

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039784.D
 Acq On : 07 Aug 2020 14:04
 Operator : SY/MD
 Sample : L3572-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:33:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68057	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31300	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18057	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.92	69	18341	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.57	63	28879	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.72	46	86403	52.40	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.80%
24) Chloroform-d	5.08	84	43335	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	27283	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	74251	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	27141	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	55110	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.19	79	8733	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.65	63	67468	58.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.28%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26855	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	28782	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

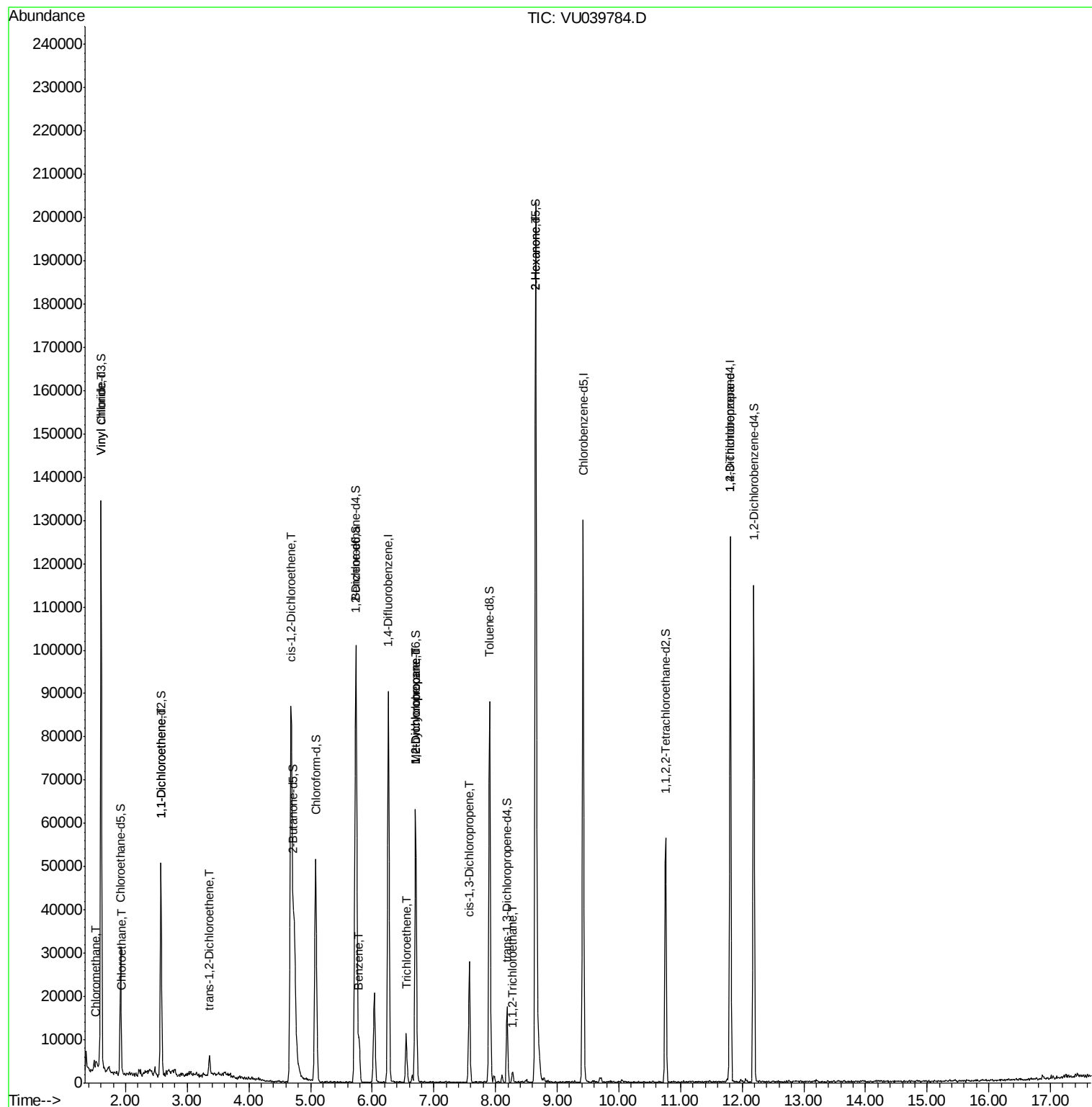
					Ovalue
3) Chloromethane	1.52	50	693	0.118 ug/L	97
5) Vinyl chloride	1.60	62	69835	12.370 ug/L	96
8) Chloroethane	1.94	64	634	0.153 ug/L	99
12) 1,1-Dichloroethene	2.57	96	271	0.065 ug/L #	1
18) trans-1,2-Dichloroethene	3.36	96	1372	0.298 ug/L	75
22) cis-1,2-Dichloroethene	4.68	96	43227	8.619 ug/L	96
33) Benzene	5.78	78	8902	0.480 ug/L	100
34) Trichloroethene	6.55	95	3280	0.681 ug/L	90
35) Methylcyclohexane	6.71	83	6414	0.834 ug/L #	20
37) 1,2-Dichloropropane	6.70	63	3212	0.652 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	717	0.107 ug/L #	59
45) 1,1,2-Trichloroethane	8.28	97	1896	0.512 ug/L #	18
48) 2-Hexanone	8.65	43	9615	3.618 ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	4721	1.329 ug/L #	88

