

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039051.D
 Acq On : 23 Jun 2020 19:39
 Operator : SY/MD
 Sample : L3061-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK3

Quant Time: Jun 24 01:16:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261763	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	265924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	121428	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115120	6.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.20%
7) Chloroethane-d5	1.93	69	96960	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.59	63	169403	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.68	46	317404	45.88	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.76%
24) Chloroform-d	5.10	84	208338	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.74	65	126411	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.76	84	419616	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
36) 1,2-Dichloropropane-d6	6.72	67	137970	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.92	98	334867	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	8.20	79	55535	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.66	63	325135	58.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122703	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	134358	5.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

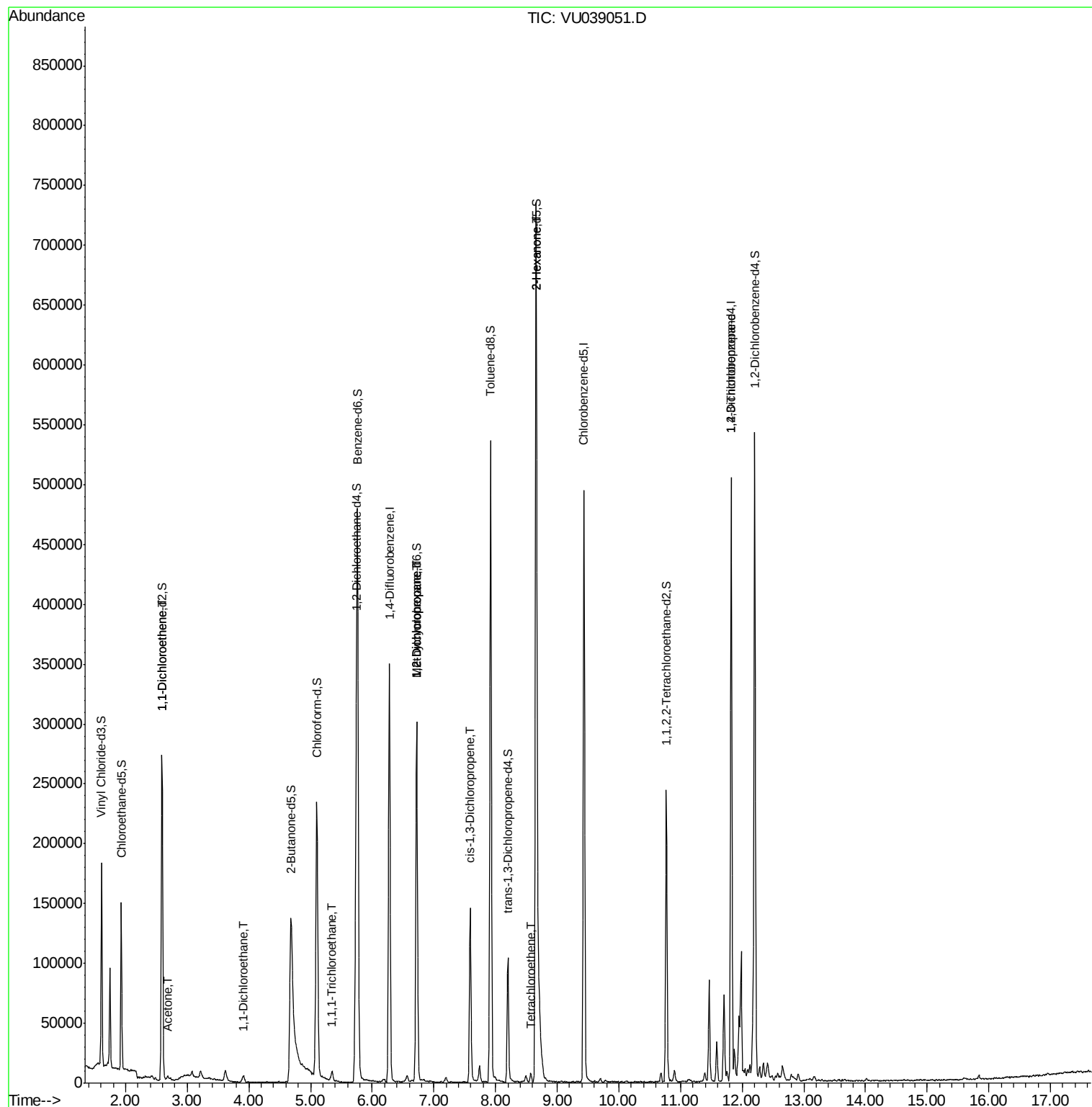
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1450	0.080 ug/L #	1
13) Acetone	2.68	43	7677	1.634 ug/L	72
19) 1,1-Dichloroethane	3.92	63	6939	0.180 ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	5633	0.170 ug/L	96
35) Methylcyclohexane	6.72	83	30798	1.027 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	15870	0.701 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3994	0.127 ug/L #	75
47) Tetrachloroethene	8.57	164	1627	0.112 ug/L	97
48) 2-Hexanone	8.66	43	36124	2.917 ug/L #	72
59) 1,2,3-Trichloropropane	11.82	75	16651	0.976 ug/L #	84

