

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039022.D
 Acq On : 22 Jun 2020 22:22
 Operator : SY/MD
 Sample : L3061-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ8

Quant Time: Jun 23 01:29:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	266740	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	275676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120677	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	126205	5.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.20%
7) Chloroethane-d5	1.93	69	91714	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.59	63	171234	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.66	46	369763	51.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	5.10	84	211115	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.74	65	127593	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.76	84	418355	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.72	67	136637	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.92	98	330034	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.20	79	42875	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.65	63	273502	48.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	117435	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	131552	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

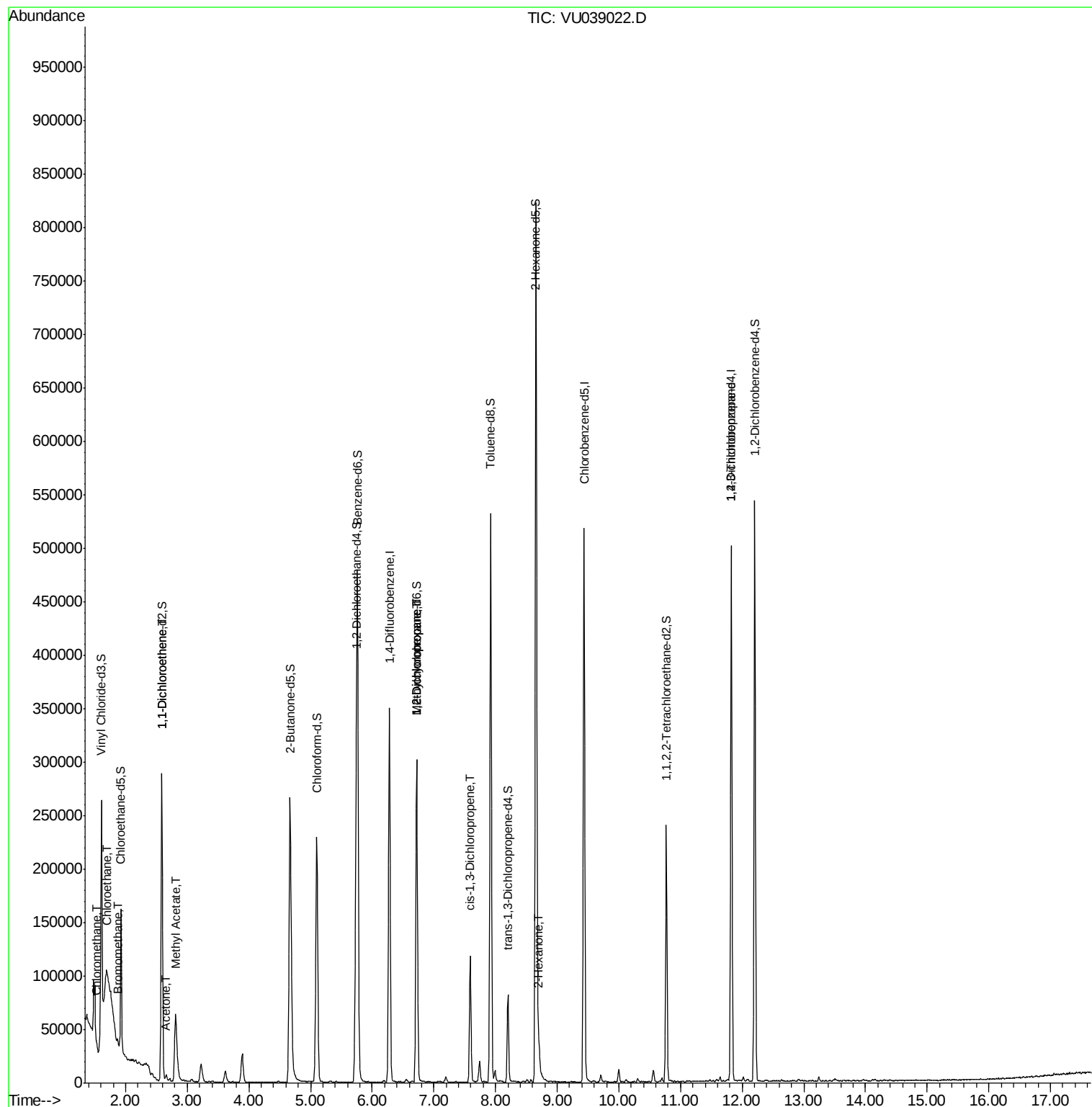
					Ovalue
3) Chloromethane	1.53	50	3563	0.241 ug/L	99
6) Bromomethane	1.87	94	2573	0.396 ug/L	97
8) Chloroethane	1.69	64	356143	23.764 ug/L #	56
12) 1,1-Dichloroethene	2.59	96	1319	0.068 ug/L #	1
13) Acetone	2.66	43	6710	1.491 ug/L	96
15) Methyl Acetate	2.81	43	26778	2.338 ug/L #	53
35) Methylcyclohexane	6.72	83	31259	0.929 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14974	0.626 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3041	0.089 ug/L #	39
48) 2-Hexanone	8.71	43	14182	1.071 ug/L #	83
59) 1,2,3-Trichloropropane	11.83	75	16979	0.963 ug/L	92