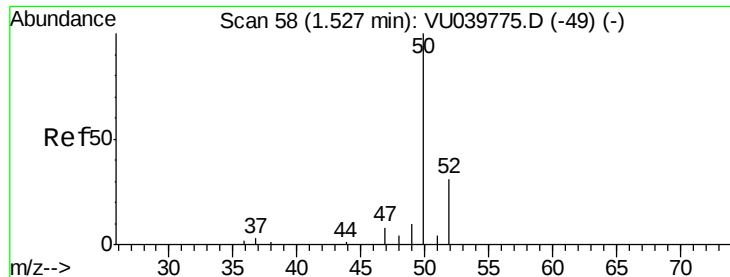
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.118 ug/L

RT: 1.52 min Scan# 56

Delta R.T. -0.01 min

Lab File: VU039784.D

Acq: 07 Aug 2020 14:04

Instrument :

MSVOA_U

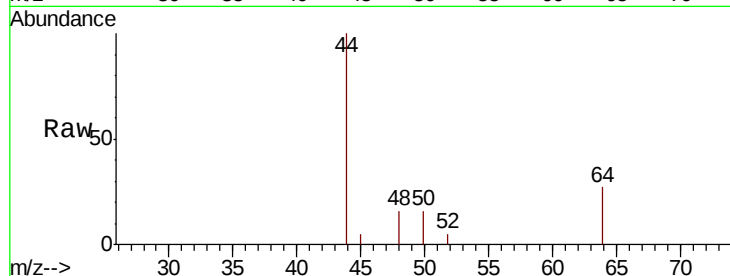
ClientSampleId :

Tot Ion: 50 Resp: 693

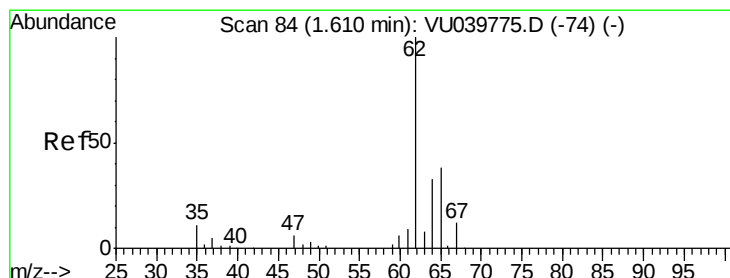
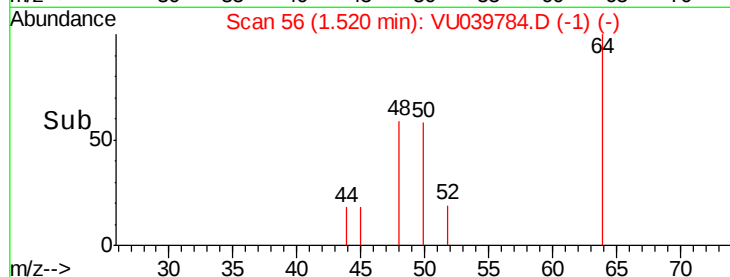
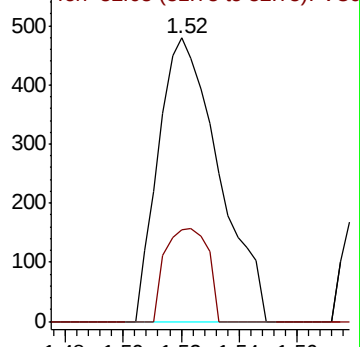
Ion Ratio Lower Upper

50 100

52 32.6 21.6 40.0



Abundance Ion 50.05 (49.75 to 50.75): VU039775.D (-49) (-)



#5

Vinyl chloride

Concen: 12.370 ug/L

RT: 1.60 min Scan# 82

Delta R.T. -0.01 min

Lab File: VU039784.D

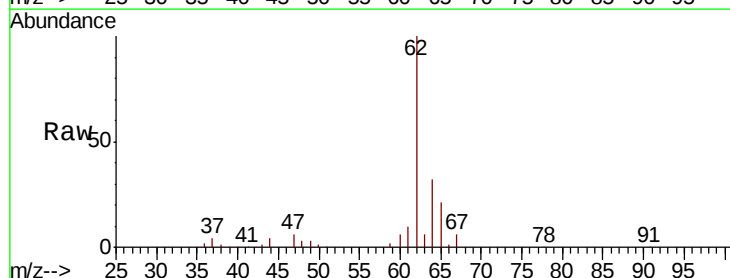
Acq: 07 Aug 2020 14:04

Tgt Ion: 62 Resp: 69835

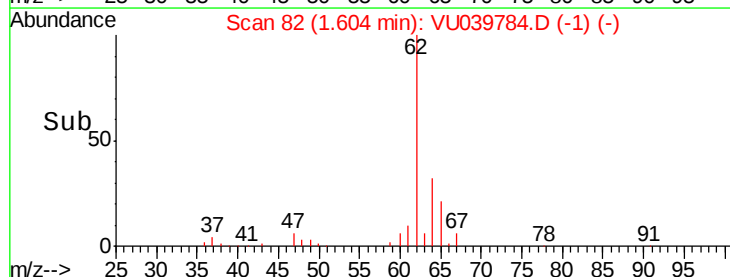
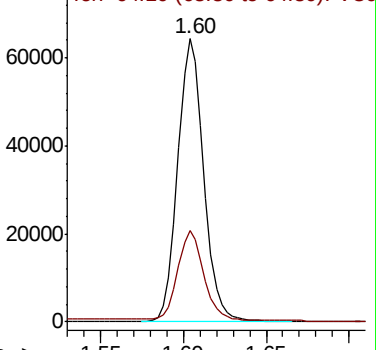
Ion Ratio Lower Upper