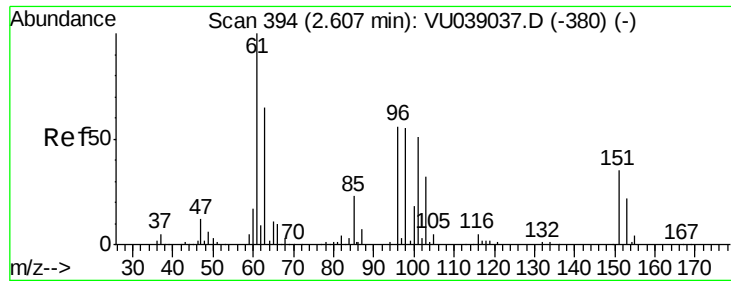
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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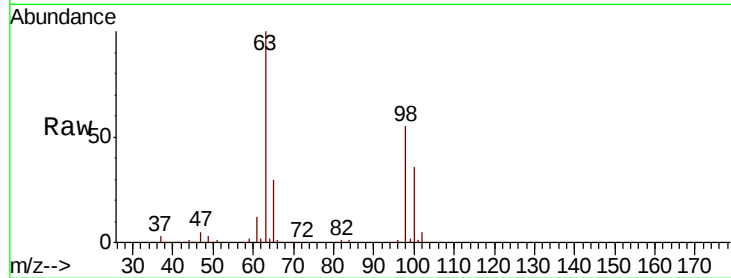




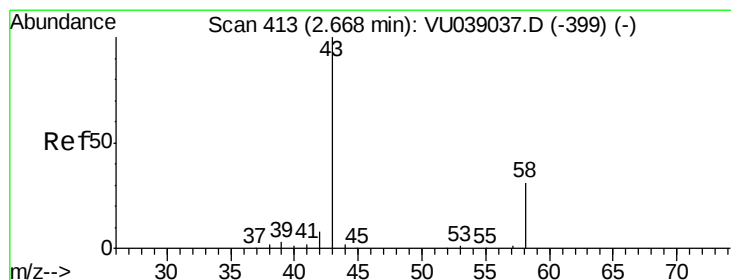
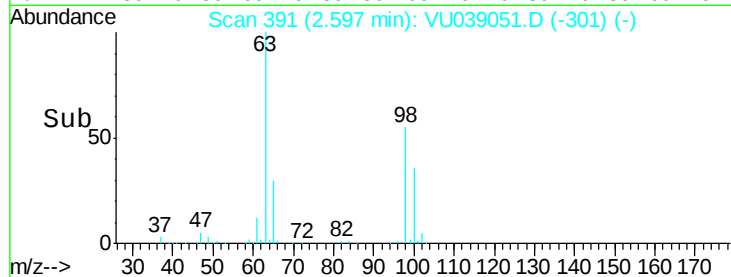
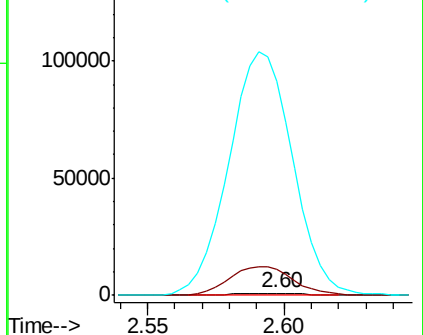
#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU039051.D
 Acq: 23 Jun 2020 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK3

