

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039048.D
 Acq On : 23 Jun 2020 18:30
 Operator : SY/MD
 Sample : L3061-08DL5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ5DL

Quant Time: Jun 24 01:15:55 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	279874	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	274542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122041	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118588	5.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.80%
7) Chloroethane-d5	1.93	69	84132	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.58	63	169709	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.67	46	434906	58.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.60%
24) Chloroform-d	5.10	84	216380	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.74	65	138754	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.76	84	445001	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
36) 1,2-Dichloropropane-d6	6.72	67	144980	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.92	98	356947	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
43) trans-1,3-Dichloropropene-	8.20	79	60813	5.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.40%
46) 2-Hexanone-d5	8.66	63	356532	62.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	133160	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	137265	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

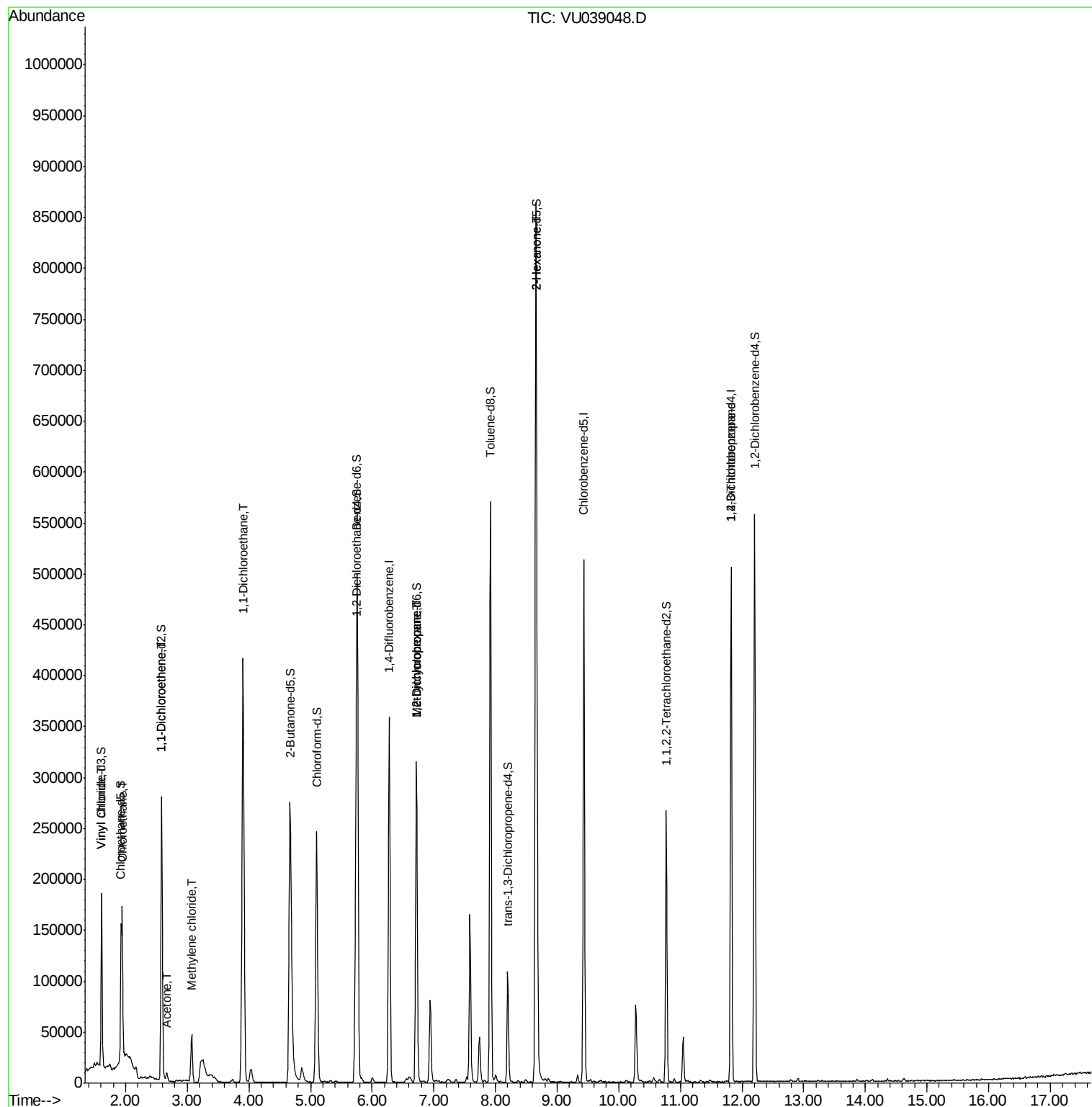
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	6879	0.253	ug/L #	51
8) Chloroethane	1.94	64	77926	4.756	ug/L	98
12) 1,1-Dichloroethene	2.59	96	1999	0.103	ug/L #	1
13) Acetone	2.67	43	4286	0.853	ug/L	76
16) Methylene chloride	3.07	84	20193	0.844	ug/L	94
19) 1,1-Dichloroethane	3.91	63	479605	11.632	ug/L	100
35) Methylcyclohexane	6.72	83	33708	1.089	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	16421	0.703	ug/L #	29
48) 2-Hexanone	8.66	43	46455	3.633	ug/L #	71
59) 1,2,3-Trichloropropane	11.82	75	17585	0.998	ug/L	91