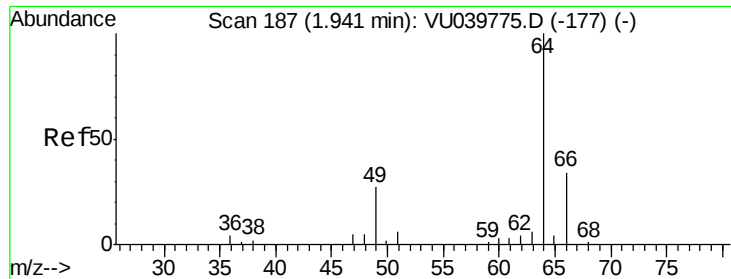
62 100

64 32.1 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039775.D (-74) (-)

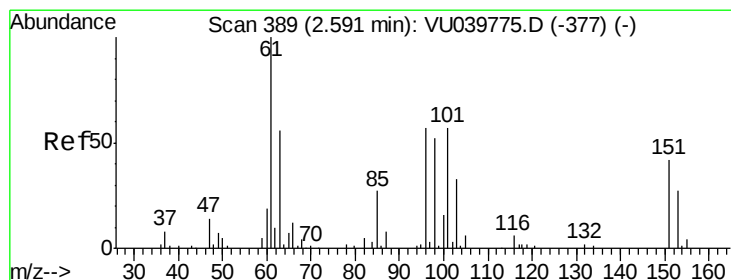
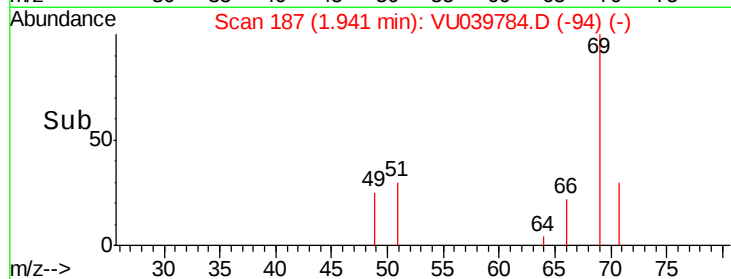
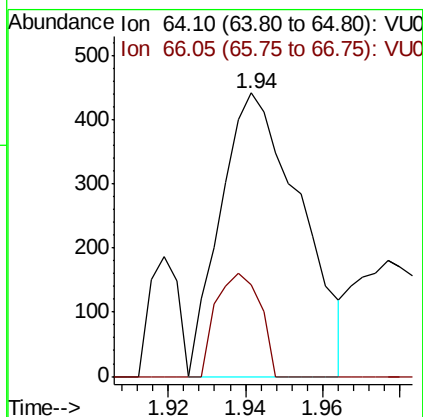
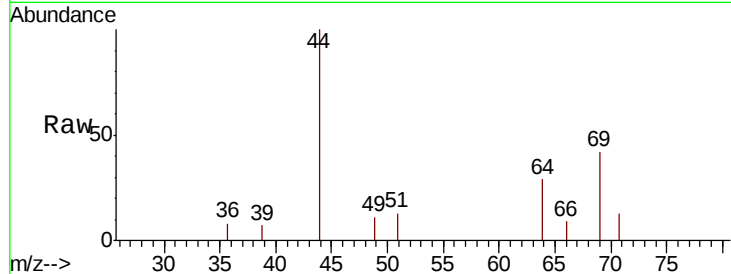




#8
 Chloroethane
 Concen: 0.153 ug/L
 RT: 1.94 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VU039784.D
 Acq: 07 Aug 2020 14:04

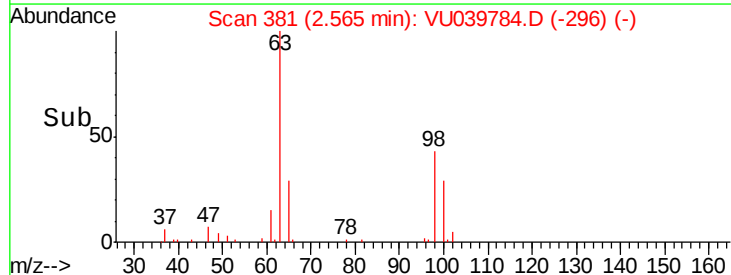
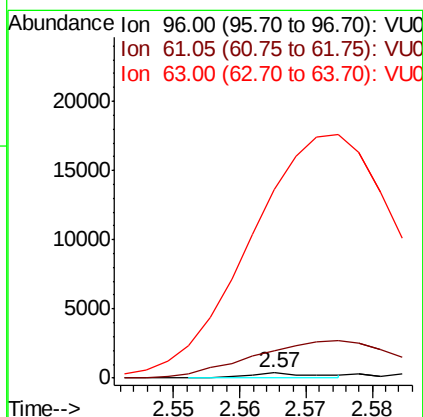
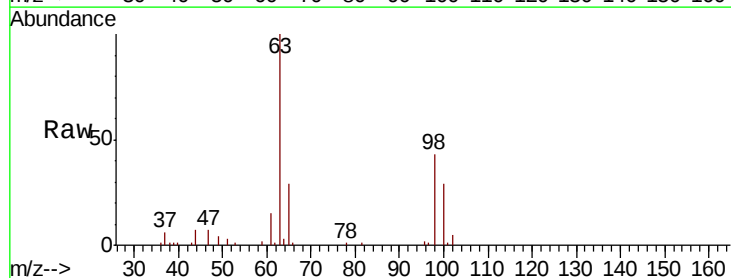
Instrument :
 MSVOA_U
 ClientSampled :

