

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072420\
 Data File : VU039660.D
 Acq On : 24 Jul 2020 13:59
 Operator : SY/MD
 Sample : L3388-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:49:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	133555	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127048	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59119	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	61269	70.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	140.94%#
7) Chloroethane-d5	1.92	69	60538	58.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.58	63	99511	54.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.14%
21) 2-Butanone-d5	4.65	46	128435	127.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.95%
24) Chloroform-d	5.08	84	133361	68.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	136.42%#
26) 1,2-Dichloroethane-d4	5.72	65	96049	68.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.48%#
32) Benzene-d6	5.75	84	254745	72.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	144.42%#
36) 1,2-Dichloropropane-d6	6.71	67	83028	71.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	143.54%#
41) Toluene-d8	7.91	98	228606	68.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.74%#
43) trans-1,3-Dichloropropene-	8.19	79	38699	66.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	132.56%#
47) 2-Hexanone-d5	8.64	63	80899	128.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.20%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	117366	64.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	128.14%#
64) 1,2-Dichlorobenzene-d4	12.19	152	91912	71.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	142.20%#

Target Compounds

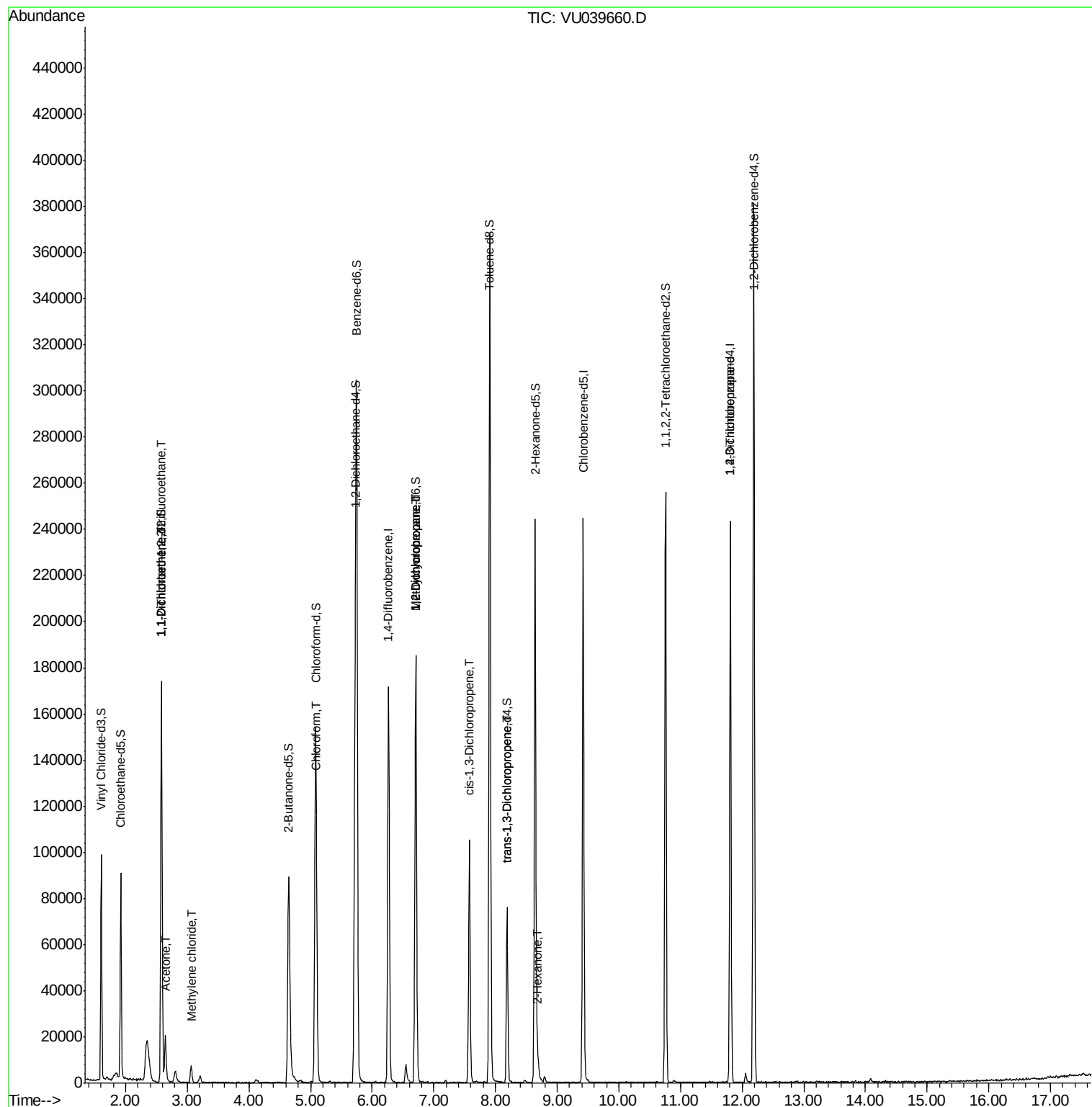
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	821	1.005	ug/L #	19
12) 1,1-Dichloroethene	2.58	96	693	0.910	ug/L #	1
13) Acetone	2.65	43	23490	35.165	ug/L	96
16) Methylene chloride	3.06	84	3427	3.756	ug/L	92
25) Chloroform	5.11	83	2437	1.328	ug/L	83
35) Methylcyclohexane	6.71	83	18794	13.124	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	9885	10.427	ug/L #	89
39) cis-1,3-Dichloropropene	7.58	75	2683	1.894	ug/L #	61
44) trans-1,3-Dichloropropene	8.19	75	2137	1.540	ug/L	90
48) 2-Hexanone	8.69	43	4036	2.999	ug/L #	91
59) 1,2,3-Trichloropropane	11.81	75	9005	6.546	ug/L #	86