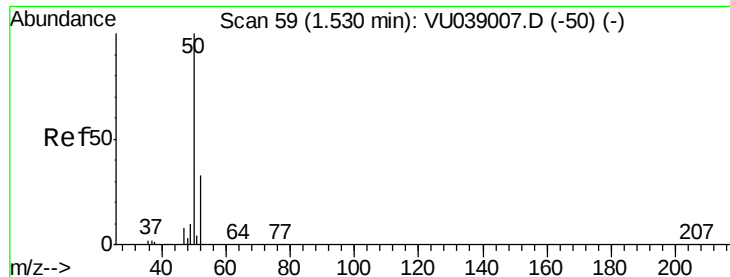
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.241 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039022.D

Acq: 22 Jun 2020 22:22

Instrument :

MSVOA_U

ClientSampleId :

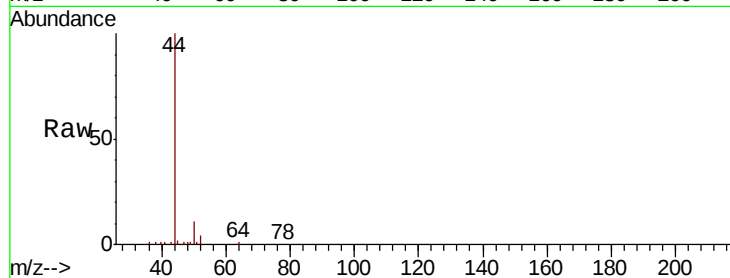
BFXJ8

Tot Ion: 50 Resp: 3563

Ion Ratio Lower Upper

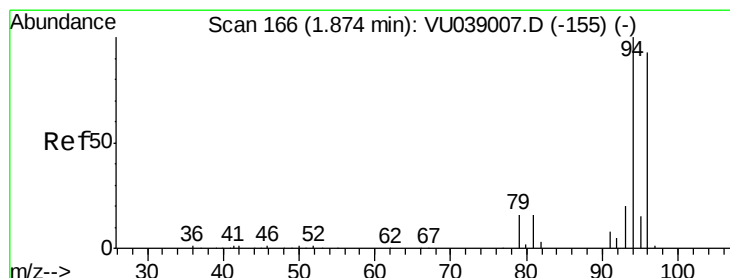
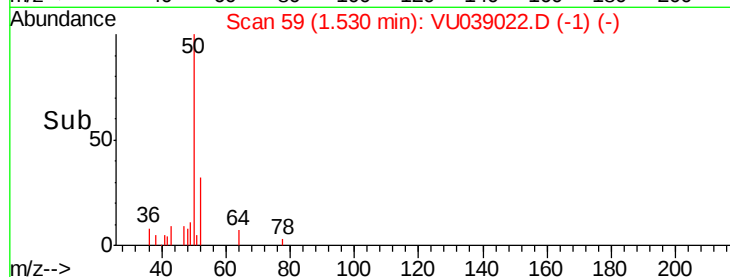
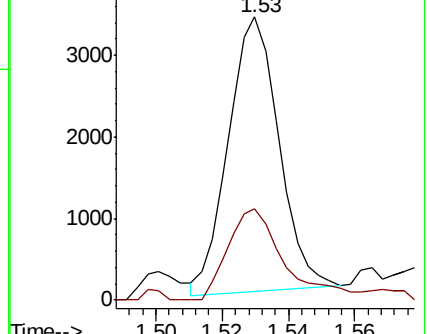
50 100

52 32.3 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU039007.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU039022.D (-1) (-)