Tot Ion: 96 Resp: 1450
 Ion Ratio Lower Upper
 96 100
 61 1279.3 125.1 232.3#
 63 10660.7 82.3 152.8#

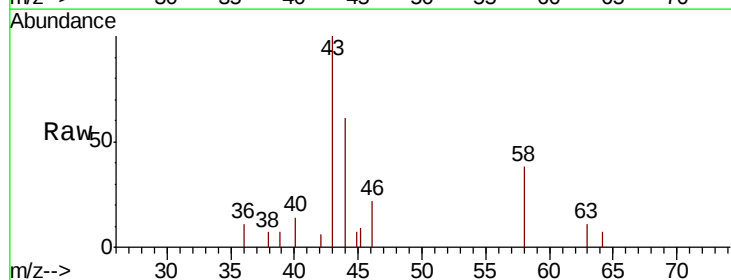


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

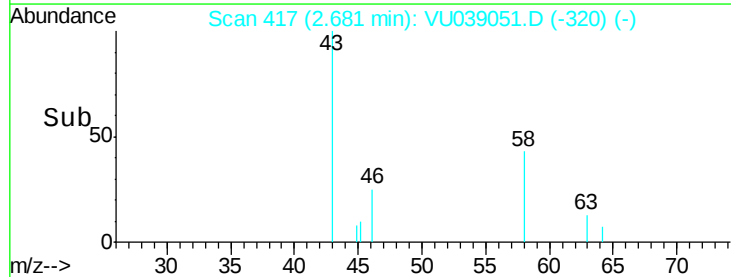
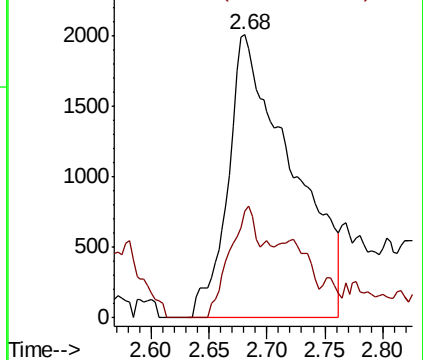


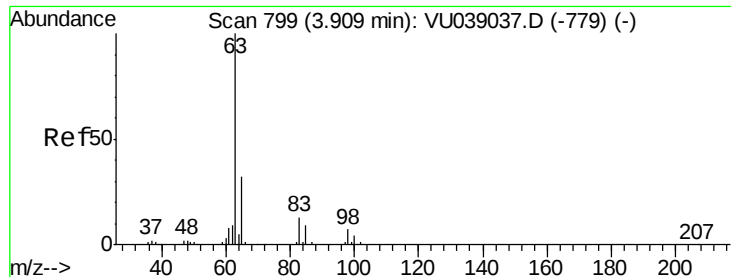
#13
 Acetone
 Concen: 1.634 ug/L
 RT: 2.68 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VU039051.D
 Acq: 23 Jun 2020 19:39

Tgt Ion: 43 Resp: 7677
 Ion Ratio Lower Upper
 43 100
 58 16.8 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0





#19

1,1-Dichloroethane

Concen: 0.180 ug/L

RT: 3.92 min Scan# 801

Delta R.T. 0.01 min

Lab File: VU039051.D

Acq: 23 Jun 2020 19:39

Instrument :

MSVOA_U

ClientSampleId :

