

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040659.D
 Acq On : 12 Oct 2020 15:01
 Operator : SY/MD
 Sample : L4345-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY1

Quant Time: Oct 13 04:41:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119062	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121723	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43019	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.92	69	37136	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	66789	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.66	46	175519	55.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.20%
24) Chloroform-d	5.08	84	89659	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	56229	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.75	84	163537	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	56914	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.91	98	130695	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	22087	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.64	63	121506	51.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49076	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	53377	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

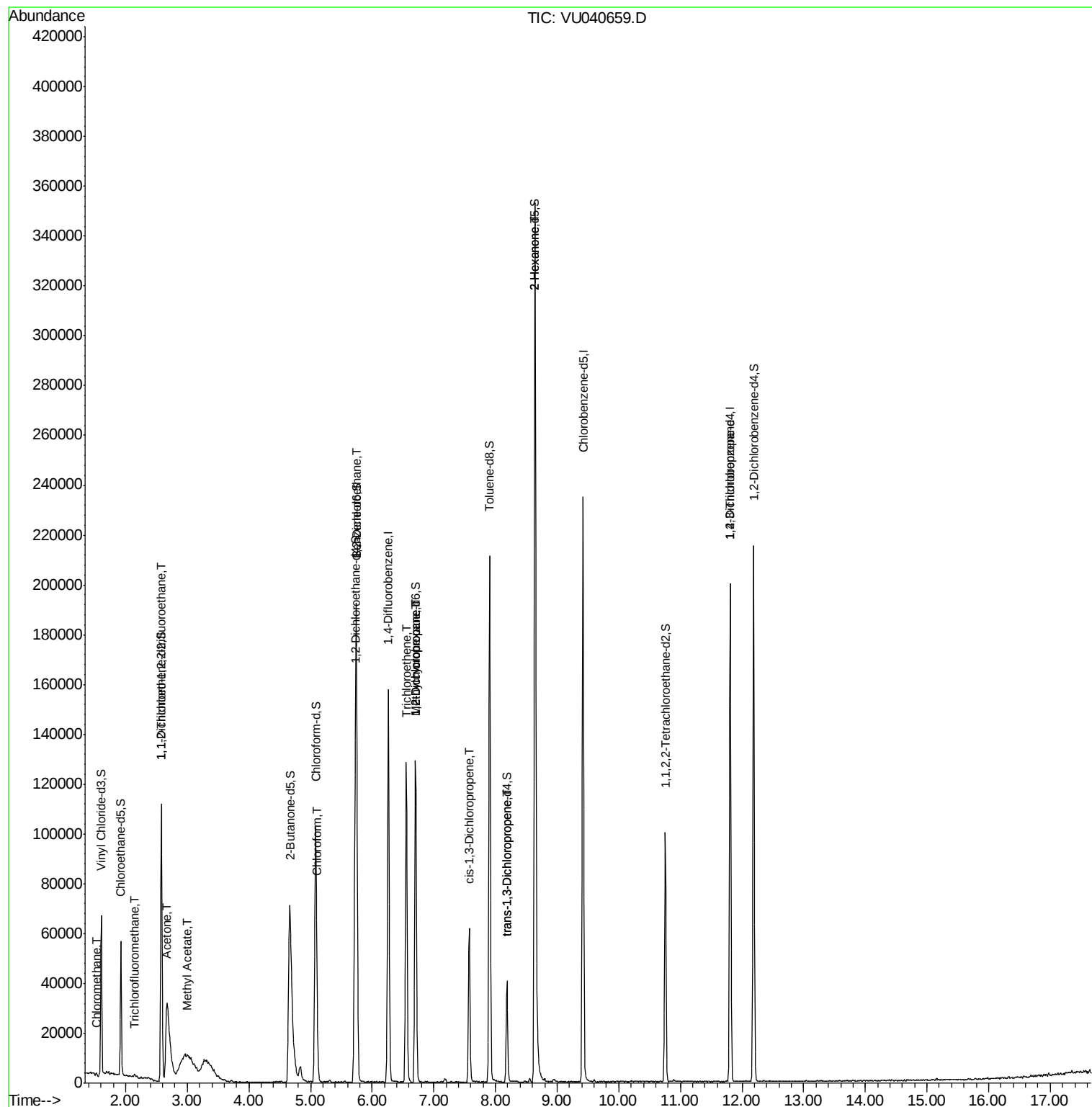
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	701	0.069	ug/L	95
9) Trichlorofluoromethane	2.15	101	571	0.037	ug/L #	66
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	551	0.056	ug/L #	20
13) Acetone	2.67	43	99925	40.833	ug/L	98
15) Methyl Acetate	3.00	43	721	0.129	ug/L #	56
25) Chloroform	5.11	83	11662	0.621	ug/L	97
27) 1,2-Dichloroethane	5.74	62	996	0.075	ug/L #	77
34) Trichloroethene	6.56	95	43304	4.272	ug/L	97
35) Methylcyclohexane	6.70	83	13368	0.930	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6484	0.595	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1558	0.105	ug/L #	48
44) trans-1,3-Dichloropropene	8.19	75	1181	0.086	ug/L #	81
48) 2-Hexanone	8.64	43	19375	2.996	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	6722	0.840	ug/L	93