#6

Bromomethane

Concen: 0.396 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU039022.D

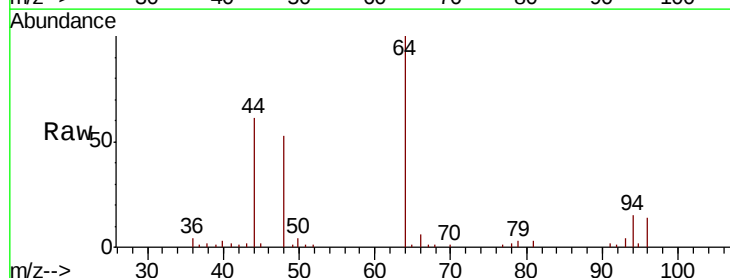
Acq: 22 Jun 2020 22:22

Tgt Ion: 94 Resp: 2573

Ion Ratio Lower Upper

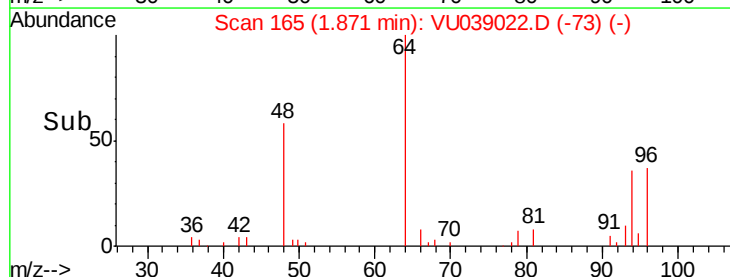
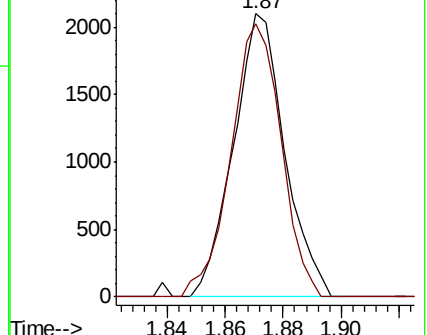
94 100

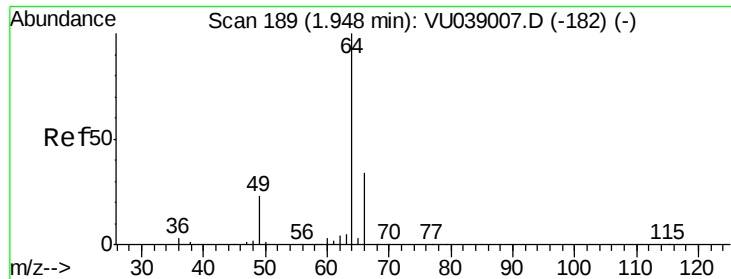
96 96.4 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU039007.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU039022.D (-73) (-)





#8

Chloroethane

Concen: 23.764 ug/L

RT: 1.69 min Scan# 110

Delta R.T. -0.25 min

Lab File: VU039022.D

Acq: 22 Jun 2020 22:22

Instrument :

MSVOA_U

ClientSampleId :

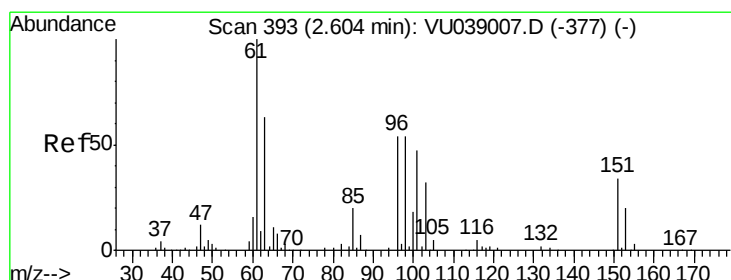
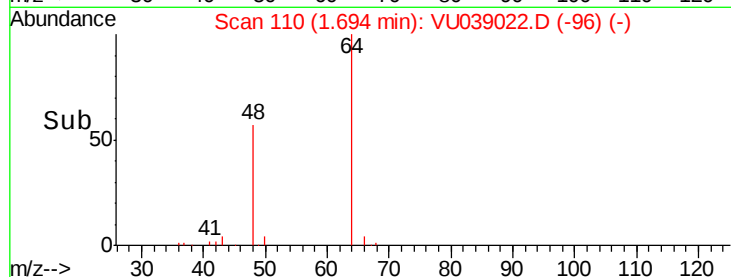
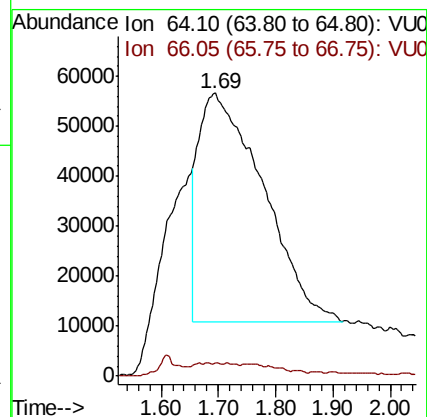
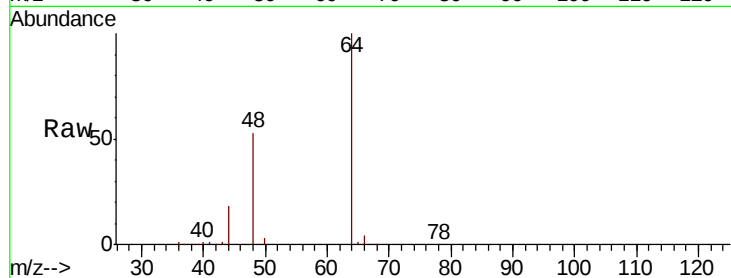
BFXJ8