BFXK3

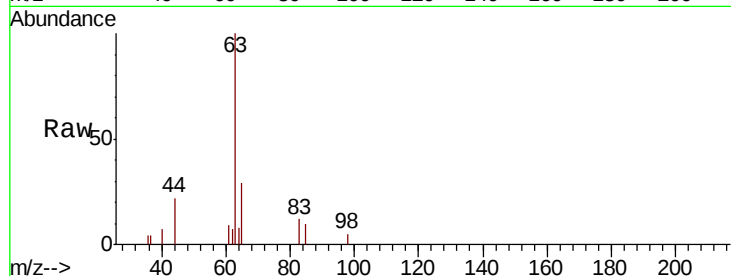
Tot Ion: 63 Resp: 6939

Ion Ratio Lower Upper

63 100

65 29.0 22.1 41.1

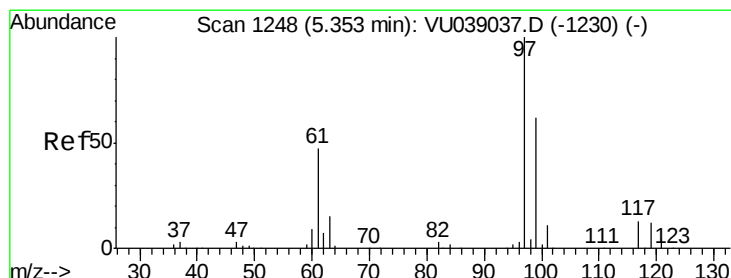
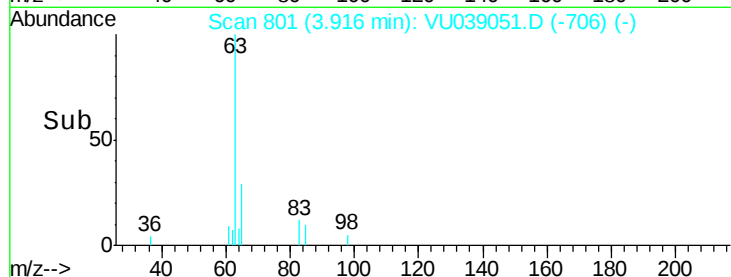
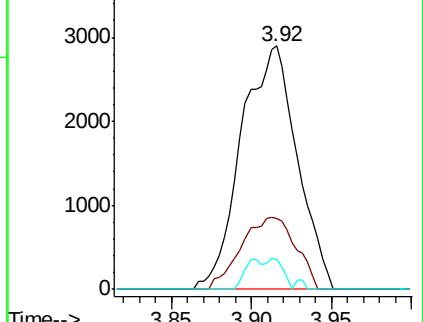
83 12.3 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU039037.D (-779) (-)

Ion 65.10 (64.80 to 65.80): VU039037.D (-779) (-)

Ion 83.05 (82.75 to 83.75): VU039037.D (-779) (-)



#29

1,1,1-Trichloroethane

Concen: 0.170 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU039051.D

Acq: 23 Jun 2020 19:39

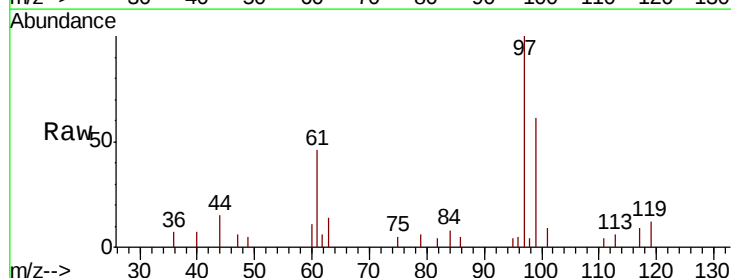
Tgt Ion: 97 Resp: 5633

Ion Ratio Lower Upper

97 100

99 67.5 50.3 75.5

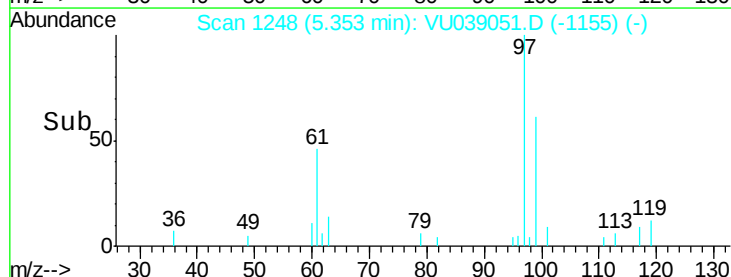
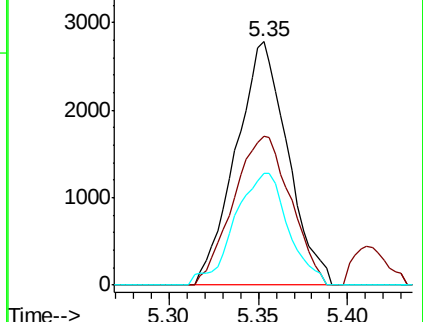
61 47.6 37.8 56.6

