

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039046.D
 Acq On : 23 Jun 2020 17:44
 Operator : SY/MD
 Sample : L3061-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ1DL

Quant Time: Jun 24 01:15:30 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	270221	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	272958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	122317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115364	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.93	69	97891	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.59	63	179041	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.67	46	414027	57.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.96%
24) Chloroform-d	5.10	84	211191	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.74	65	134967	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.76	84	431495	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.72	67	143523	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.92	98	349329	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	8.20	79	60183	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.66	63	333414	58.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	127719	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	130323	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	8009	0.305	ug/L #	70
8) Chloroethane	1.95	64	10832	0.685	ug/L	94
12) 1,1-Dichloroethene	2.61	96	17729	0.947	ug/L #	1
13) Acetone	2.67	43	6931	1.429	ug/L	100
16) Methylene chloride	3.08	84	8728	0.378	ug/L	99
19) 1,1-Dichloroethane	3.91	63	437757	10.996	ug/L	99
22) cis-1,2-Dichloroethene	4.70	96	3404	0.158	ug/L	88
25) Chloroform	5.12	83	8765	0.219	ug/L	94
35) Methylcyclohexane	6.72	83	32383	1.052	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15774	0.679	ug/L #	87
38) Bromodichloromethane	6.94	83	3933	0.136	ug/L #	25
39) cis-1,3-Dichloropropene	7.59	75	3803	0.118	ug/L #	21
40) 4-Methyl-2-pentanone	7.74	43	19931	1.149	ug/L #	45
48) 2-Hexanone	8.66	43	44430	3.495	ug/L #	68
59) 1,2,3-Trichloropropane	11.82	75	17039	0.973	ug/L	93

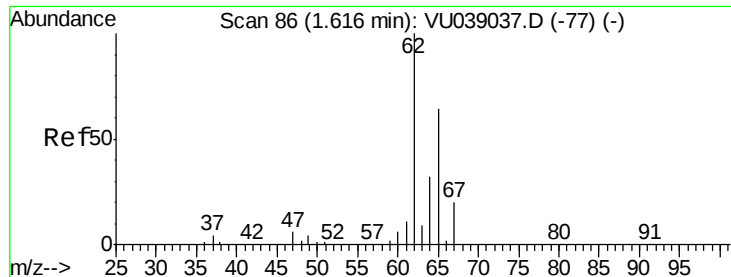
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
Data File : VU039046.D
Acq On : 23 Jun 2020 17:44
Operator : SY/MD
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 01:05:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#5

Vinyl chloride

Concen: 0.305 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU039046.D

Acq: 23 Jun 2020 17:44

Instrument :

MSVOA_U

ClientSampleID :

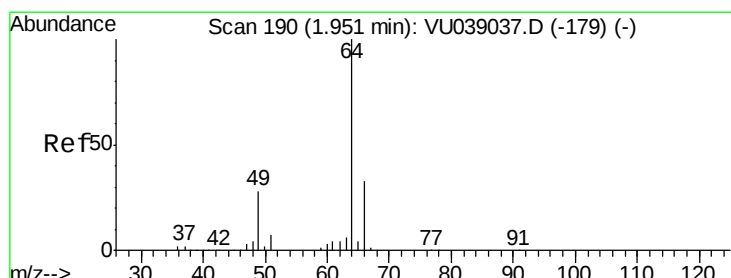
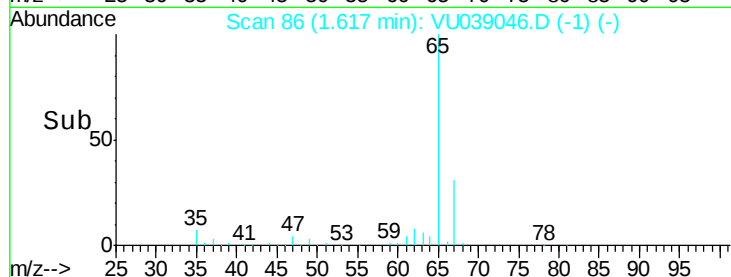
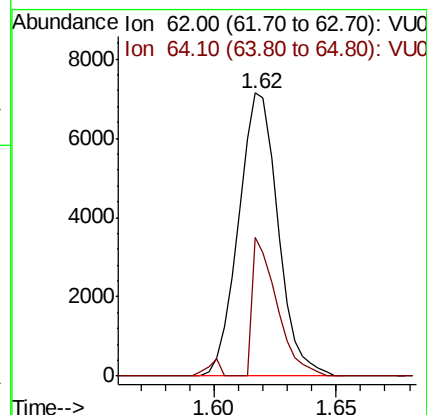
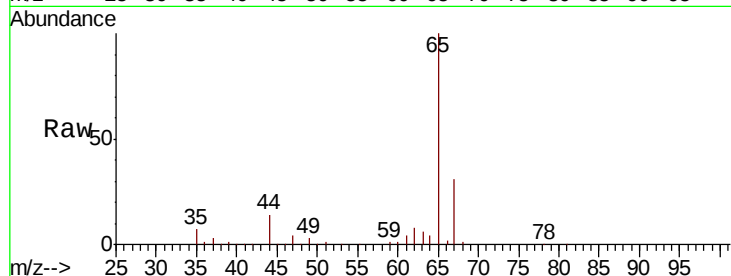
BFXJ1DL