Tot Ion: 64 Resp: 356143

Ion Ratio Lower Upper

64 100

66 4.5 19.4 36.0#



#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU039022.D

Acq: 22 Jun 2020 22:22

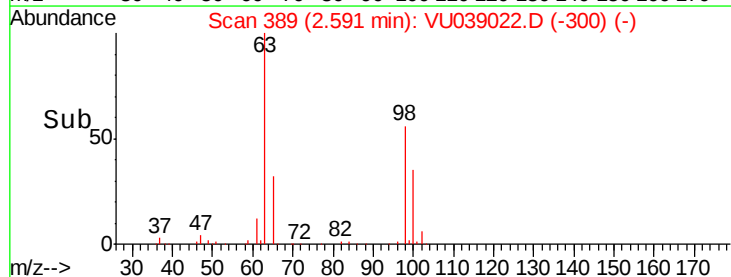
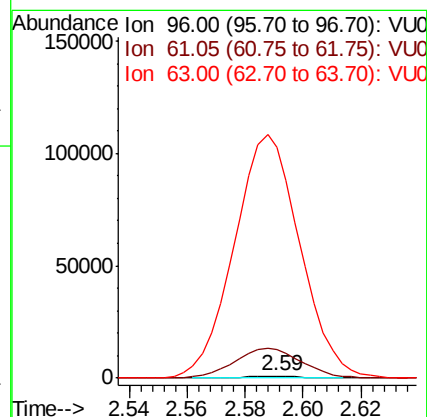
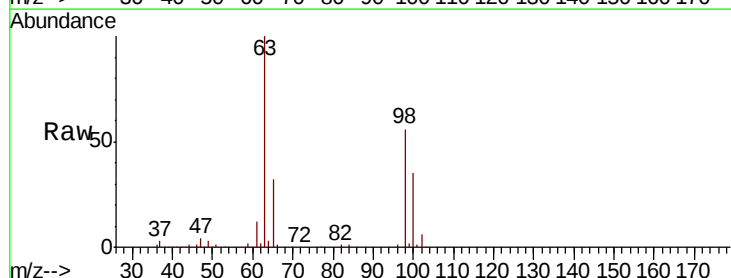
Tgt Ion: 96 Resp: 1319

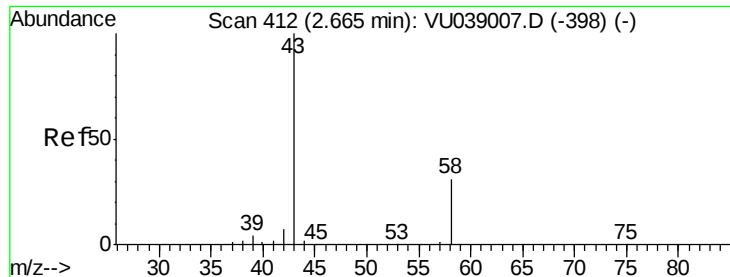
Ion Ratio Lower Upper

96 100

61 1216.3 128.7 239.1#

63 9981.7 101.5 188.5#





#13

Acetone

Concen: 1.491 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039022.D

Acq: 22 Jun 2020 22:22

Instrument :

MSVOA_U

ClientSampleId :