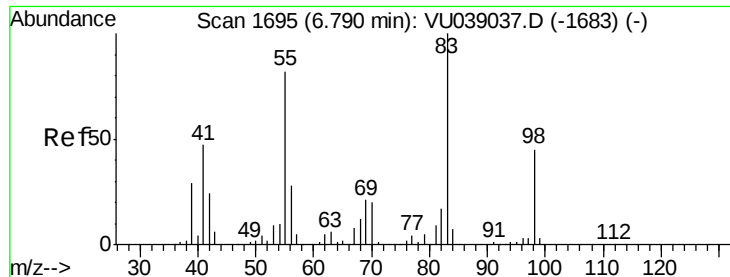


Abundance Ion 96.95 (96.65 to 97.65): VU039037.D (-1230) (-)

Ion 99.05 (98.75 to 99.75): VU039037.D (-1230) (-)

Ion 61.05 (60.75 to 61.75): VU039037.D (-1230) (-)

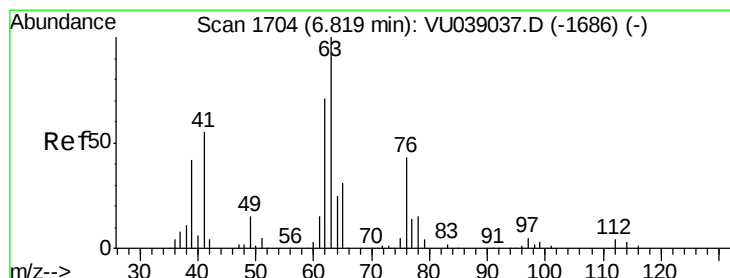
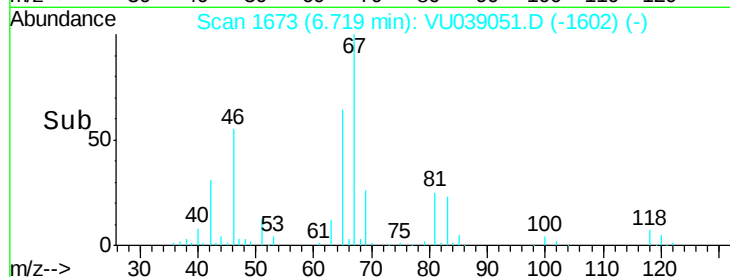
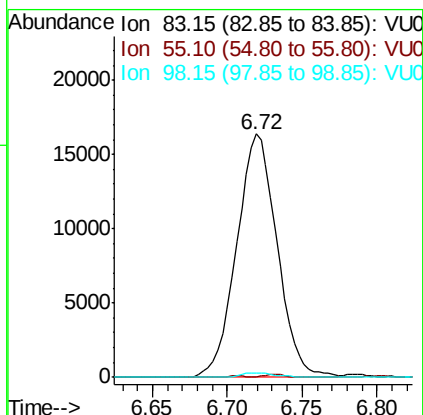
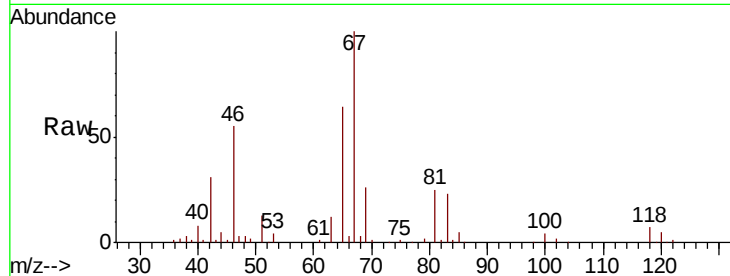