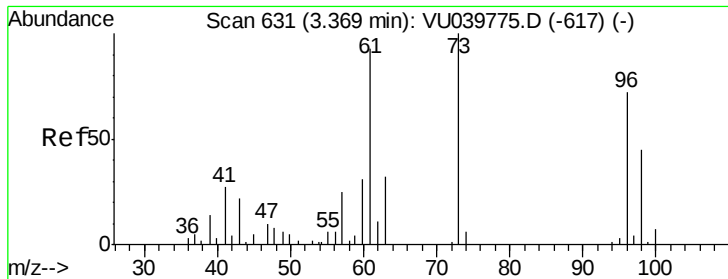
Tot Ion: 64 Resp: 634
 Ion Ratio Lower Upper
 64 100
 66 32.4 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 0.065 ug/L
 RT: 2.57 min Scan# 381
 Delta R.T. -0.03 min
 Lab File: VU039784.D
 Acq: 07 Aug 2020 14:04

Tgt Ion: 96 Resp: 271
 Ion Ratio Lower Upper
 96 100
 61 551.5 121.7 225.9#
 63 3751.2 82.1 152.5#

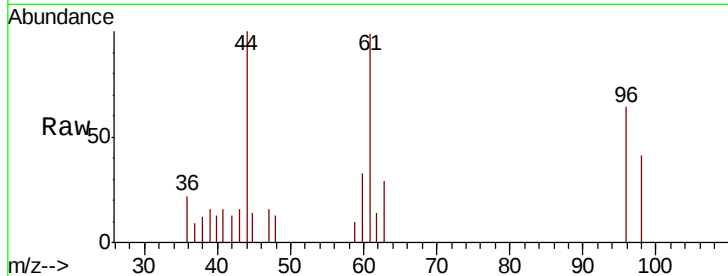




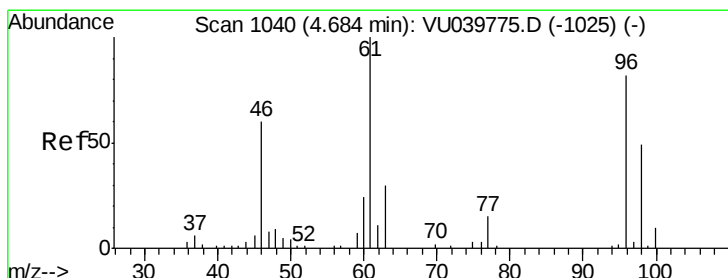
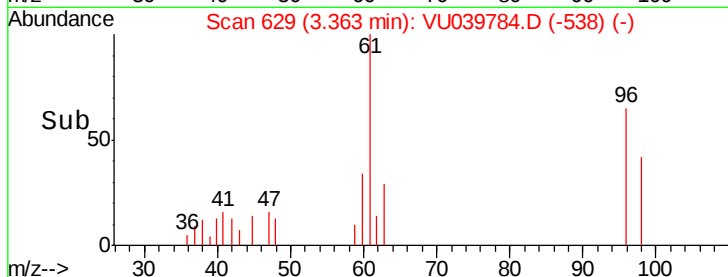
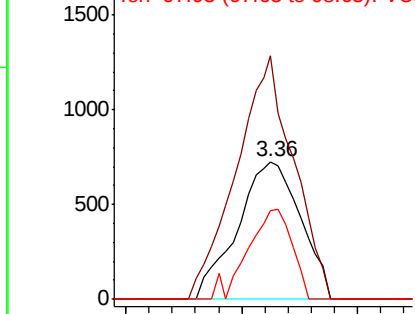
#18
 trans-1,2-Dichloroethene
 Concen: 0.298 ug/L
 RT: 3.36 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: VU039784.D
 Acq: 07 Aug 2020 14:04

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 1372
 Ion Ratio Lower Upper
 96 100
 61 177.0 96.5 179.1
 98 64.6 40.9 76.0