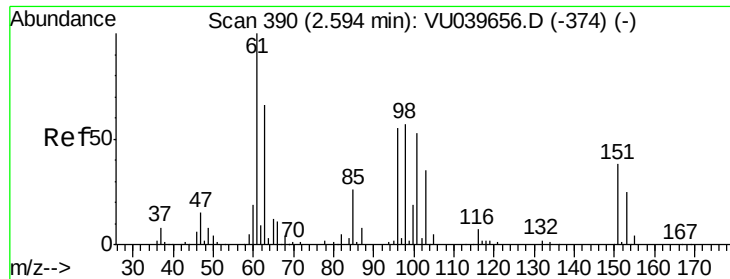
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.005 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU039660.D

Acq: 24 Jul 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

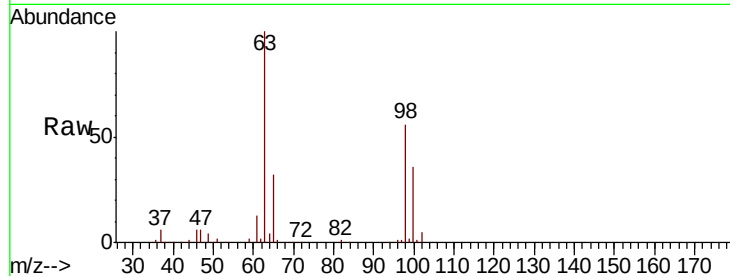
Tot Ion:101 Resp: 821

Ion Ratio Lower Upper

101 100

85 0.0 39.7 59.5#

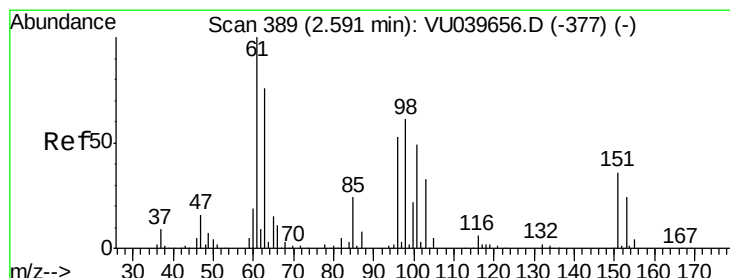
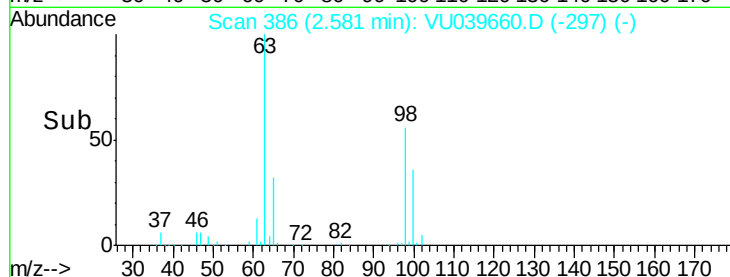
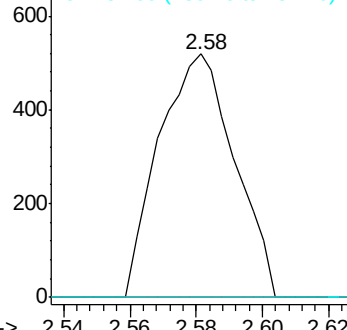
151 0.0 57.4 86.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.910 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU039660.D