Tot Ion: 62 Resp: 8009

Ion Ratio Lower Upper

62 100

64 48.9 22.4 41.6#



#8

Chloroethane

Concen: 0.685 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU039046.D

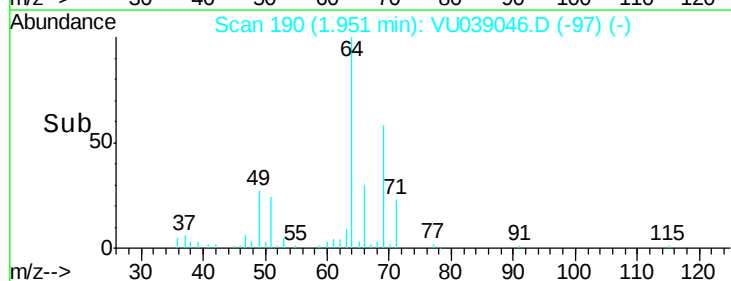
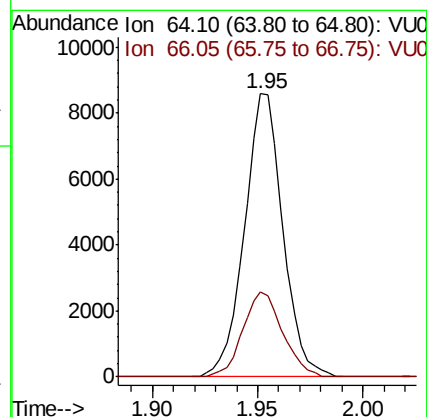
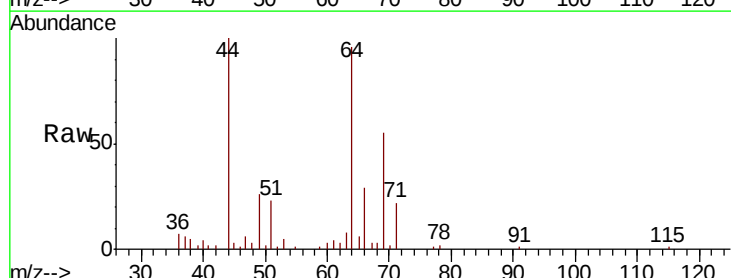
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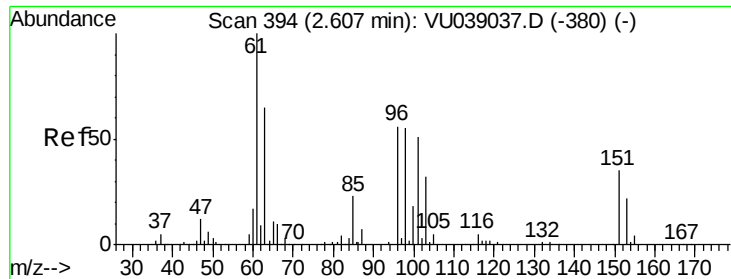
Tgt Ion: 64 Resp: 10832

Ion Ratio Lower Upper

64 100

66 30.1 23.4 43.4





#12

1,1-Dichloroethene

Concen: 0.947 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU039046.D

Acq: 23 Jun 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

BFXJ1DL

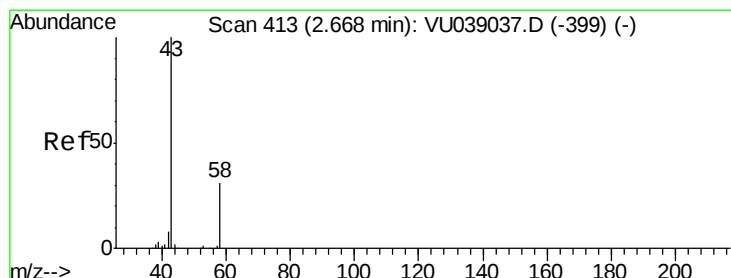
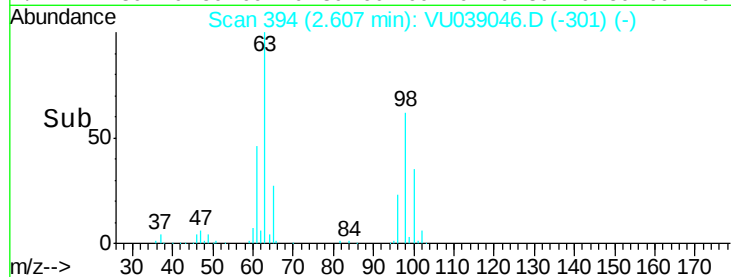
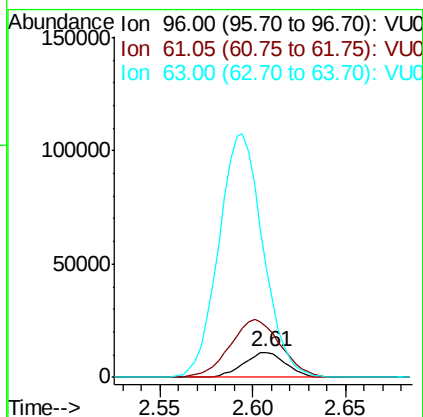
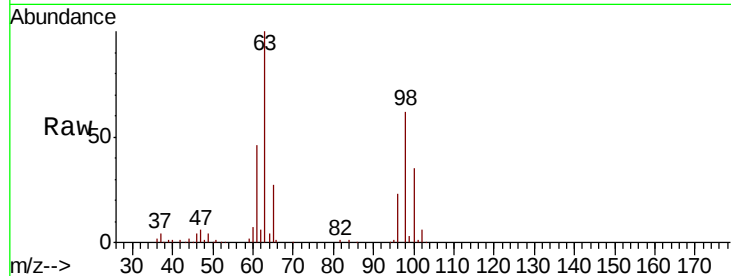
Tot Ion: 96 Resp: 17729