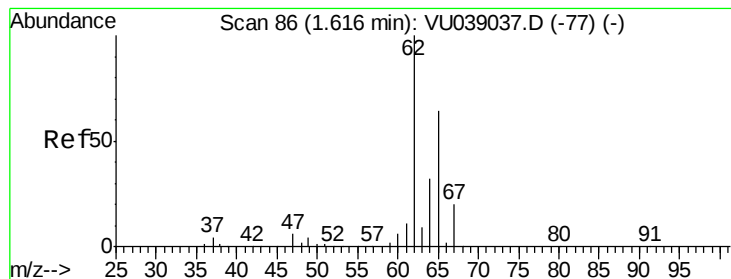
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.253 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU039048.D

Acq: 23 Jun 2020 18:30

Instrument :

MSVOA_U

ClientSampleID :

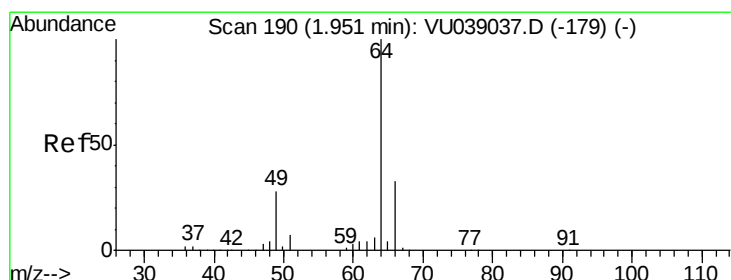
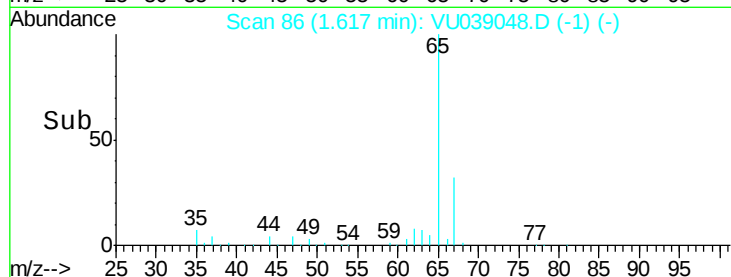
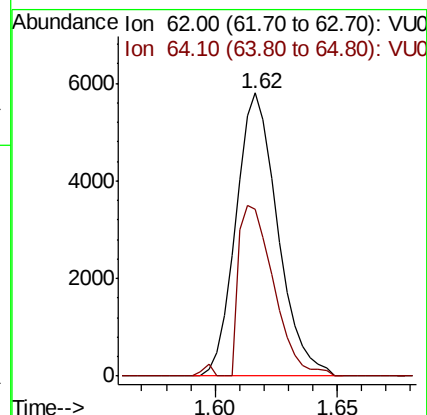
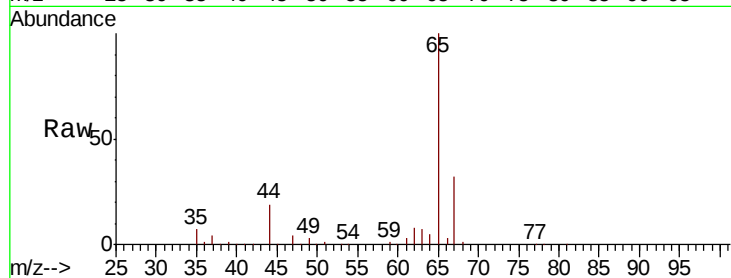
BFXJ5DL