Acq: 24 Jul 2020 13:59

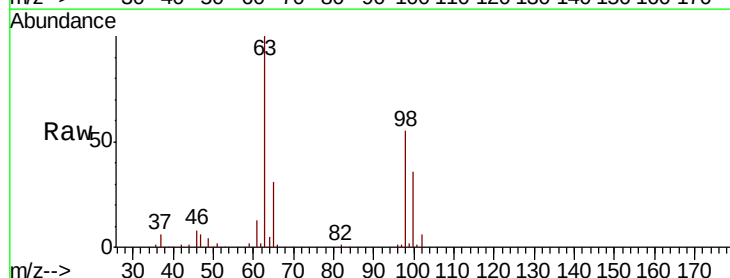
Tgt Ion: 96 Resp: 693

Ion Ratio Lower Upper

96 100

61 1648.3 136.6 253.6#

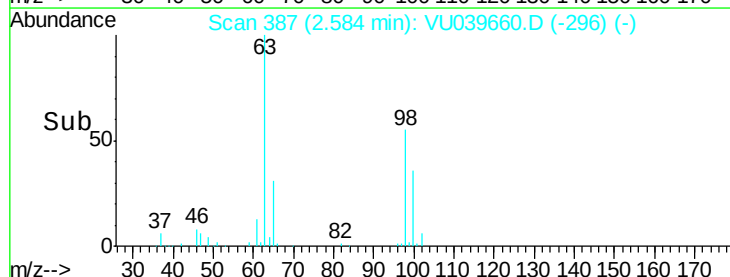
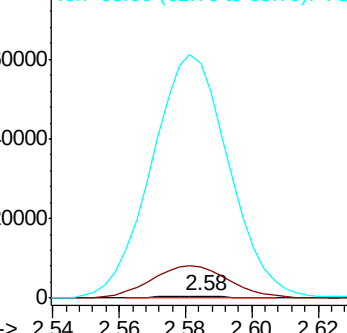
63 12356.3 97.2 180.6#

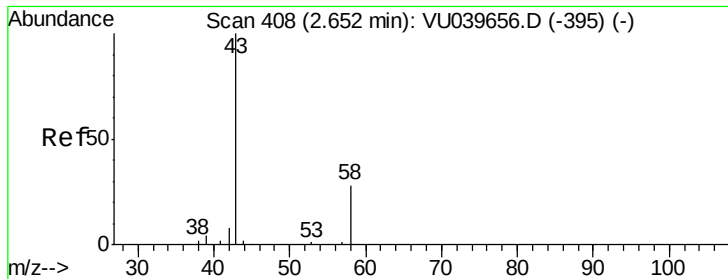


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 35.165 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.01 min

Lab File: VU039660.D

Acq: 24 Jul 2020 13:59

Instrument :

MSVOA_U

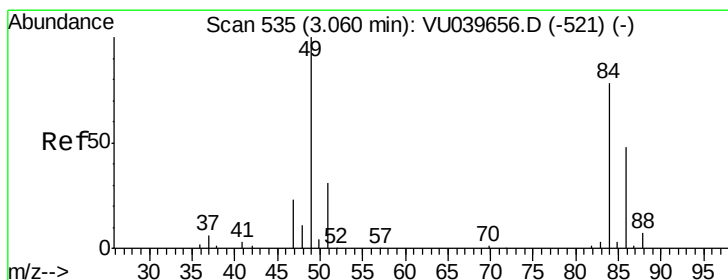
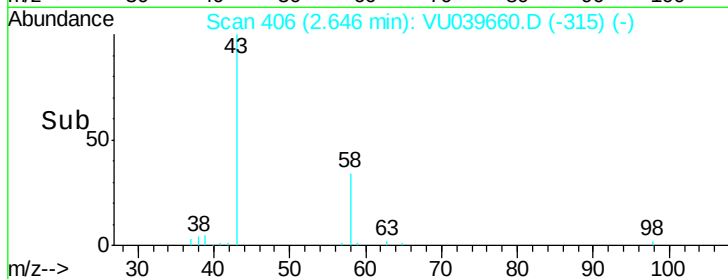
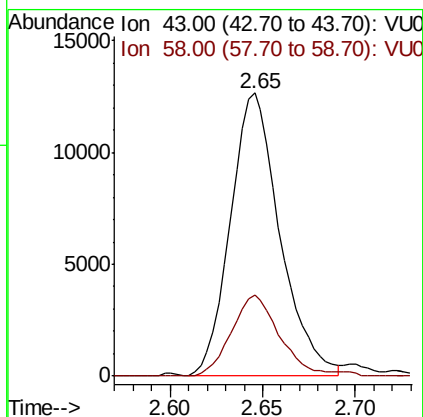
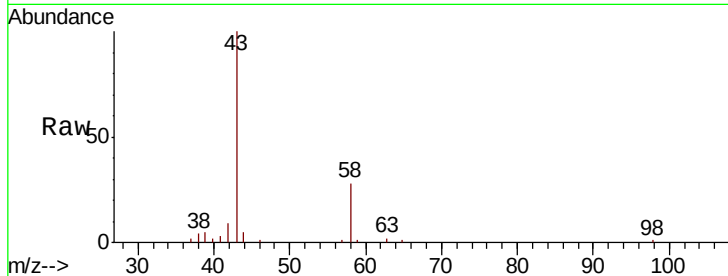
ClientSampleId :