Ion Ratio Lower Upper

96 100

61 198.0 125.1 232.3

63 431.2 82.3 152.8#



#13

Acetone

Concen: 1.429 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU039046.D

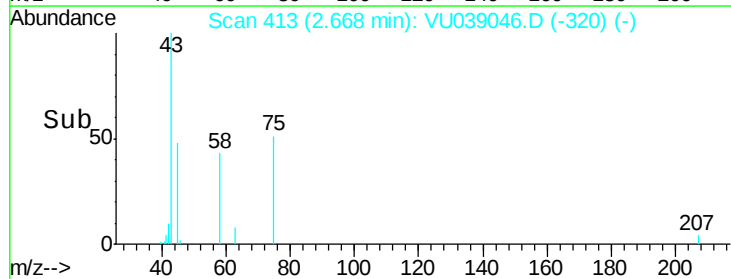
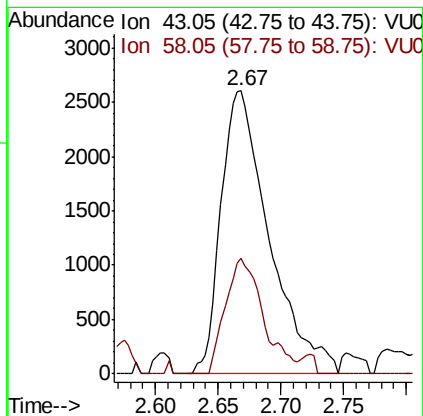
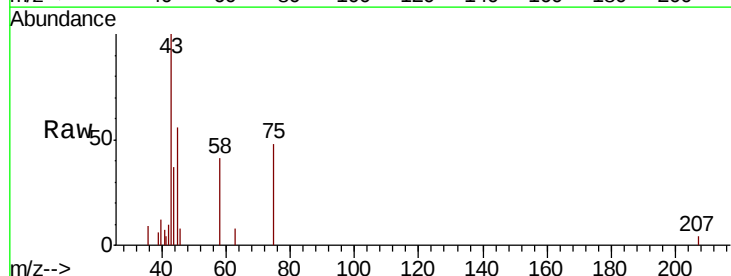
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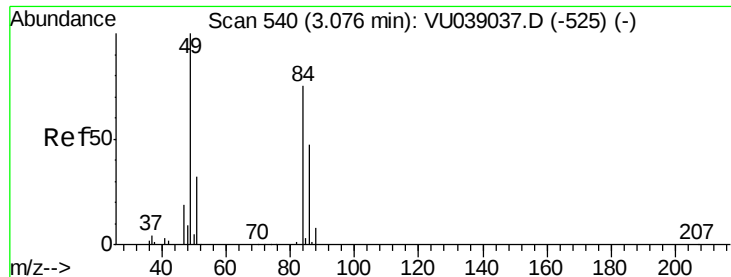
Tgt Ion: 43 Resp: 6931

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.4

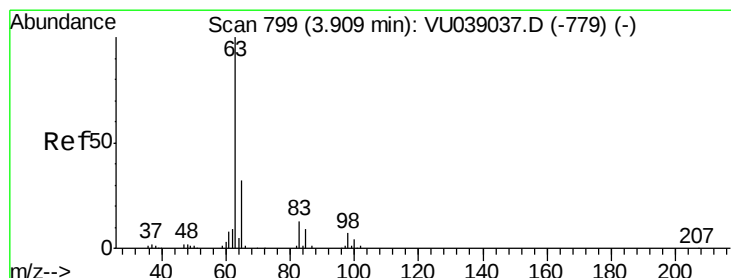
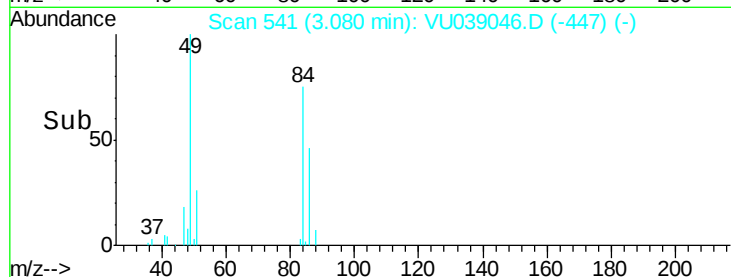
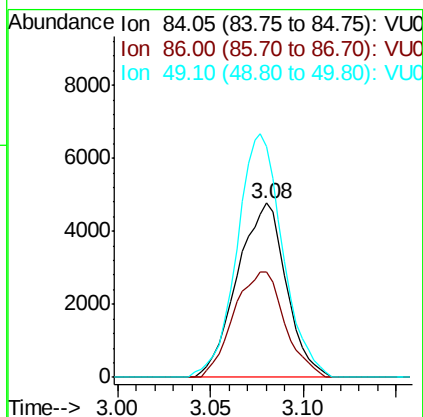
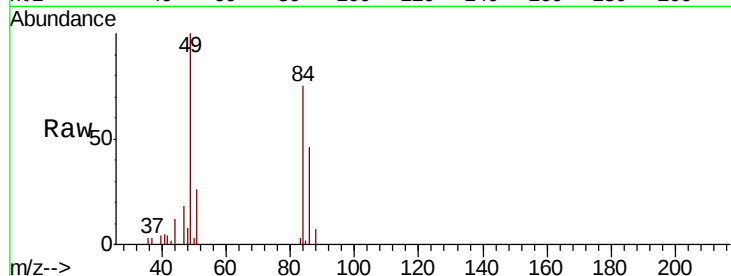