Tot Ion: 62 Resp: 6879

Ion Ratio Lower Upper

62 100

64 59.1 22.4 41.6#



#8

Chloroethane

Concen: 4.756 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.01 min

Lab File: VU039048.D

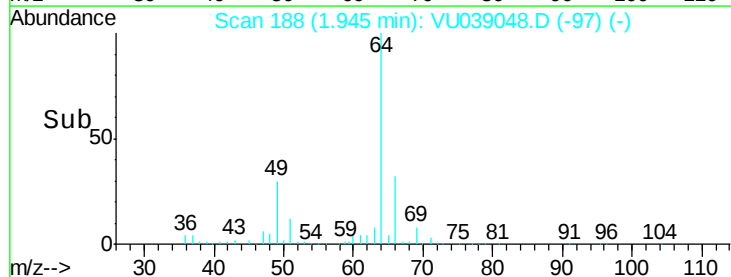
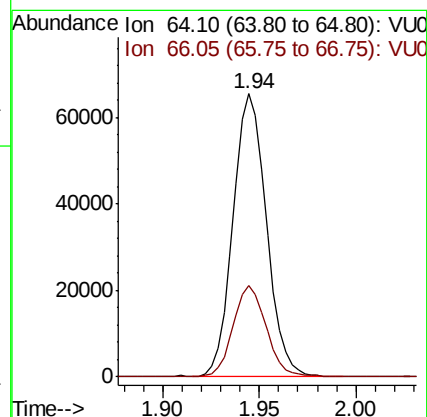
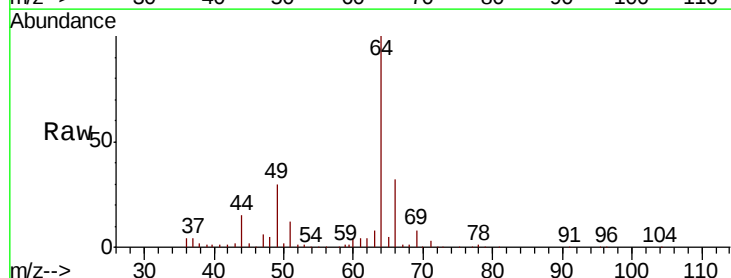
Acq: 23 Jun 2020 18:30

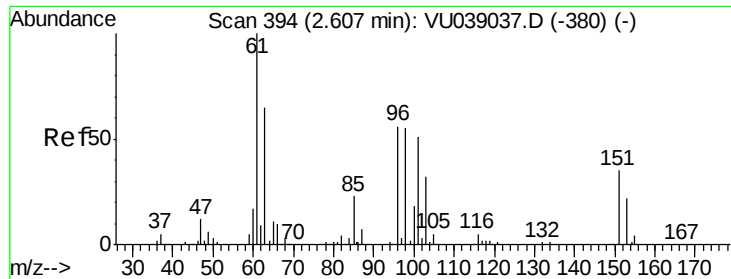
Tgt Ion: 64 Resp: 77926

Ion Ratio Lower Upper

64 100

66 32.2 23.4 43.4





#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU039048.D

Acq: 23 Jun 2020 18:30

Instrument :

MSVOA_U

ClientSampled :