Tot Ion: 43 Resp: 23490

Ion Ratio Lower Upper

43 100

58 27.7 0.0 59.4



#16

Methylene chloride

Concen: 3.756 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU039660.D

Acq: 24 Jul 2020 13:59

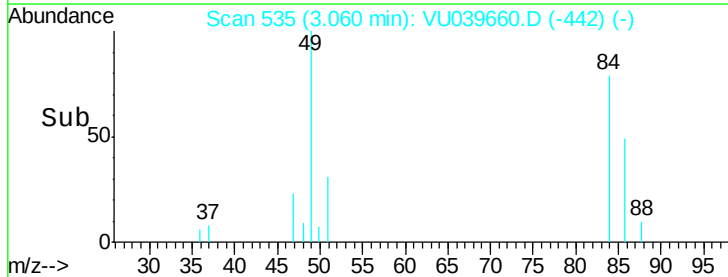
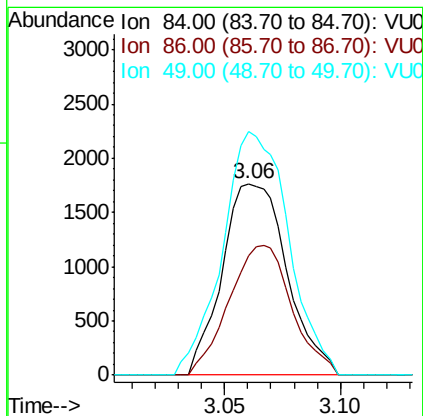
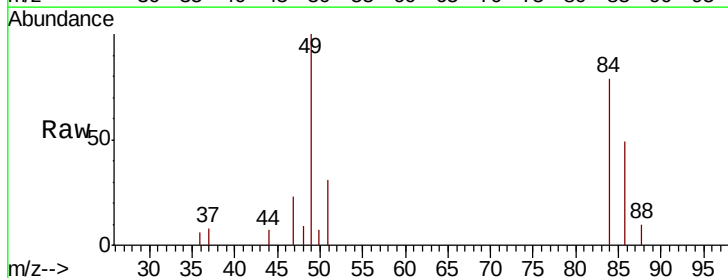
Tgt Ion: 84 Resp: 3427