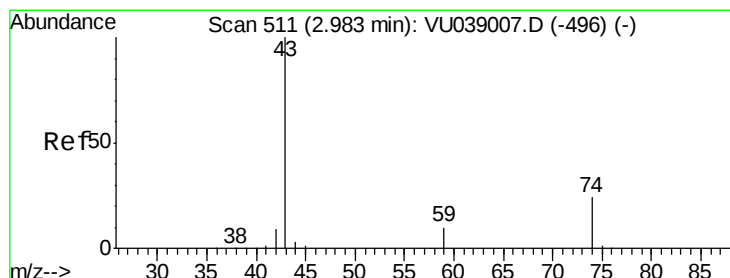
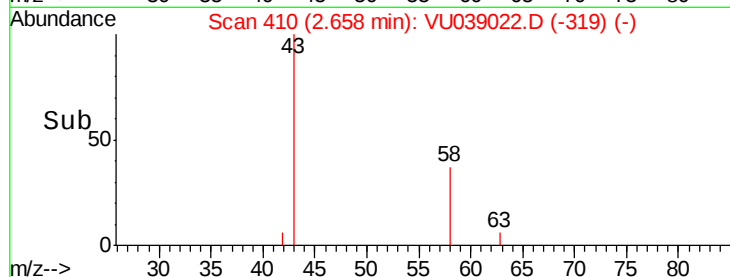
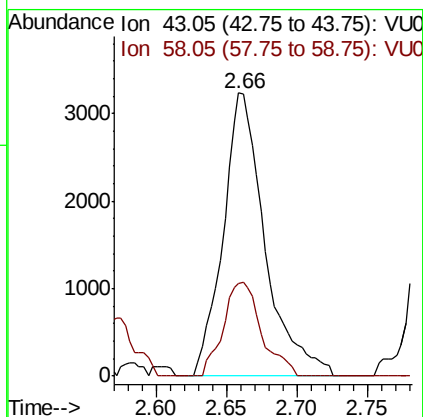
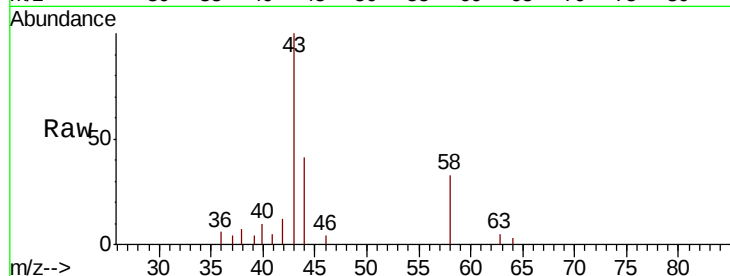
BFXJ8

Tot Ion: 43 Resp: 6710

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.8



#15

Methyl Acetate

Concen: 2.338 ug/L

RT: 2.81 min Scan# 457

Delta R.T. -0.17 min

Lab File: VU039022.D

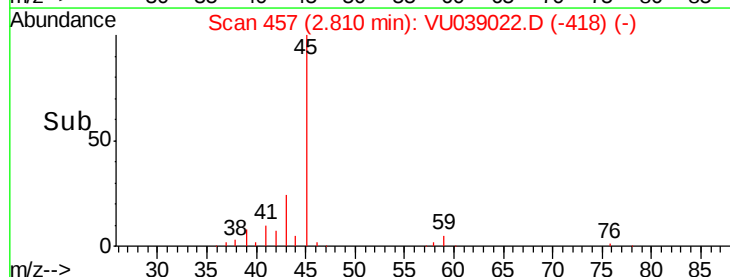
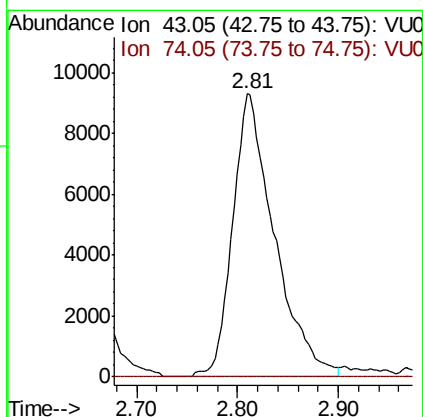
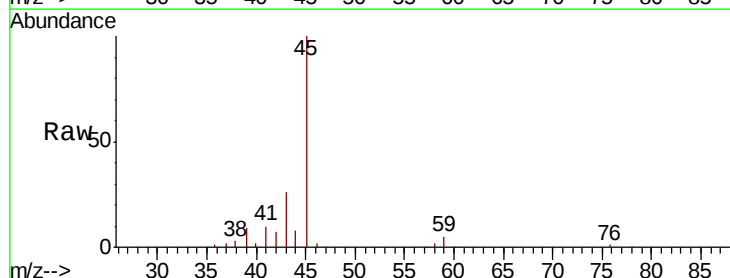
Acq: 22 Jun 2020 22:22