#16
Methylene chloride
Concen: 0.378 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU039046.D
Acq: 23 Jun 2020 17:44

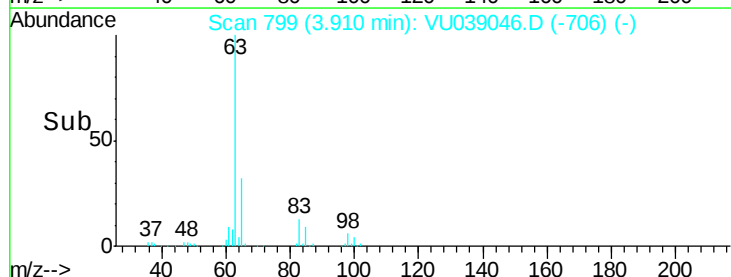
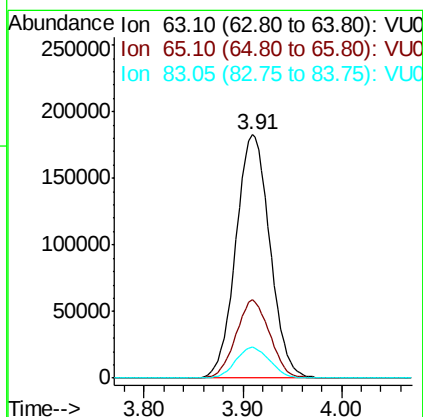
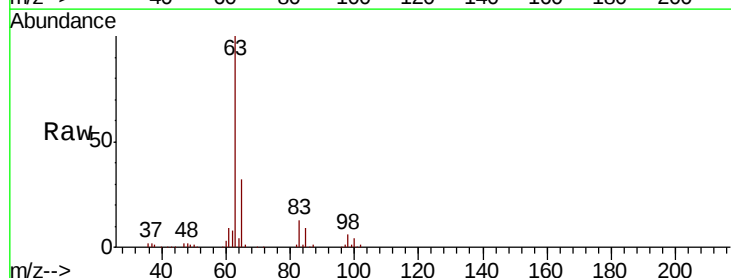
Instrument :
MSVOA_U
ClientSampled :
BFXJ1DL

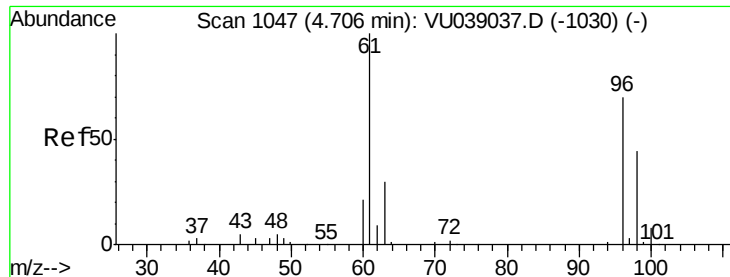
Tot Ion: 84 Resp: 8728
Ion Ratio Lower Upper
84 100
86 60.9 44.1 81.9
49 132.6 93.1 172.9



#19
1,1-Dichloroethane
Concen: 10.996 ug/L
RT: 3.91 min Scan# 799
Delta R.T. 0.00 min
Lab File: VU039046.D
Acq: 23 Jun 2020 17:44

Tgt Ion: 63 Resp: 437757
Ion Ratio Lower Upper
63 100
65 32.2 22.1 41.1
83 12.5 9.3 17.3

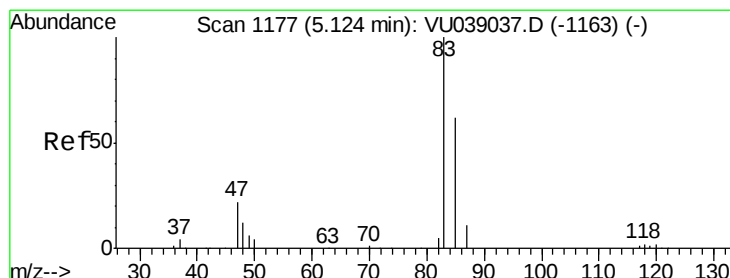
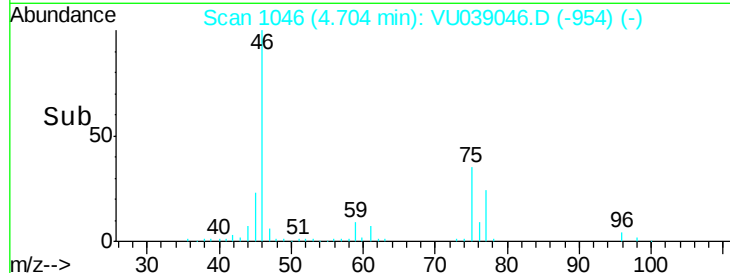
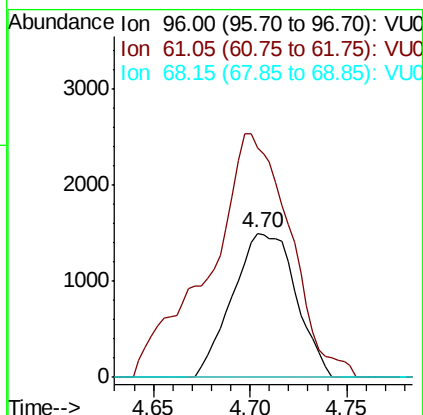
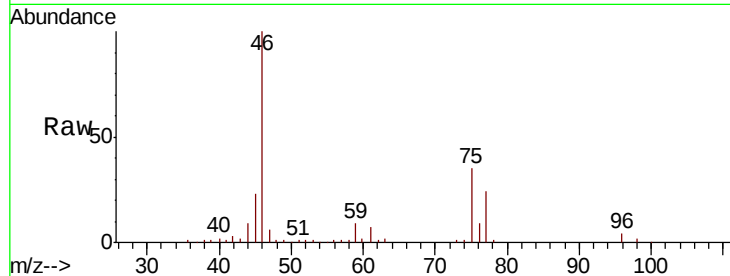