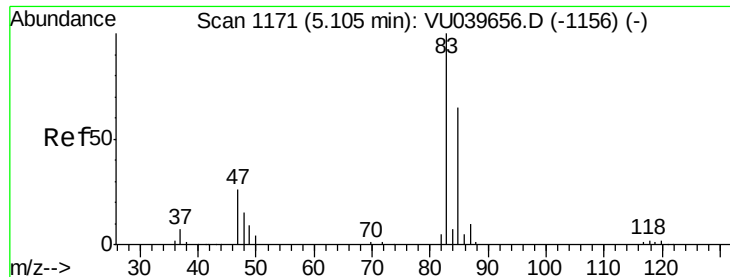
Ion Ratio Lower Upper

84 100

86 62.1 46.2 85.8

49 127.1 97.3 180.7

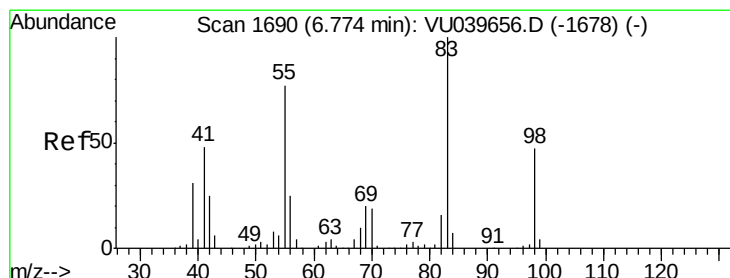
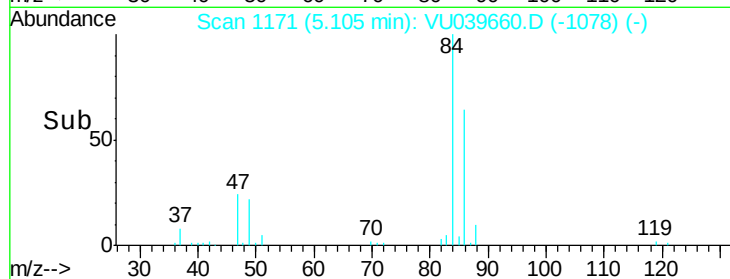
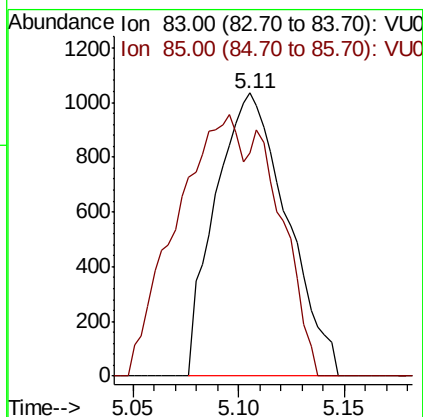
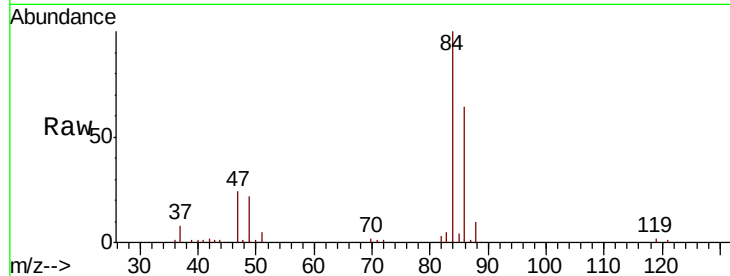




#25
Chloroform
Concen: 1.328 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039660.D
Acq: 24 Jul 2020 13:59

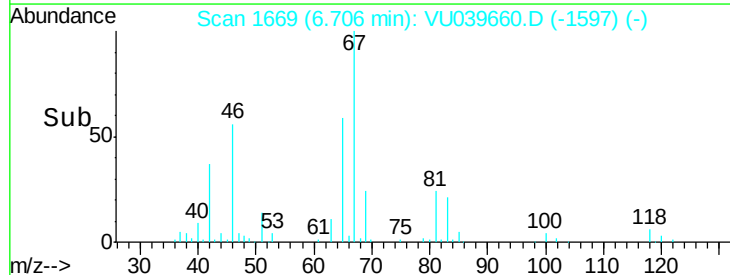
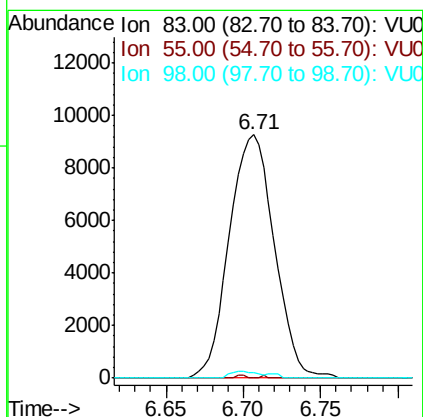
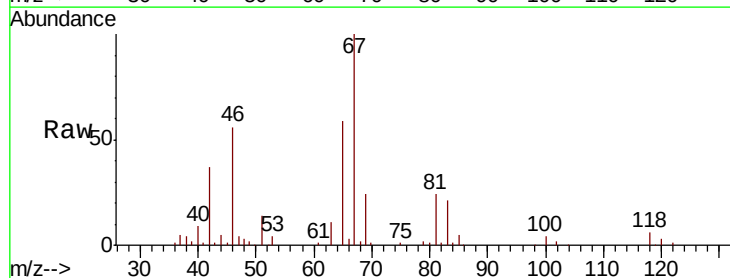
Instrument :
MSVOA_U
ClientSampled :