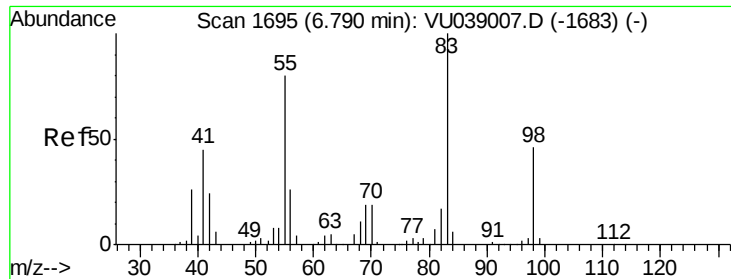
Tgt Ion: 43 Resp: 26778

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#

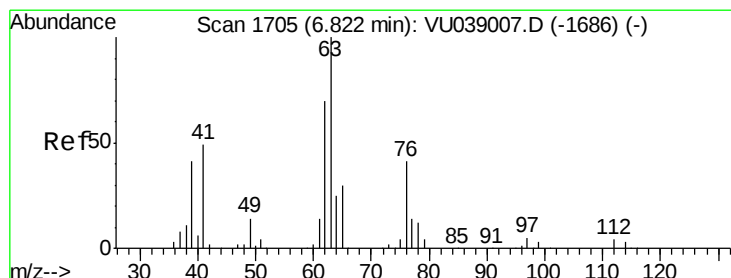
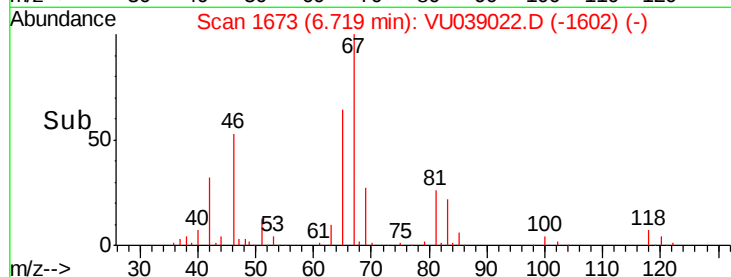
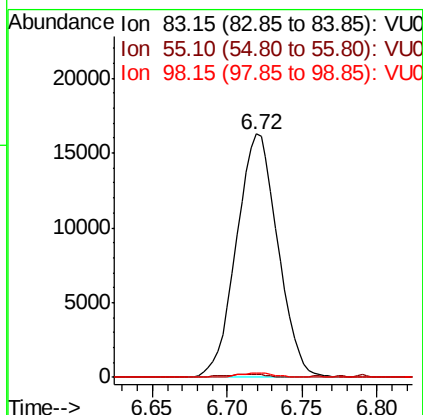
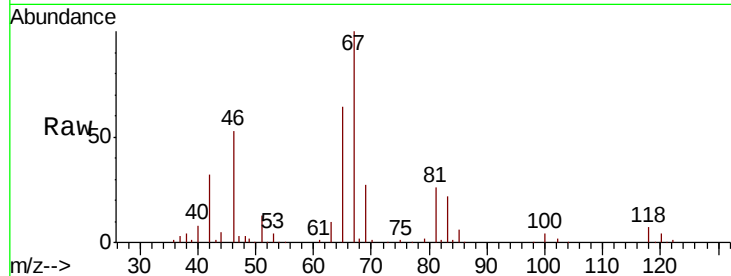




#35
Methvlcvclohexane
Concen: 0.929 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039022.D
Acq: 22 Jun 2020 22:22