BFXJ5DL

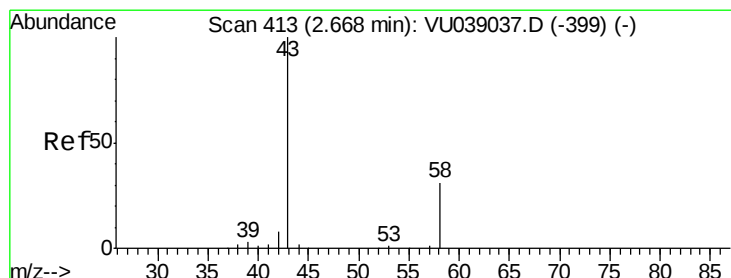
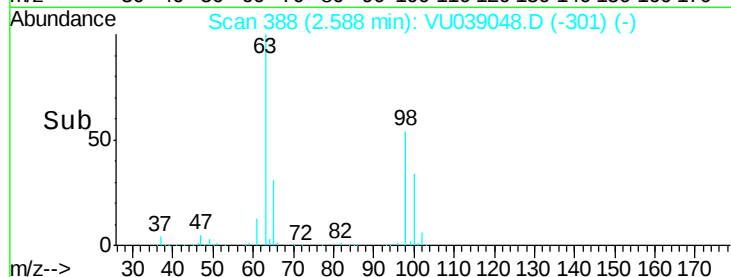
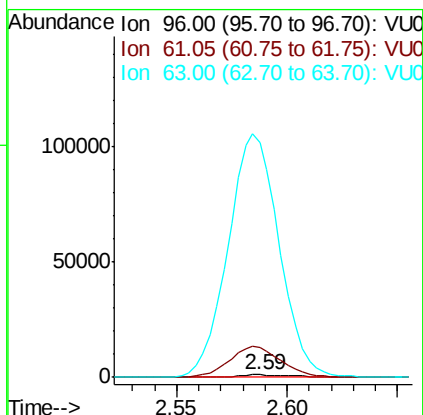
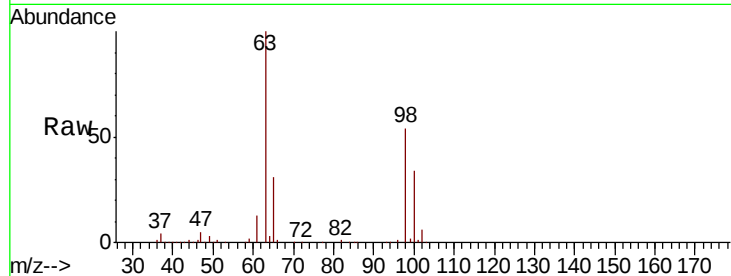
Tot Ion: 96 Resp: 1999

Ion Ratio Lower Upper

96 100

61 1256.1 125.1 232.3#

63 9921.9 82.3 152.8#



#13

Acetone

Concen: 0.853 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU039048.D

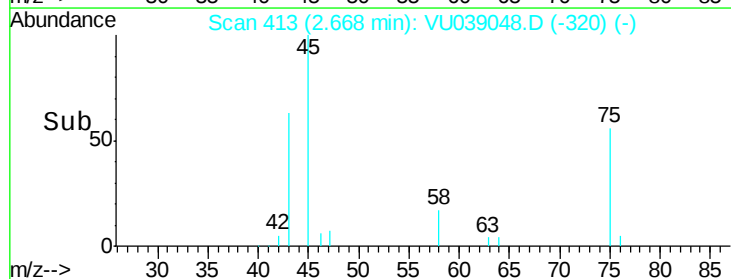
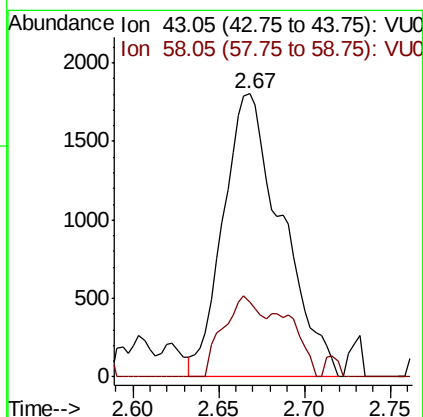
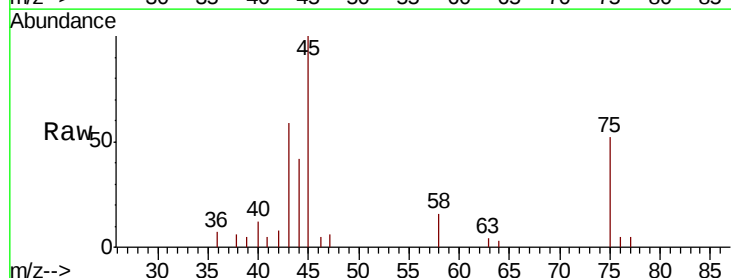
Acq: 23 Jun 2020 18:30