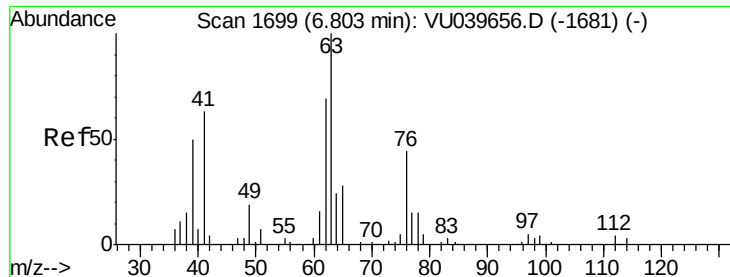
Tot Ion: 83 Resp: 2437
Ion Ratio Lower Upper
83 100
85 78.7 45.6 84.6



#35
Methylcyclohexane
Concen: 13.124 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039660.D
Acq: 24 Jul 2020 13:59

Tgt Ion: 83 Resp: 18794
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 1.6 36.3 54.5#

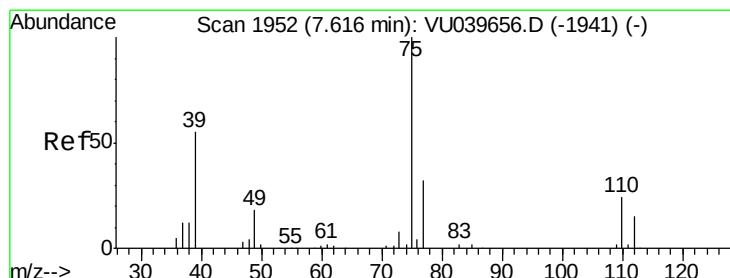
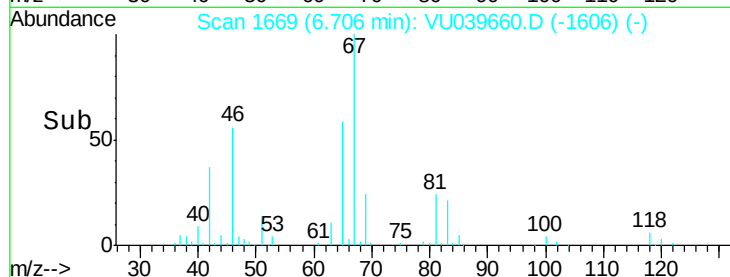
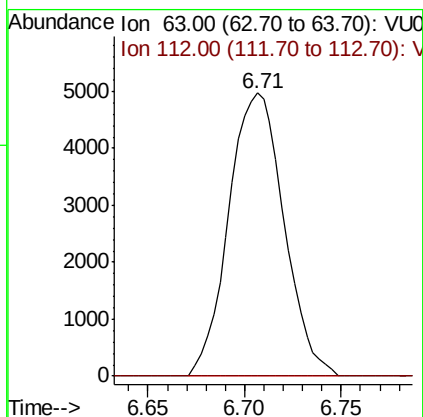
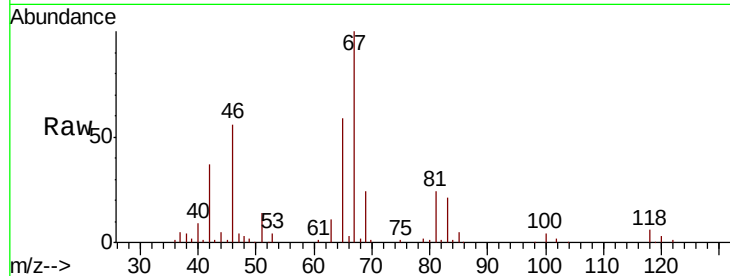




#37
 1,2-Dichloropropane
 Concen: 10.427 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039660.D
 Acq: 24 Jul 2020 13:59