#22
 cis-1,2-Dichloroethene
 Concen: 0.158 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU039046.D
 Acq: 23 Jun 2020 17:44

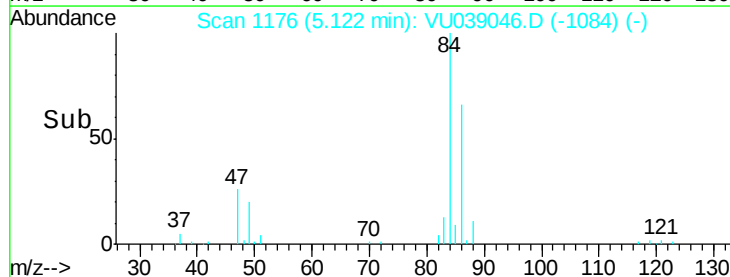
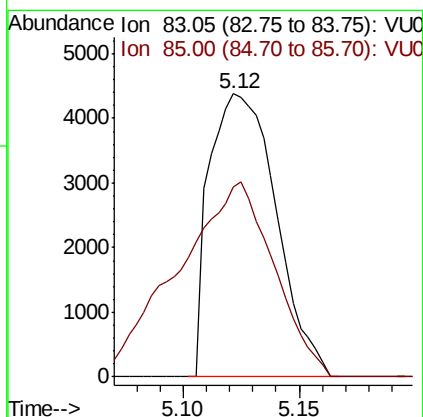
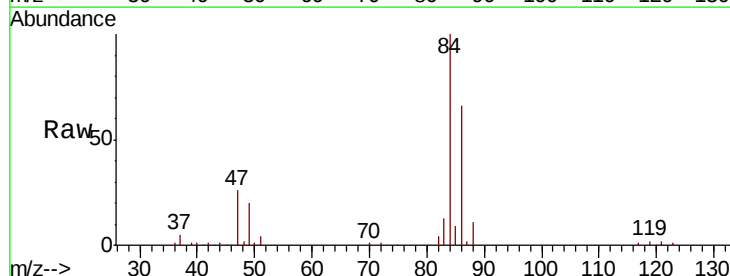
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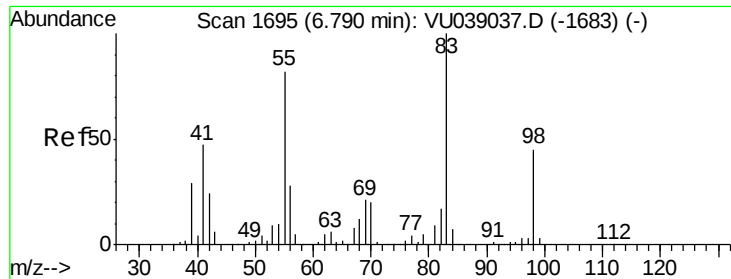
Tot Ion: 96 Resp: 3404
 Ion Ratio Lower Upper
 96 100
 61 159.3 100.8 187.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.219 ug/L
 RT: 5.12 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VU039046.D
 Acq: 23 Jun 2020 17:44