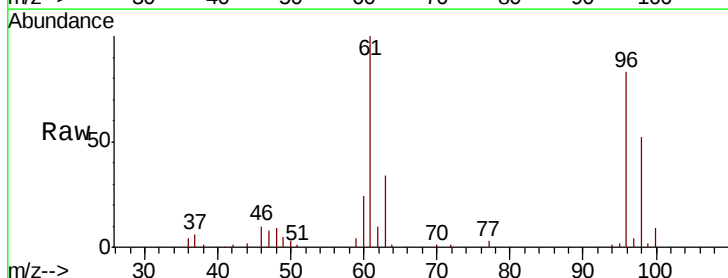


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0

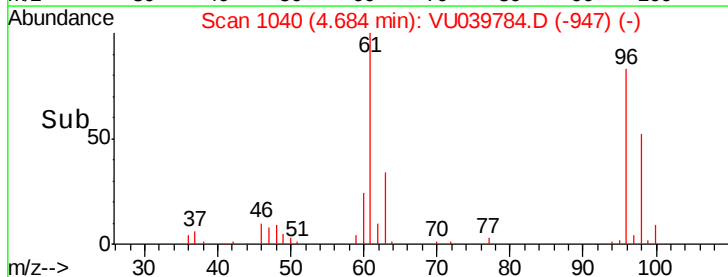
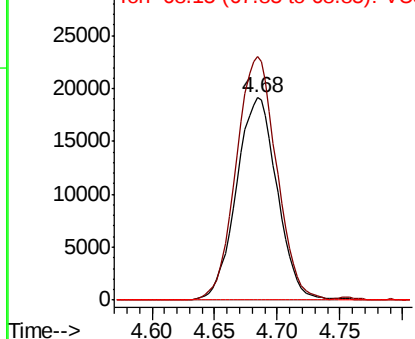


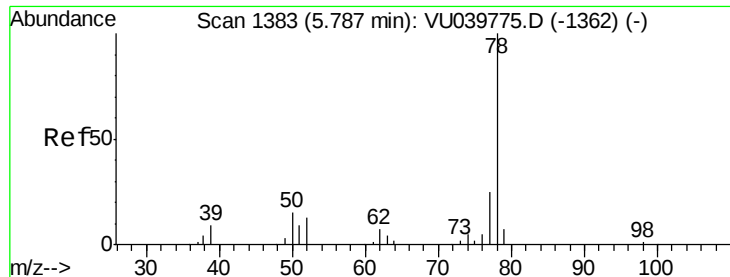
#22
 cis-1,2-Dichloroethene
 Concen: 8.619 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039784.D
 Acq: 07 Aug 2020 14:04

Tgt Ion: 96 Resp: 43227
 Ion Ratio Lower Upper
 96 100
 61 120.5 87.4 162.2
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

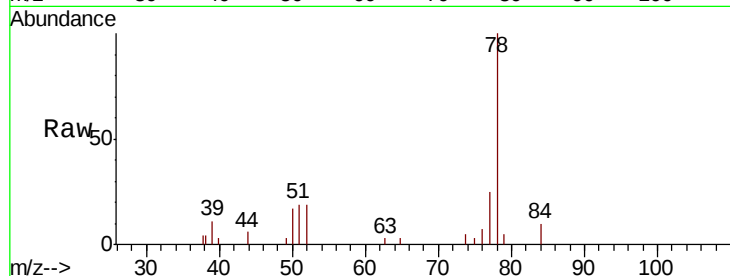




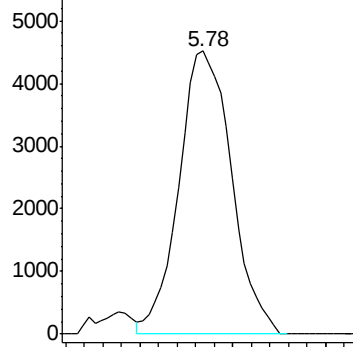
#33
Benzene
Concen: 0.480 ug/L
RT: 5.78 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VU039784.D
Acq: 07 Aug 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :

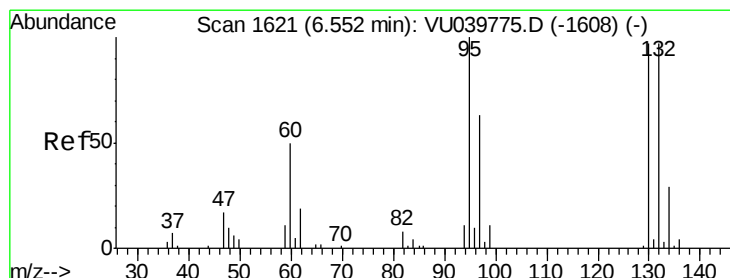
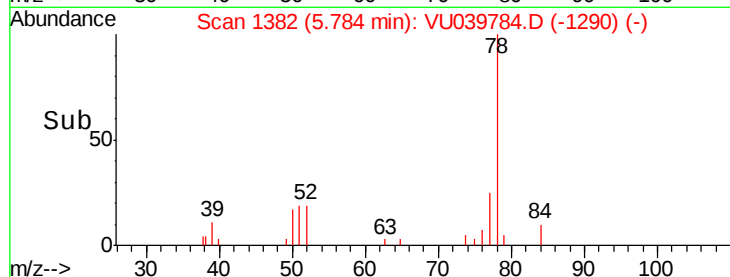
Tgt Ion: 78 Resp: 8902



Abundance Ion 78.10 (77.80 to 78.80): VU0



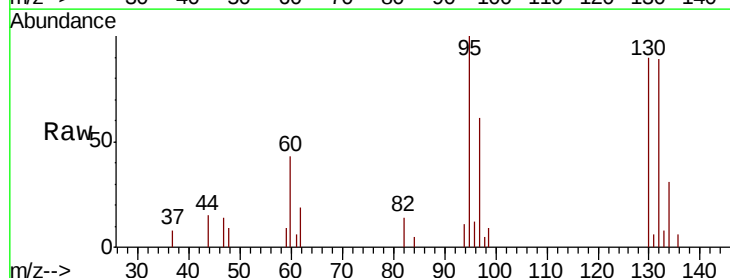
Time-->



#34
Trichloroethene
Concen: 0.681 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU039784.D
Acq: 07 Aug 2020 14:04