#35
Methvlcvclohexane
Concen: 1.027 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039051.D
Acq: 23 Jun 2020 19:39

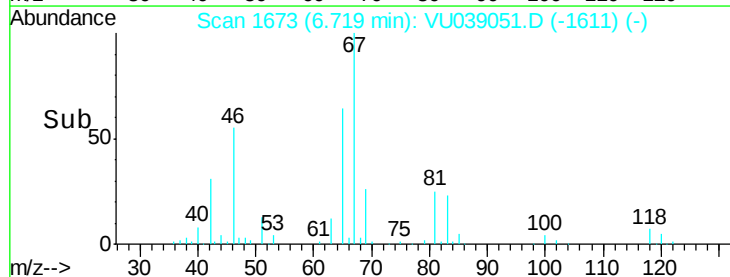
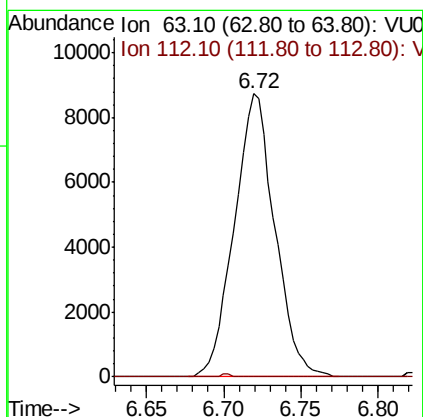
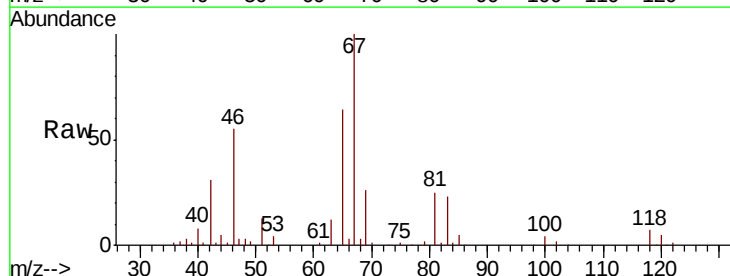
Instrument :
MSVOA_U
ClientSampleId :
BFXK3

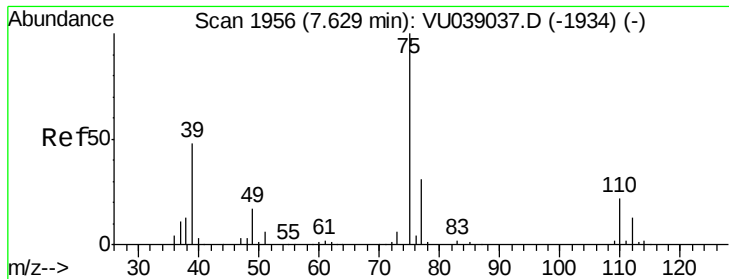
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.6	65.5	98.3#
98	1.6	36.5	54.7#



#37
1,2-Dichloropropane
Concen: 0.701 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039051.D
Acq: 23 Jun 2020 19:39

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.4	5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039051.D

Acq: 23 Jun 2020 19:39

Instrument :

MSVOA_U

ClientSampleId :