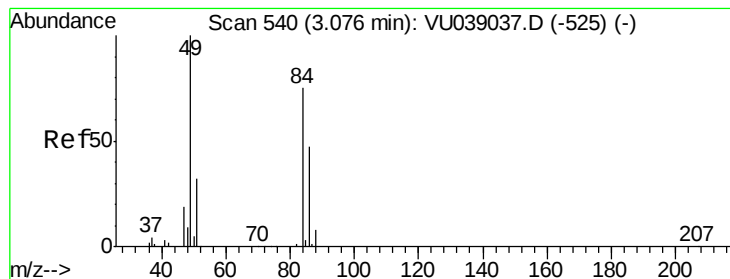
Tgt Ion: 43 Resp: 4286

Ion Ratio Lower Upper

43 100

58 18.8 0.0 64.4





#16

Methvlene chloride

Concen: 0.844 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU039048.D

Acq: 23 Jun 2020 18:30

Instrument :

MSVOA_U

ClientSampleId :

BFXJ5DL

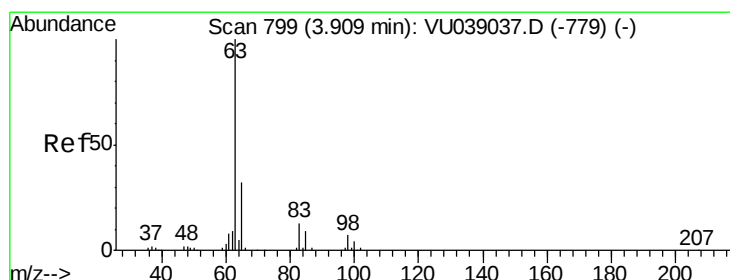
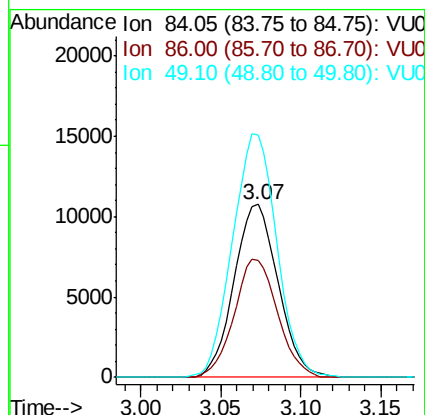
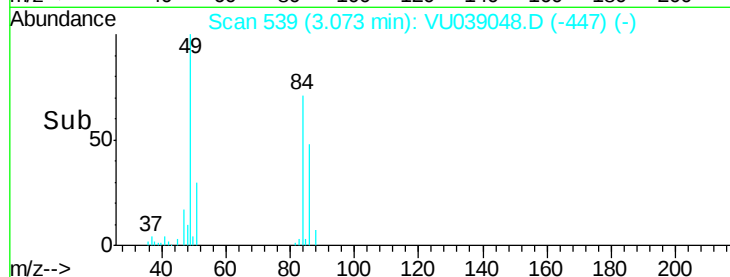
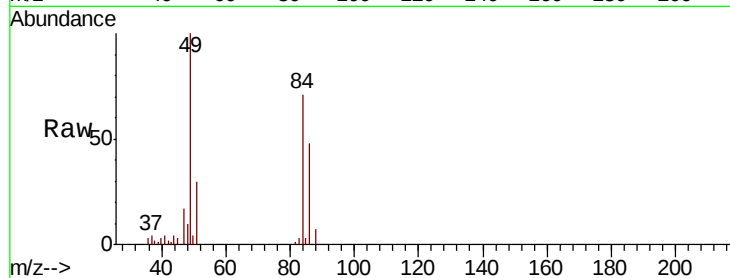
Tot Ion: 84 Resp: 20193