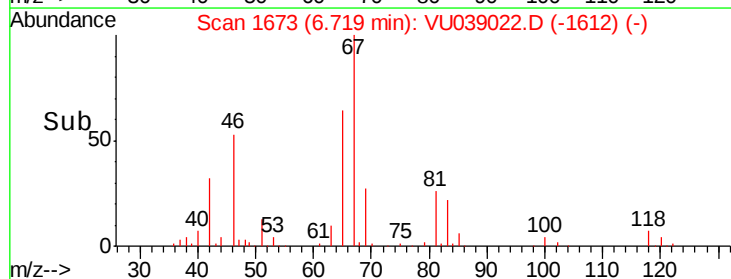
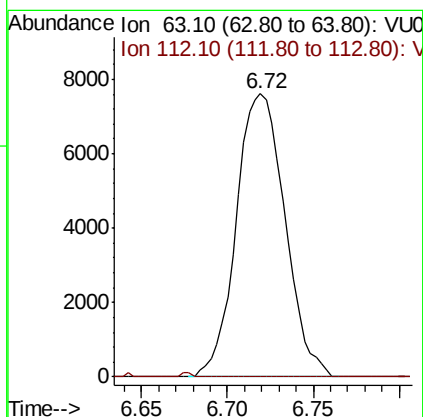
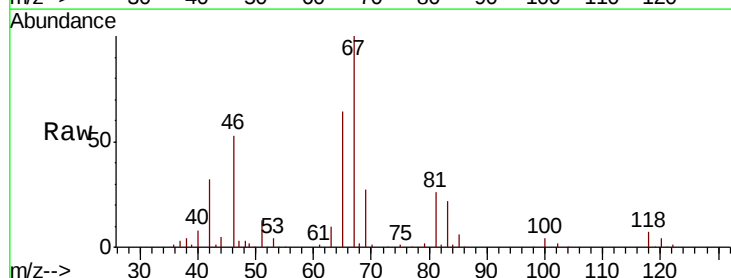
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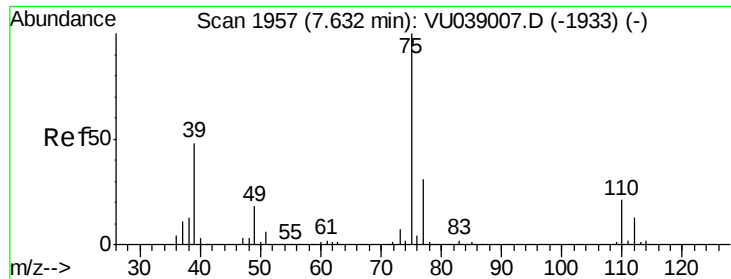
Tot Ion	Ratio	Lower	Upper
83	100		
55	1.3	65.1	97.7#
98	1.5	37.0	55.4#



#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039022.D
Acq: 22 Jun 2020 22:22

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

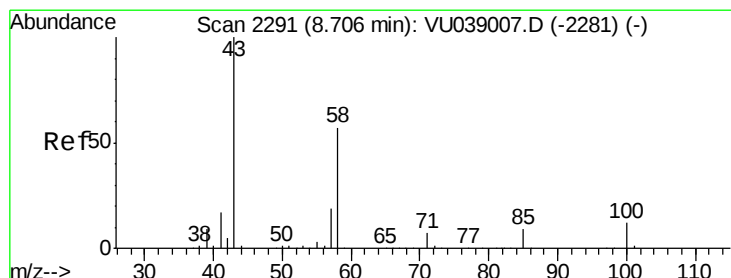
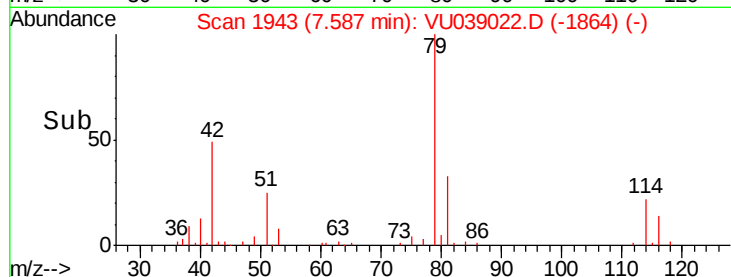
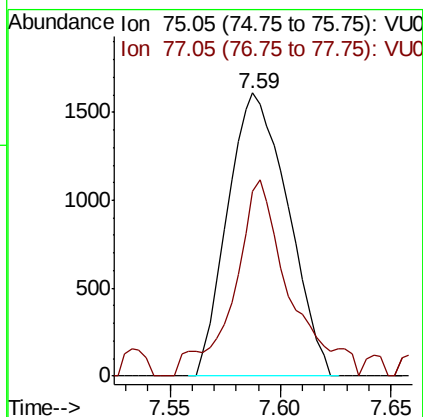
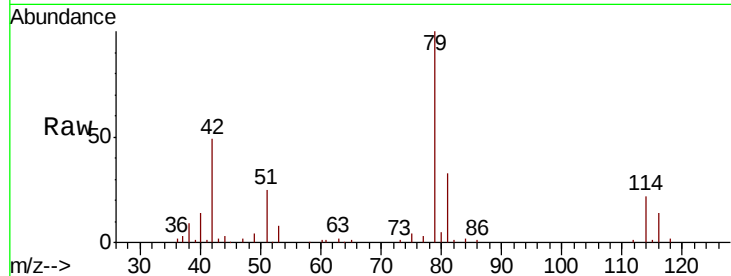