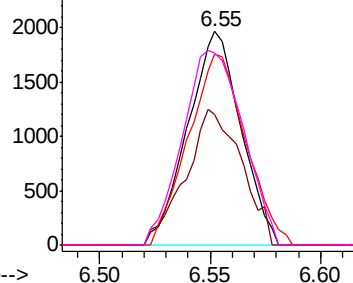
Tgt Ion: 95 Resp: 3280

Ion	Ratio	Lower	Upper
95	100		
97	60.9	44.0	81.8
132	89.3	71.7	133.3
130	90.0	71.1	132.1

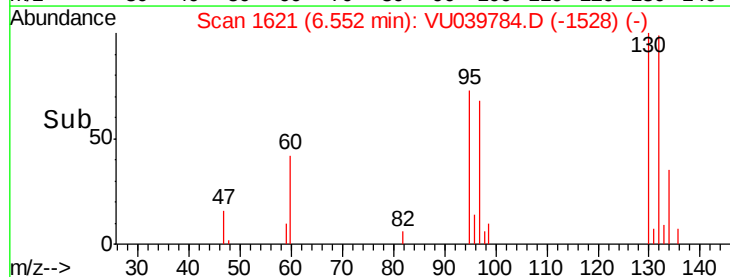


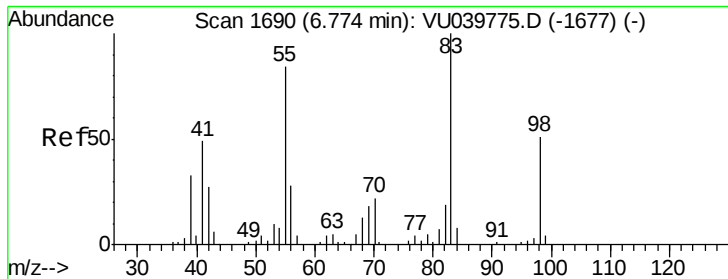
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V



Time-->

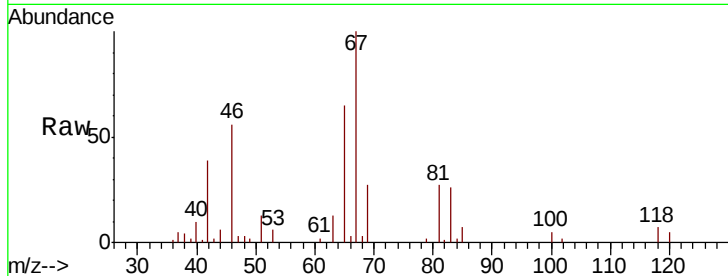




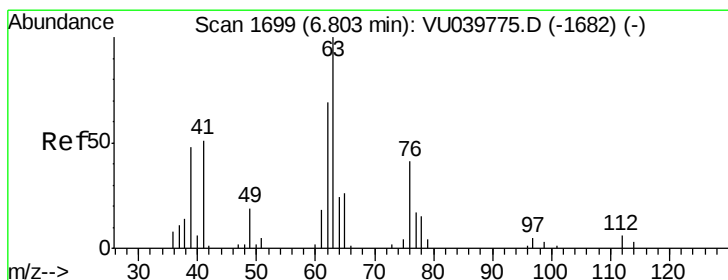
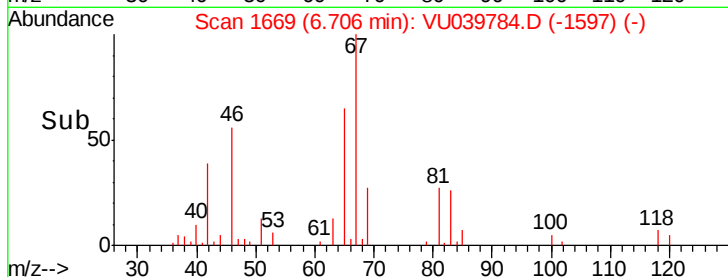
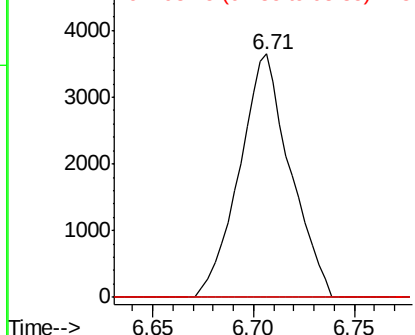
#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039784.D
Acq: 07 Aug 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6414
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 3.0 39.0 58.4#