Ion Ratio Lower Upper

84 100

86 67.7 44.1 81.9

49 140.4 93.1 172.9



#19

1,1-Dichloroethane

Concen: 11.632 ug/L

RT: 3.91 min Scan# 798

Delta R.T. -0.00 min

Lab File: VU039048.D

Acq: 23 Jun 2020 18:30

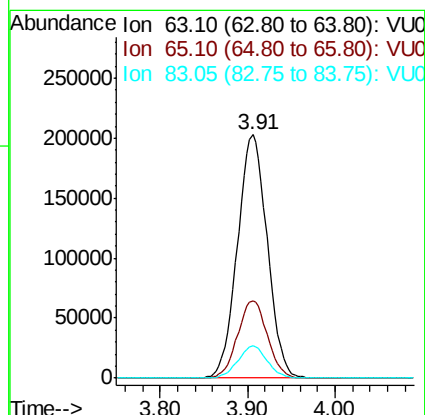
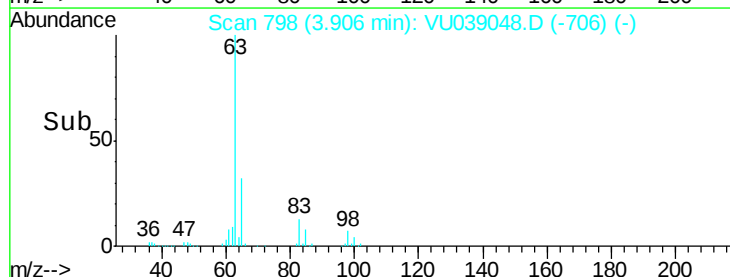
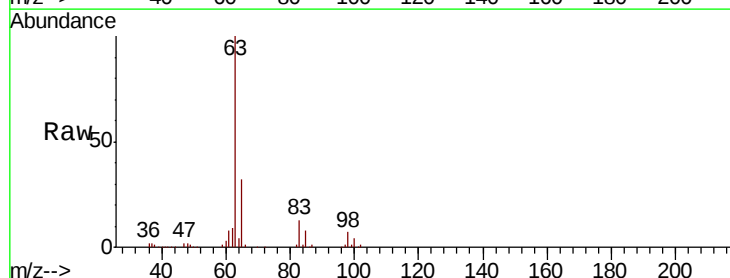
Tgt Ion: 63 Resp: 479605

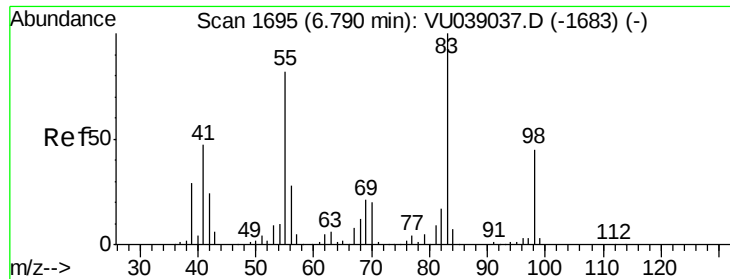
Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 13.1 9.3 17.3

