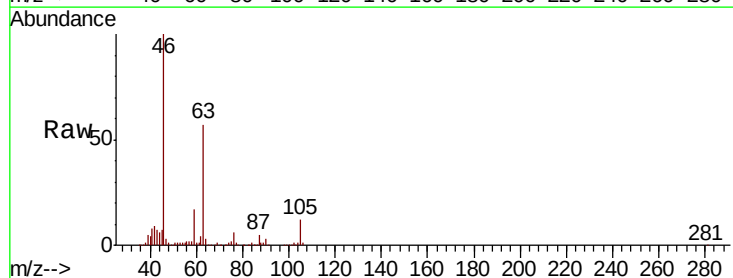
Ion Ratio Lower Upper

43 100

58 29.5 41.6 62.4#

57 0.0 15.4 23.0#

100 0.4 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