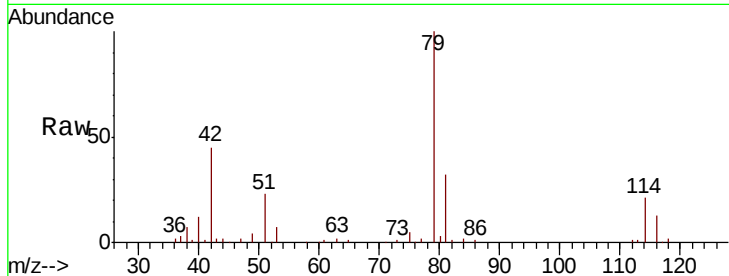
BFXK3

Tot Ion: 75 Resp: 3994

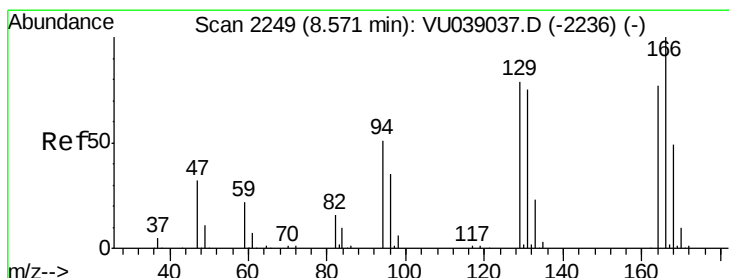
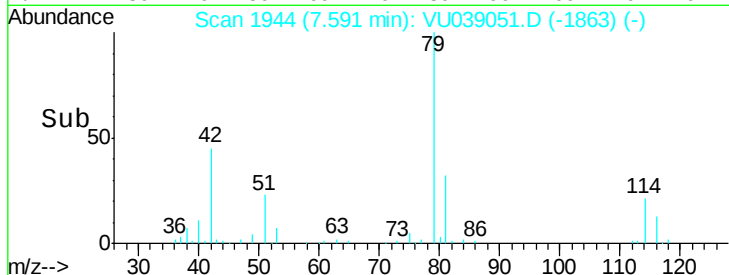
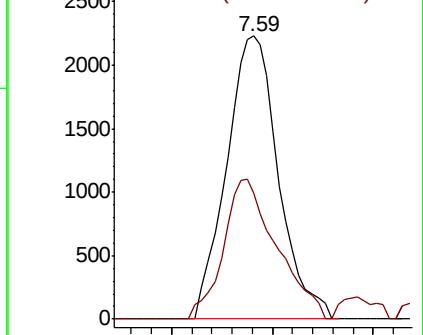
Ion Ratio Lower Upper

75 100

77 44.4 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039051.D (-1863) (-)



#47

Tetrachloroethene

Concen: 0.112 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU039051.D

Acq: 23 Jun 2020 19:39

Tgt Ion:164 Resp: 1627

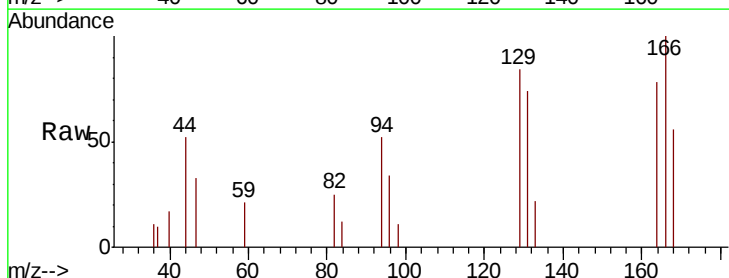
Ion Ratio Lower Upper

164 100

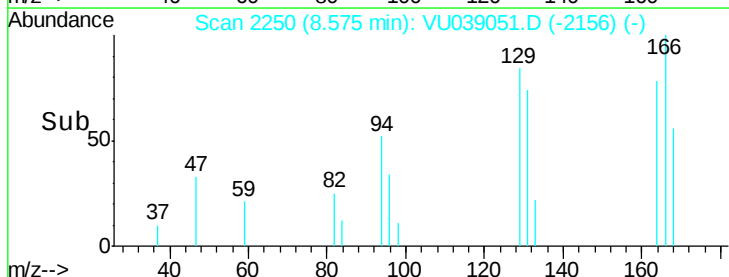
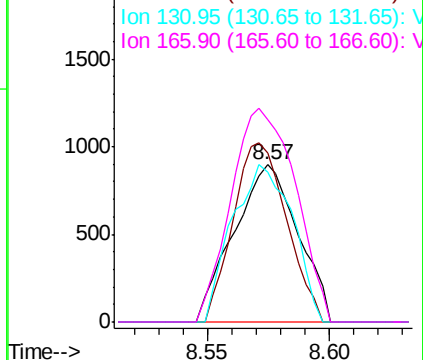
129 107.6 71.3 132.5