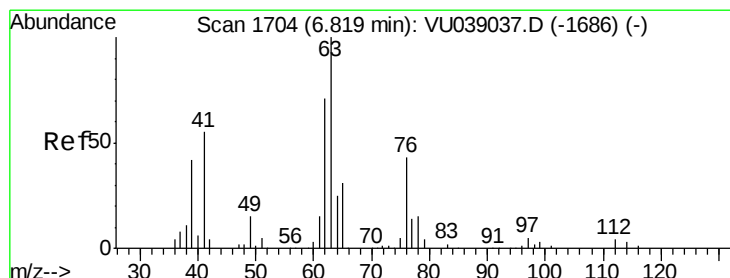
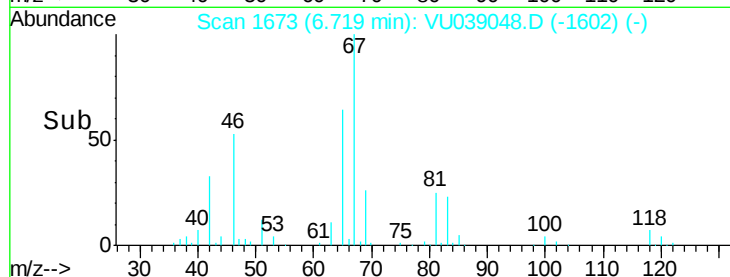
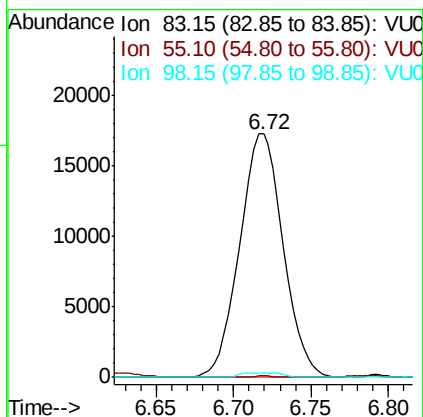
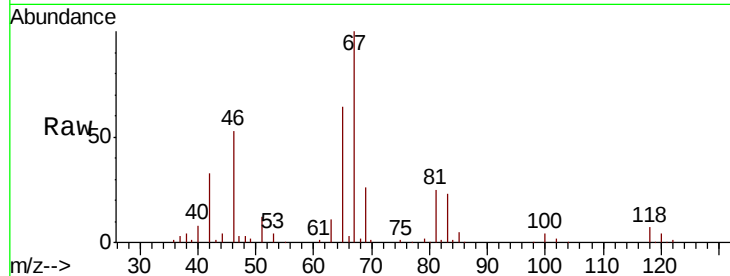




#35
Methvlcvclohexane
Concen: 1.089 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039048.D
Acq: 23 Jun 2020 18:30

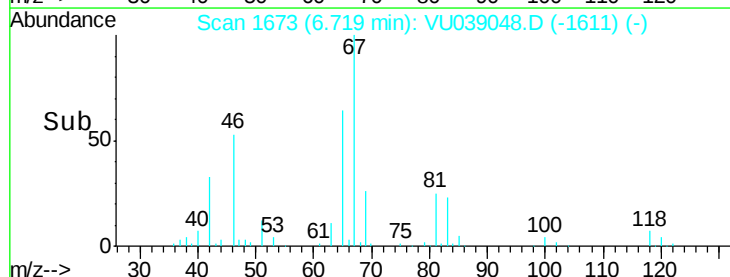
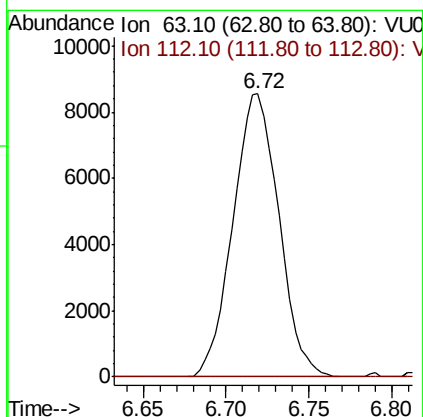
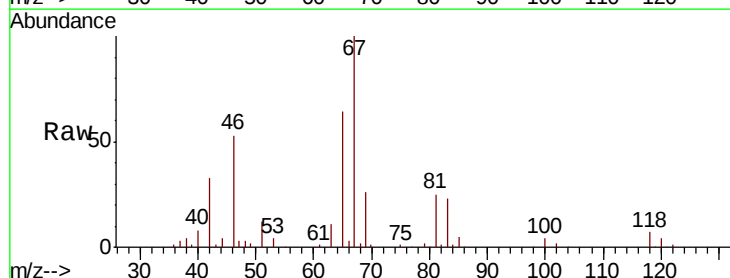
Instrument :
MSVOA_U
ClientSampleId :
BFXJ5DL