Tgt Ion: 83 Resp: 8765
 Ion Ratio Lower Upper
 83 100
 85 67.0 43.8 81.4

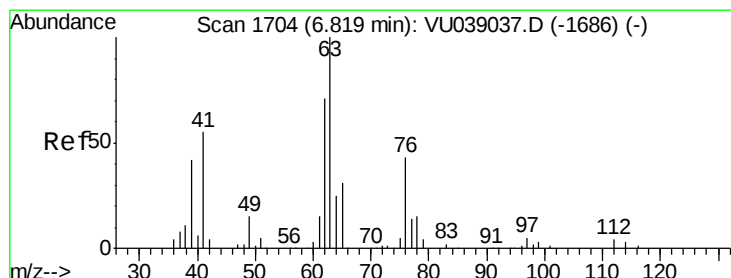
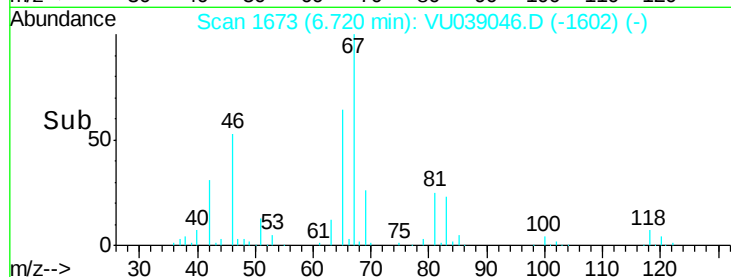
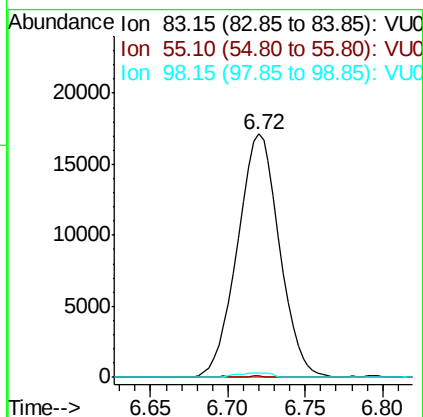
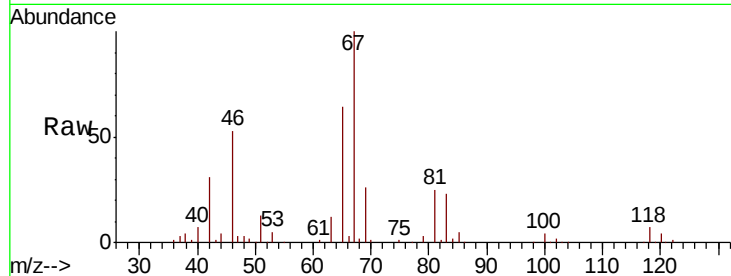




#35
Methvlcvclohexane
Concen: 1.052 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039046.D
Acq: 23 Jun 2020 17:44

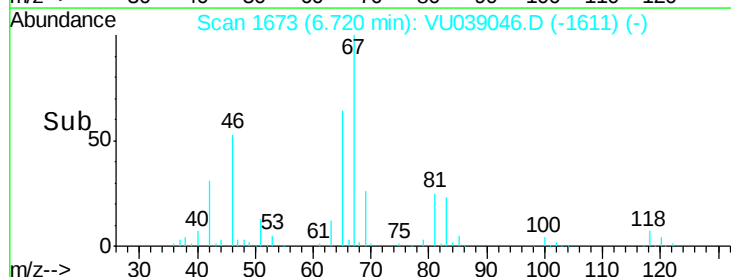
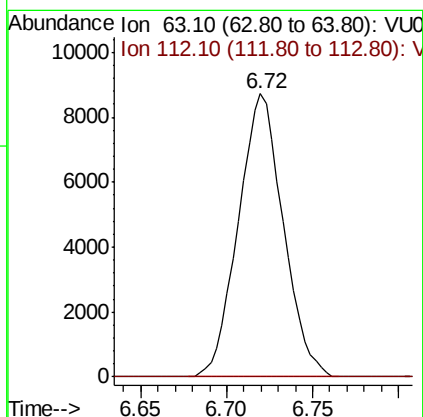
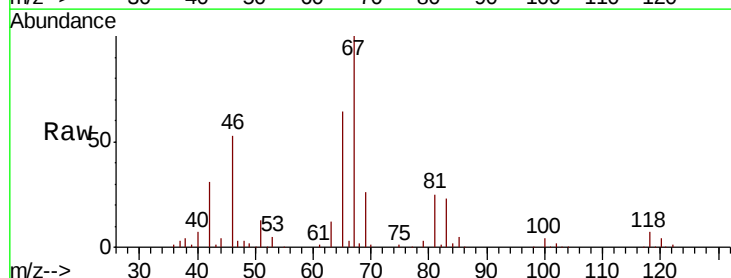
Instrument :
MSVOA_U
ClientSampleId :
BFXJ1DL

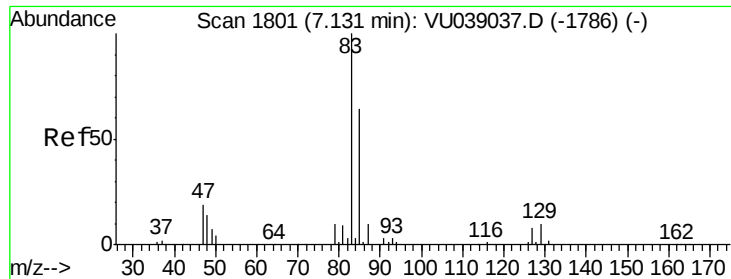
Tot Ion: 83 Resp: 32383
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 1.5 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039046.D
Acq: 23 Jun 2020 17:44

Tgt Ion: 63 Resp: 15774
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#38

Bromodichloromethane

Concen: 0.136 ug/L

RT: 6.94 min Scan# 1742

Delta R.T. -0.19 min

Lab File: VU039046.D

Acq: 23 Jun 2020 17:44

Instrument :

MSVOA_U

ClientSampled :