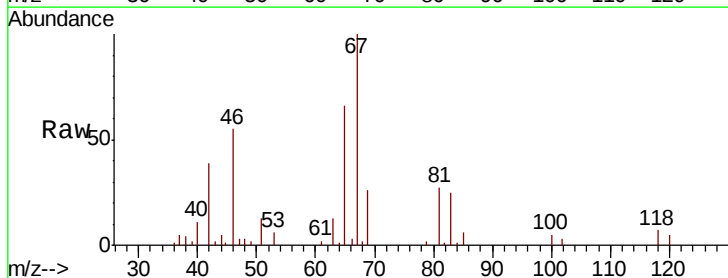


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

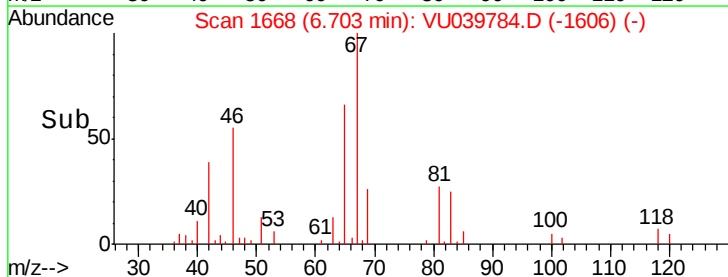
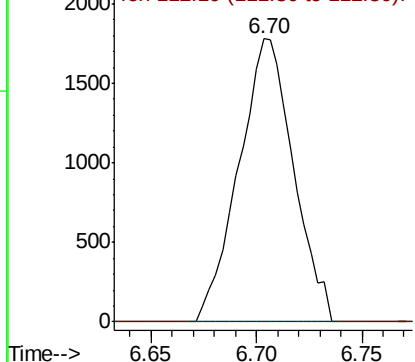


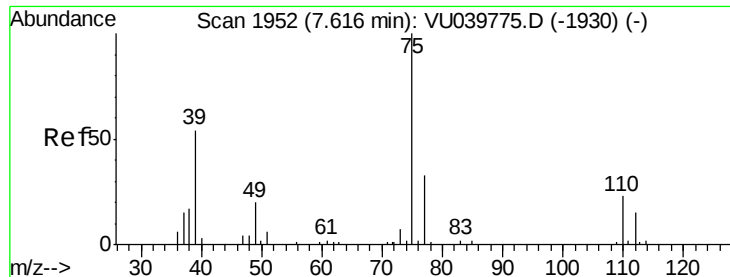
#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039784.D
Acq: 07 Aug 2020 14:04

Tgt Ion: 63 Resp: 3212
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039784.D

Acq: 07 Aug 2020 14:04

Instrument :

MSVOA_U

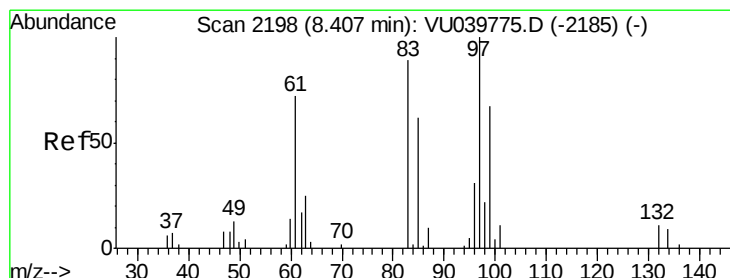
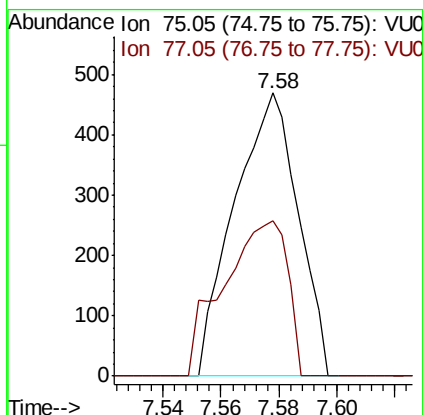
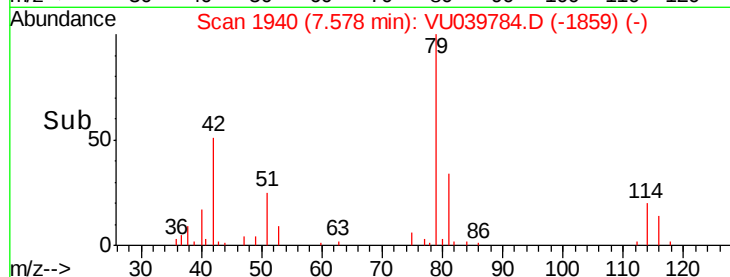
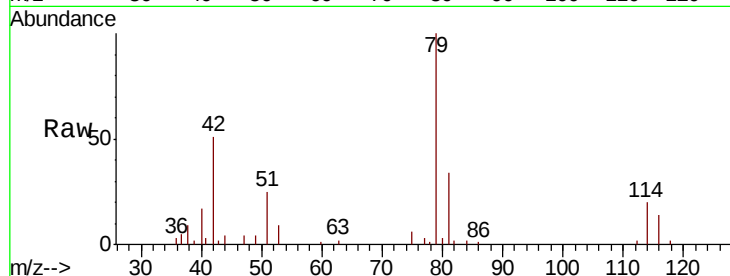
ClientSampleId :