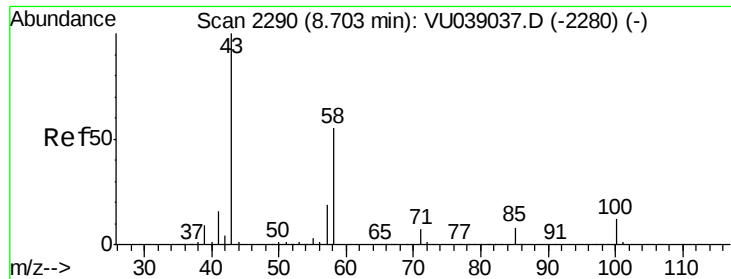
Tot Ion: 83 Resp: 33708
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 1.1 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039048.D
Acq: 23 Jun 2020 18:30

Tgt Ion: 63 Resp: 16421
Ion Ratio Lower Upper
63 100
112 27.7 3.4 5.2#

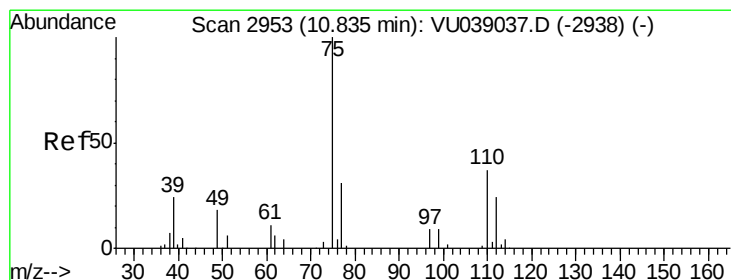
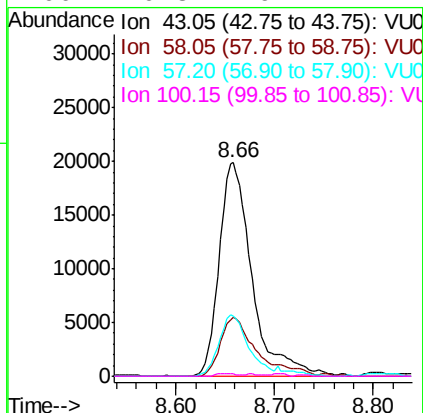
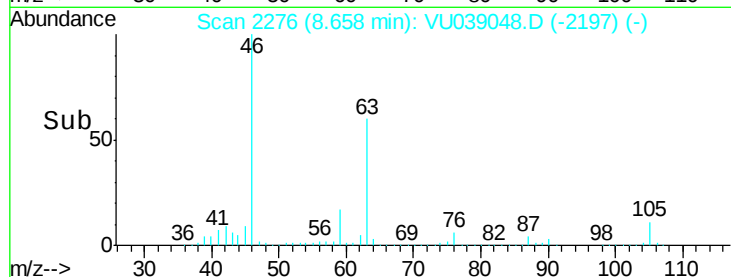
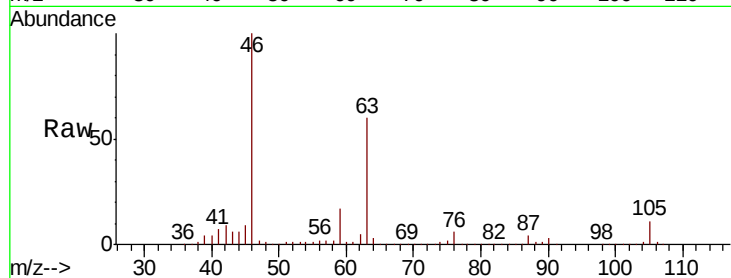




#48
 2-Hexanone
 Concen: 3.633 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.04 min
 Lab File: VU039048.D
 Acq: 23 Jun 2020 18:30

Instrument :
 MSVOA_U
 ClientSampled :
 BFXJ5DL

Tot Ion: 43 Resp: 46455
 Ion Ratio Lower Upper
 43 100
 58 30.2 44.0 66.0#
 57 25.8 15.0 22.6#
 100 0.8 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.998 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.99 min
 Lab File: VU039048.D
 Acq: 23 Jun 2020 18:30

Tgt Ion: 75 Resp: 17585
 Ion Ratio Lower Upper
 75 100
 77 37.8 26.2 39.2