BFXJ1DL

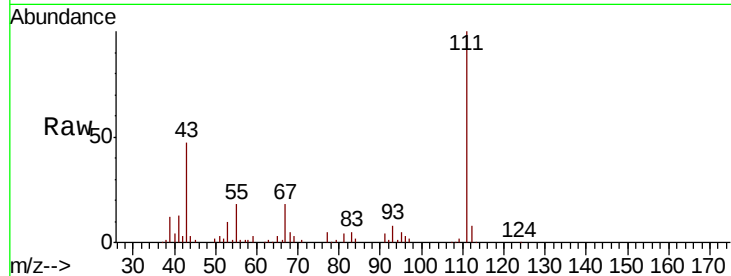
Tot Ion: 83 Resp: 3933

Ion Ratio Lower Upper

83 100

85 0.0 44.9 83.3#

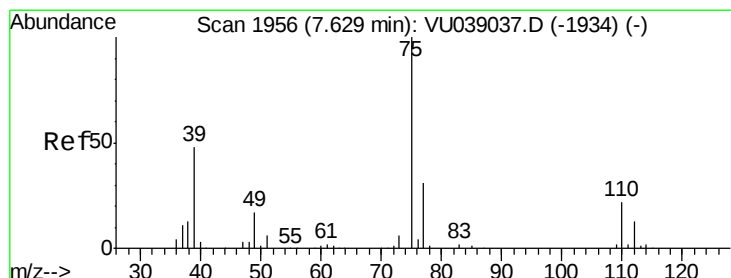
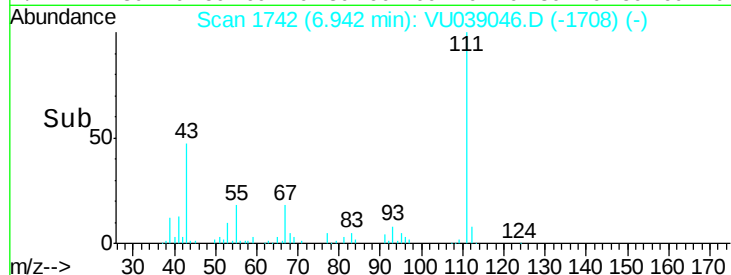
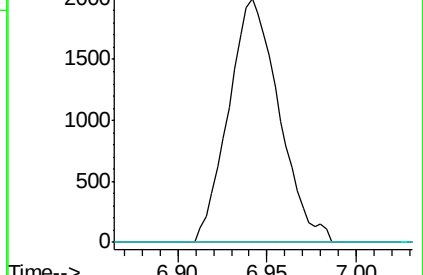
127 0.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): V



#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU039046.D

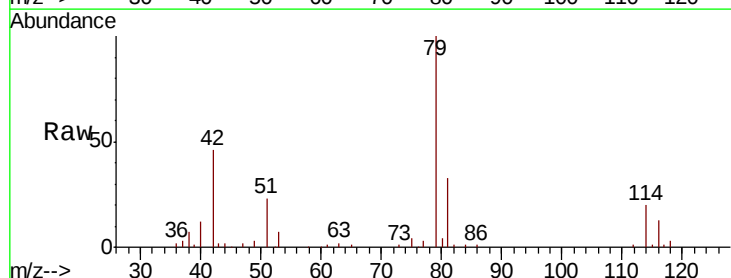
Acq: 23 Jun 2020 17:44

Tgt Ion: 75 Resp: 3803

Ion Ratio Lower Upper

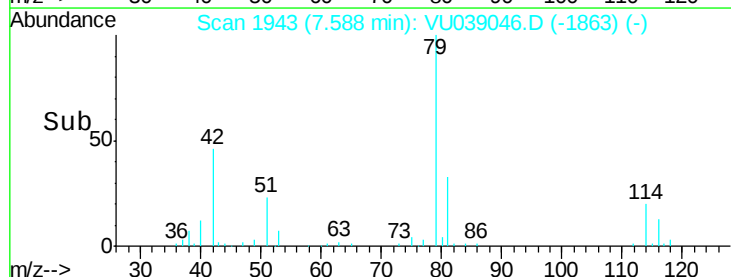
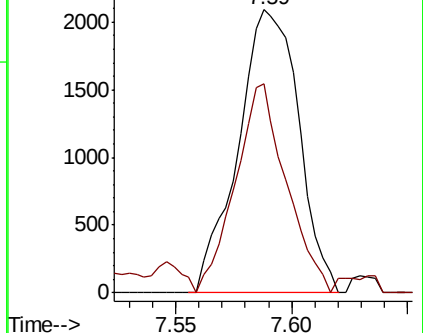
75 100

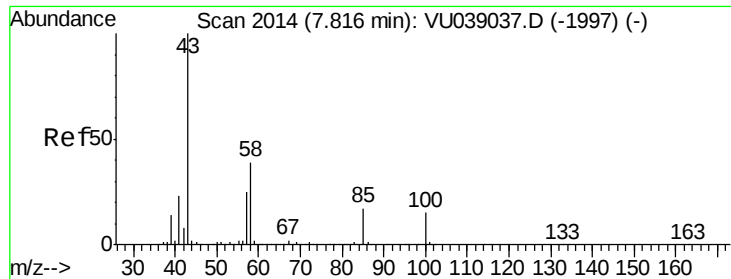
77 74.1 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