Tot Ion: 75 Resp: 717

Ion Ratio Lower Upper

75 100

77 55.0 22.4 41.6#



#45

1,1,2-Trichloroethane

Concen: 0.512 ug/L

RT: 8.28 min Scan# 2158

Delta R.T. -0.13 min

Lab File: VU039784.D

Acq: 07 Aug 2020 14:04

Tgt Ion: 97 Resp: 1896

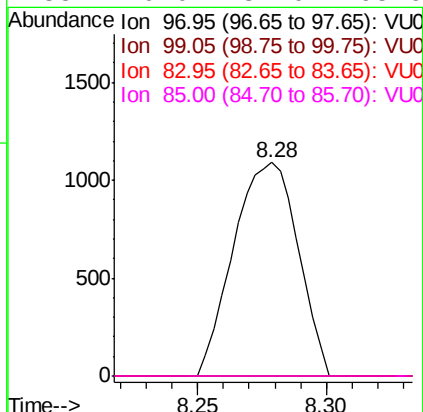
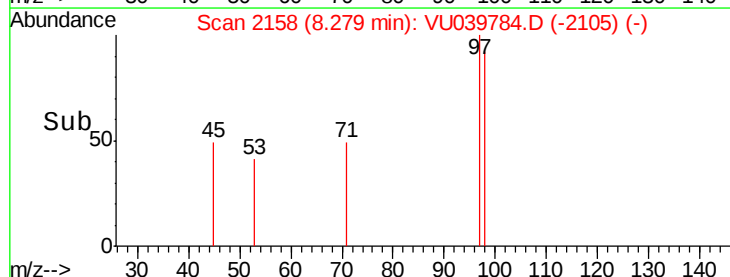
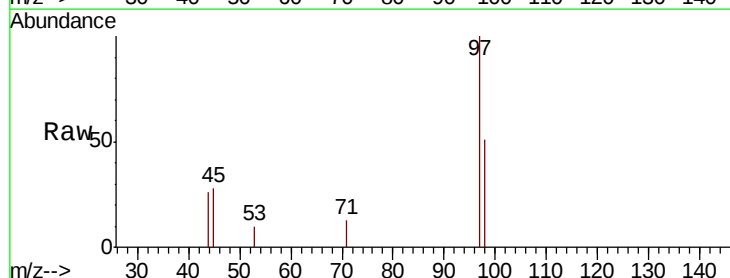
Ion Ratio Lower Upper

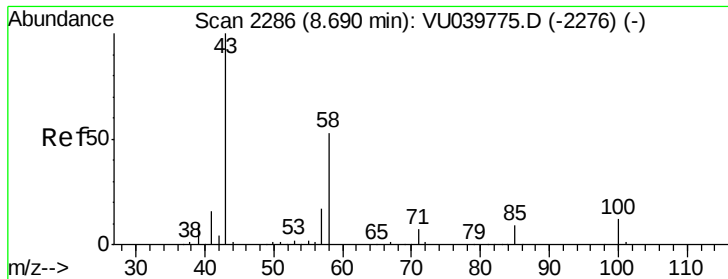
97 100

99 0.0 42.0 78.0#

83 0.0 55.2 102.4#

85 0.0 37.0 68.6#

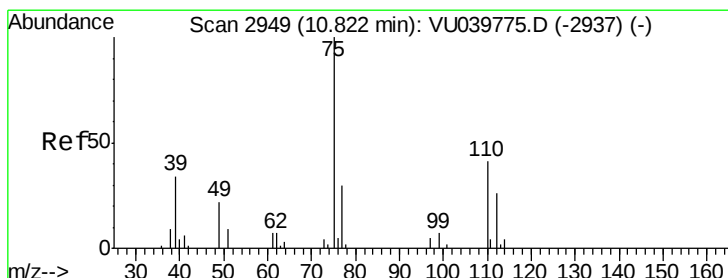
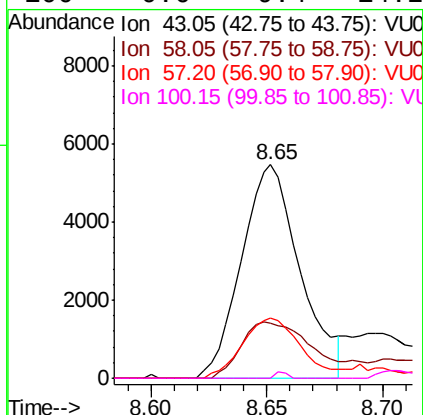
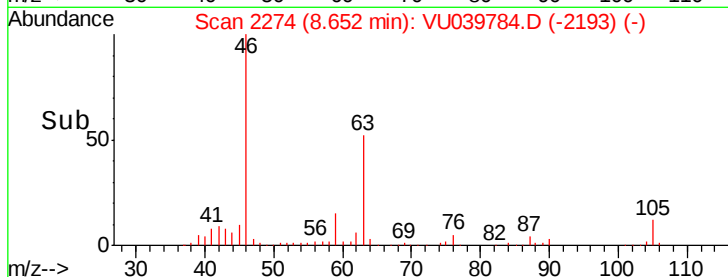
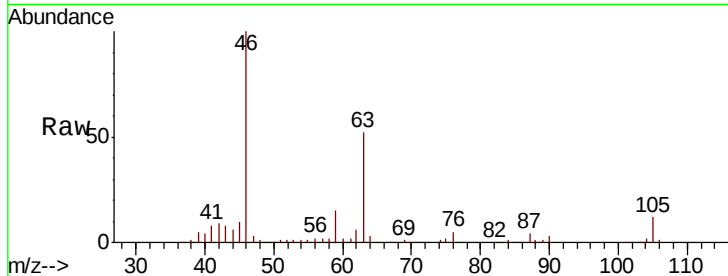




#48
2-Hexanone
Concen: 3.618 ug/L
RT: 8.65 min Scan# 2274
Delta R.T. -0.04 min
Lab File: VU039784.D
Acq: 07 Aug 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9615
Ion Ratio Lower Upper
43 100
58 31.4 41.8 62.8#
57 27.7 14.2 21.4#
100 0.6 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 1.329 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039784.D
Acq: 07 Aug 2020 14:04

Tgt Ion: 75 Resp: 4721
Ion Ratio Lower Upper
75 100
77 37.2 24.6 37.0#