#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039022.D
 Acq: 22 Jun 2020 22:22

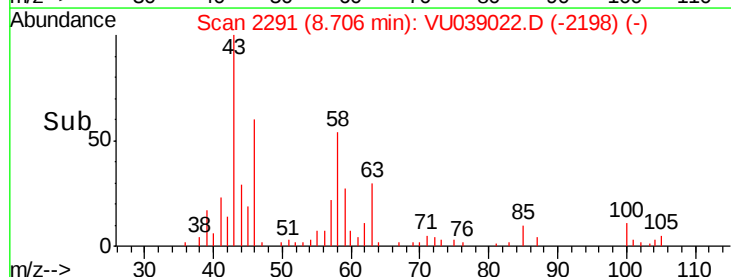
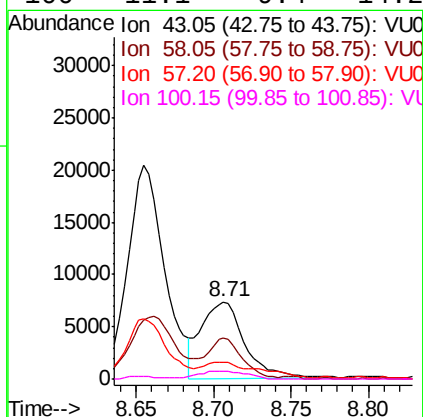
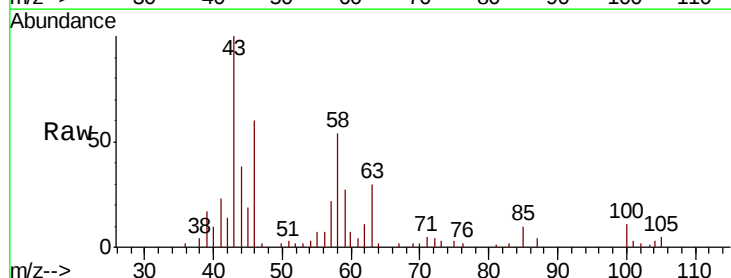
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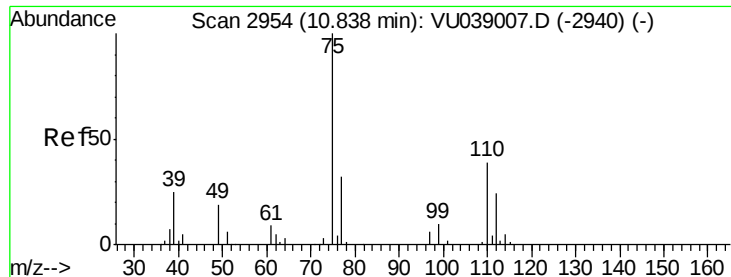
Tot Ion: 75 Resp: 3041
 Ion Ratio Lower Upper
 75 100
 77 65.3 22.0 41.0#



#48
 2-Hexanone
 Concen: 1.071 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU039022.D
 Acq: 22 Jun 2020 22:22

Tgt Ion: 43 Resp: 14182
 Ion Ratio Lower Upper
 43 100
 58 42.2 43.5 65.3#
 57 7.6 15.0 22.4#
 100 11.1 9.4 14.2





#59

1,2,3-Trichloropropane

Concen: 0.963 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039022.D

Acq: 22 Jun 2020 22:22

Instrument :

MSVOA_U

ClientSampleId :

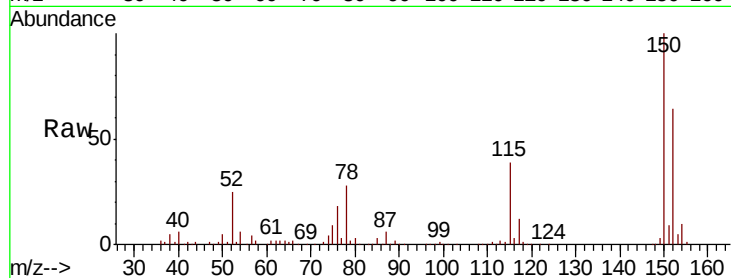
BFXJ8

Tot Ion: 75 Resp: 16979

Ion Ratio Lower Upper

75 100

77 36.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