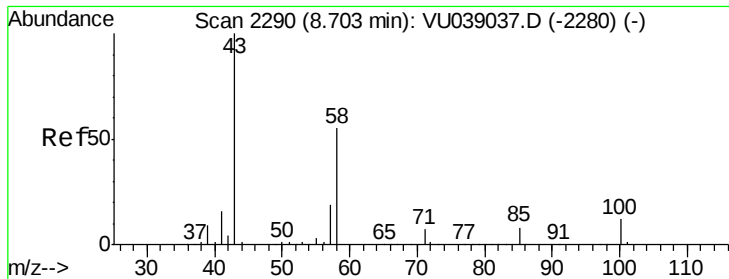
131 95.1 68.3 126.8

166 128.5 90.8 168.6



Abundance Ion 163.90 (163.60 to 164.60): VU039051.D (-2156) (-)





#48

2-Hexanone

Concen: 2.917 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.04 min

Lab File: VU039051.D

Acq: 23 Jun 2020 19:39

Instrument :

MSVOA_U

ClientSampled :

BFXK3

Tot Ion: 43 Resp: 36124

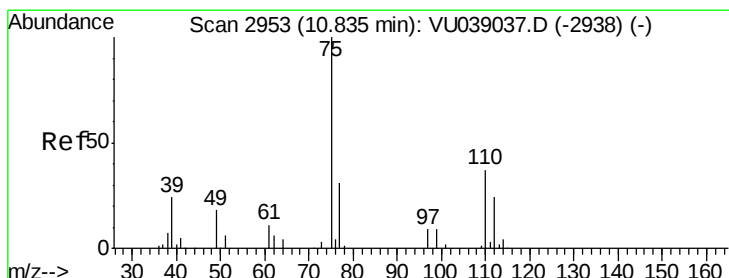
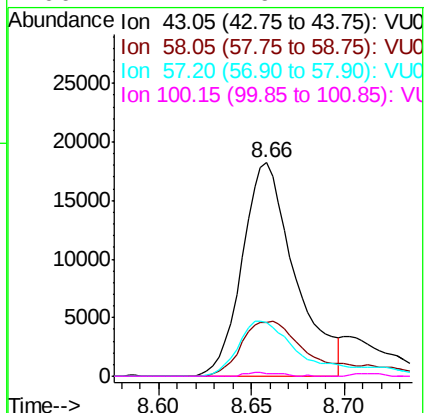
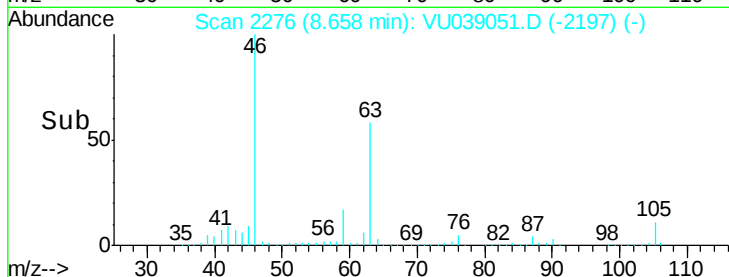
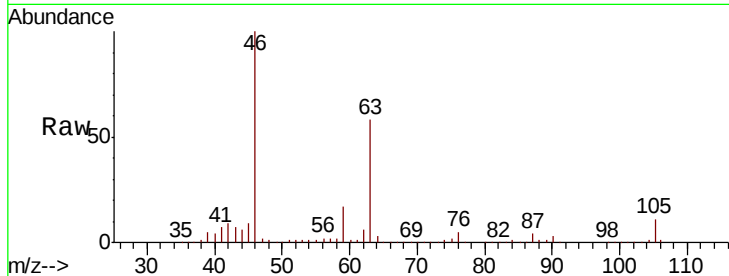
Ion Ratio Lower Upper

43 100

58 35.6 44.0 66.0#

57 32.4 15.0 22.6#

100 1.1 9.4 14.2#



#59

1,2,3-Trichloropropane

Concen: 0.976 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU039051.D

Acq: 23 Jun 2020 19:39

Tgt Ion: 75 Resp: 16651

Ion Ratio Lower Upper

75 100

77 41.7 26.2 39.2#