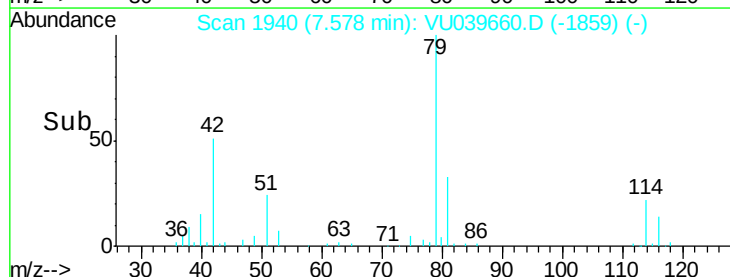
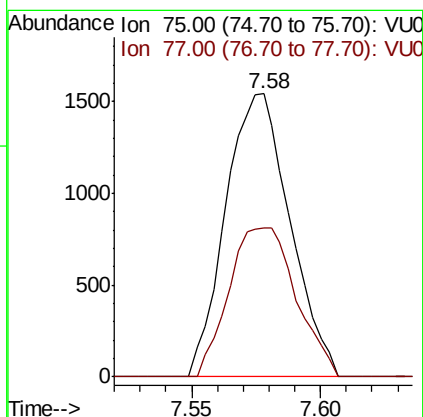
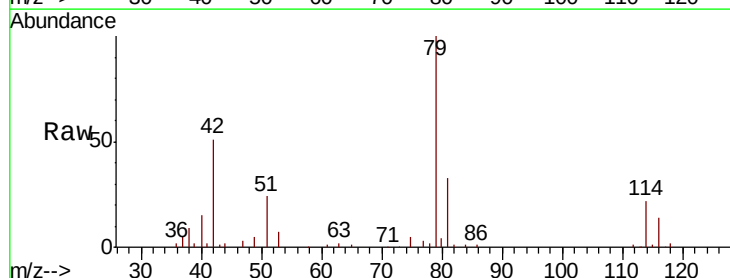
Instrument :
 MSVOA_U
 ClientSampled :

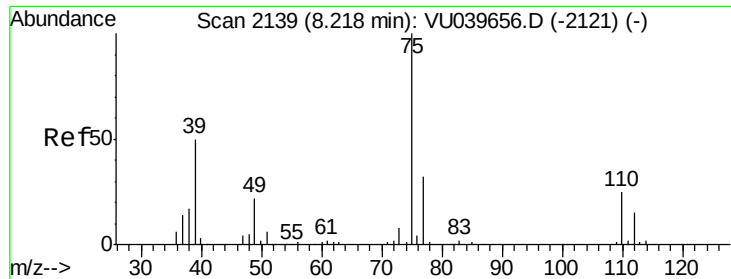
Tot Ion: 63 Resp: 9885
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 1.894 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039660.D
 Acq: 24 Jul 2020 13:59

Tgt Ion: 75 Resp: 2683
 Ion Ratio Lower Upper
 75 100
 77 52.9 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 1.540 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU039660.D

Acq: 24 Jul 2020 13:59

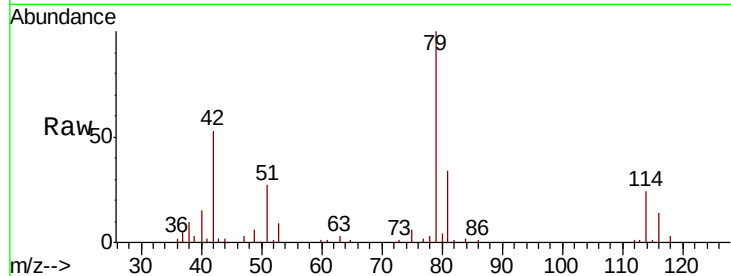
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 2137

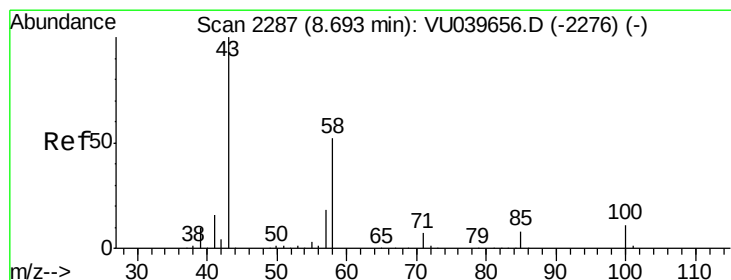
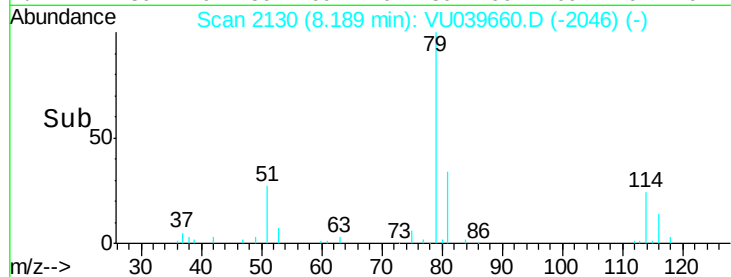
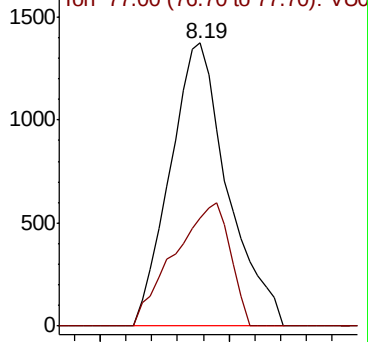
Ion Ratio Lower Upper