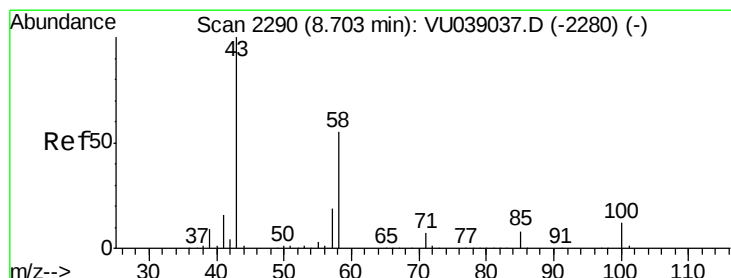
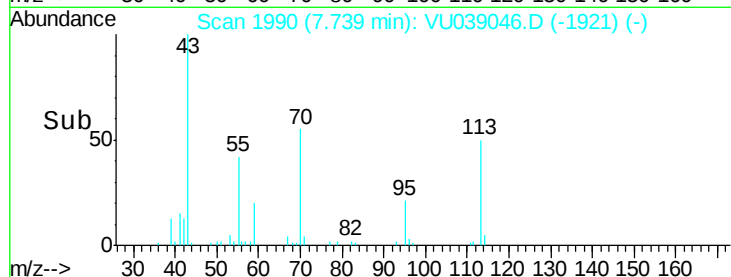
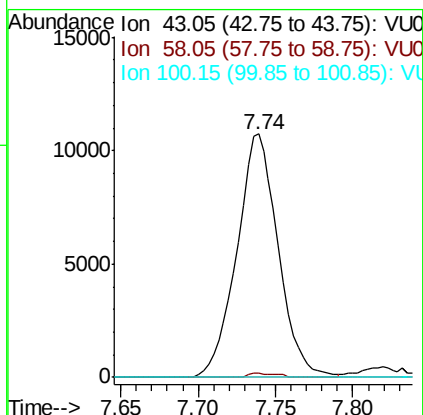
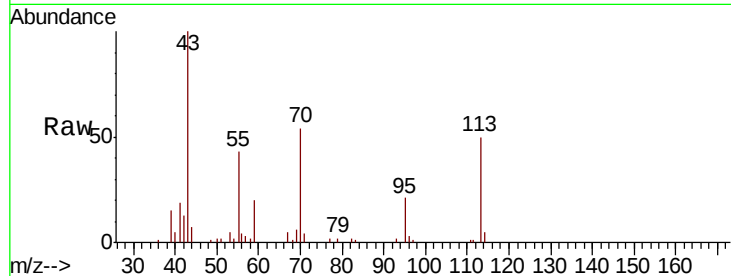




#40
4-Methyl-2-pentanone
Concen: 1.149 ug/L
RT: 7.74 min Scan# 1990
Delta R.T. -0.08 min
Lab File: VU039046.D
Acq: 23 Jun 2020 17:44

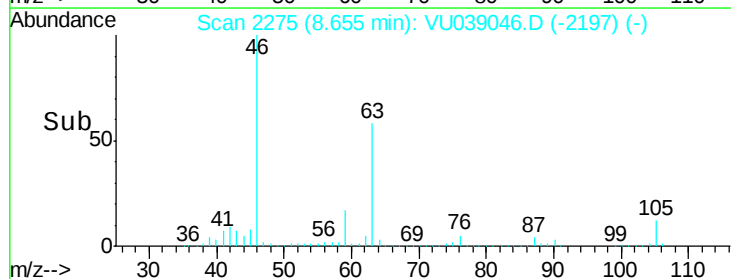
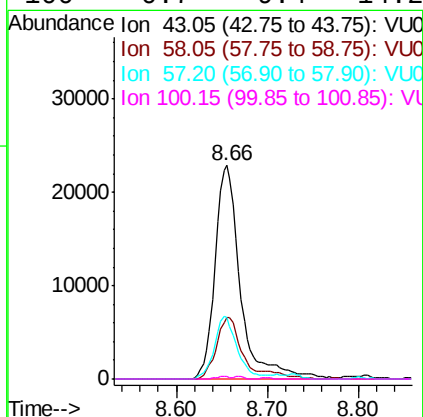
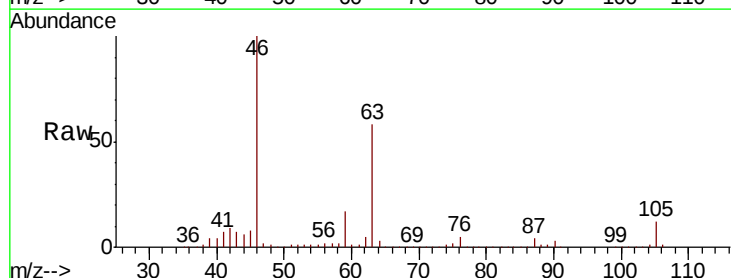
Instrument :
MSVOA_U
ClientSampleId :
BFXJ1DL

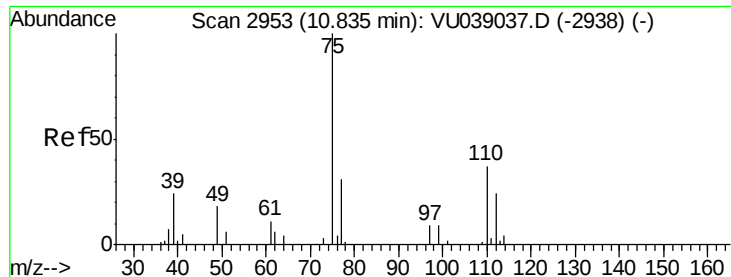
Tot Ion: 43 Resp: 19931
Ion Ratio Lower Upper
43 100
58 1.2 31.3 46.9#
100 0.0 11.6 17.4#



#48
2-Hexanone
Concen: 3.495 ug/L
RT: 8.66 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039046.D
Acq: 23 Jun 2020 17:44

Tgt Ion: 43 Resp: 44430
Ion Ratio Lower Upper
43 100
58 27.2 44.0 66.0#
57 26.2 15.0 22.6#
100 0.7 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.973 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU039046.D

Acq: 23 Jun 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

BFXJ1DL

Tot Ion: 75 Resp: 17039

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.2