75 100

77 38.1 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU039660.D (-2046) (-)



#48

2-Hexanone

Concen: 2.999 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. -0.00 min

Lab File: VU039660.D

Acq: 24 Jul 2020 13:59

Tgt Ion: 43 Resp: 4036

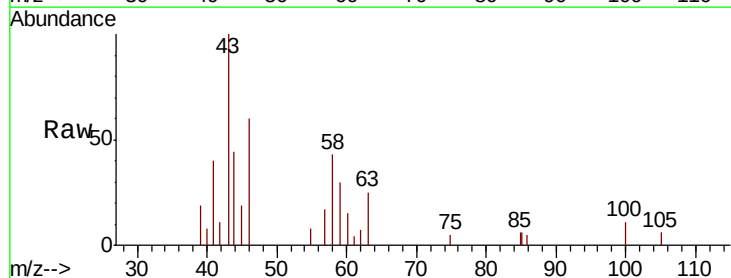
Ion Ratio Lower Upper

43 100

58 50.0 40.6 61.0

57 2.0 14.5 21.7#

100 9.7 8.0 12.0

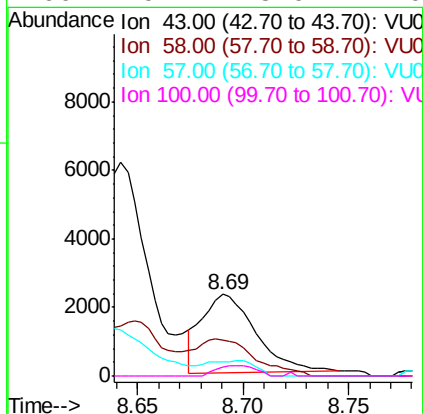
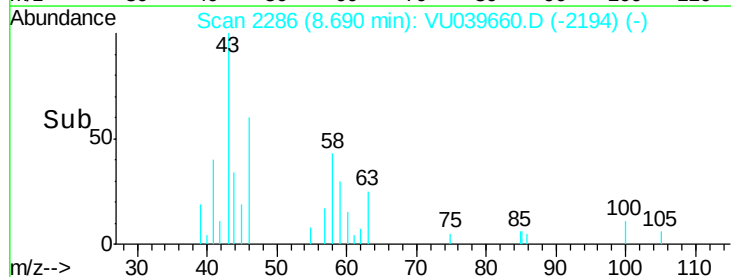


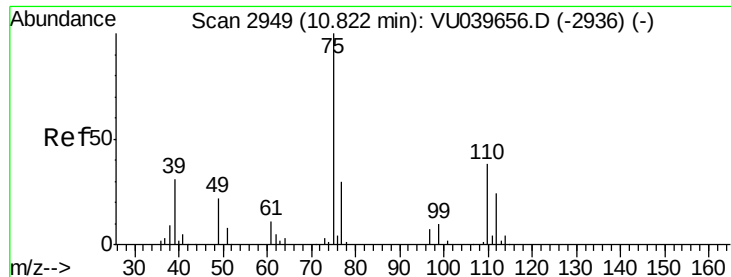
Abundance Ion 43.00 (42.70 to 43.70): VU039660.D (-2194) (-)

Ion 58.00 (57.70 to 58.70): VU039660.D (-2194) (-)

Ion 57.00 (56.70 to 57.70): VU039660.D (-2194) (-)

Ion 100.00 (99.70 to 100.70): VU039660.D (-2194) (-)





#59

1,2,3-Trichloropropane

Concen: 6.546 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039660.D

Acq: 24 Jul 2020 13:59

Instrument :

MSVOA_U

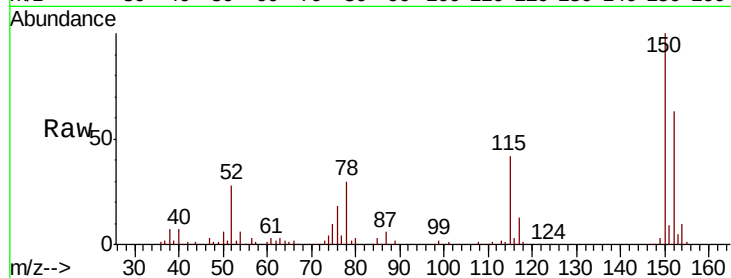
ClientSampleId :

Tot Ion: 75 Resp: 9005

Ion Ratio Lower Upper

75 100

77 39.8 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