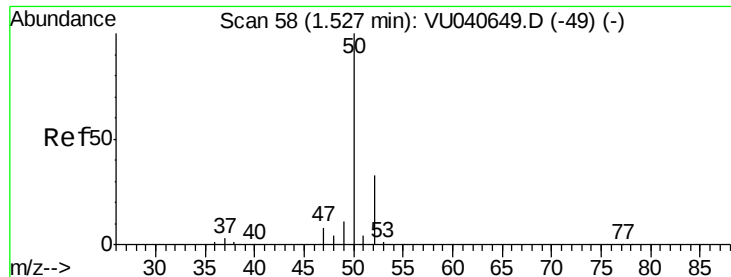
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.069 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040659.D

Acq: 12 Oct 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

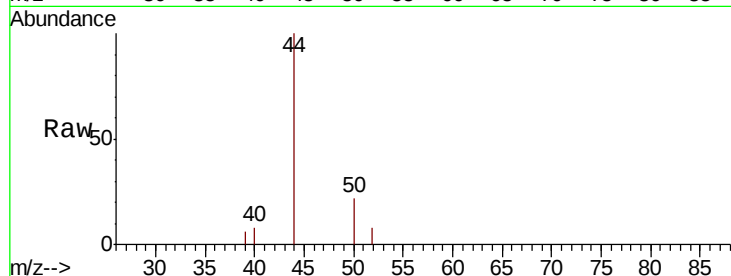
YAQY1

Tot Ion: 50 Resp: 701

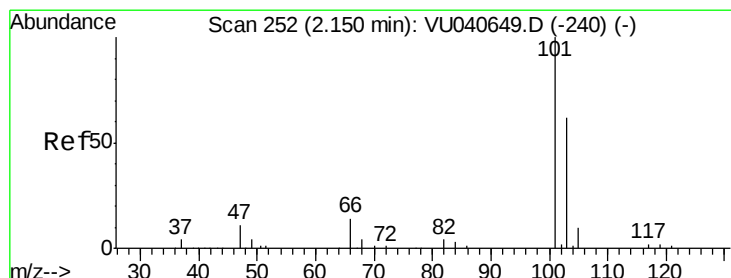
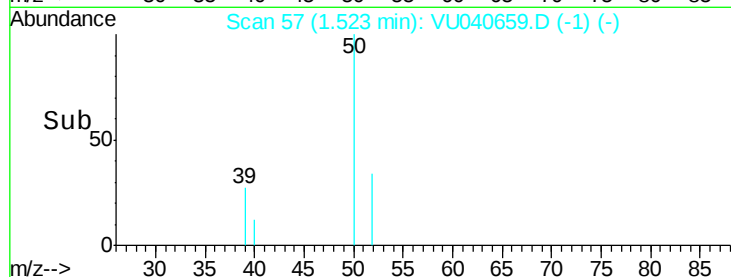
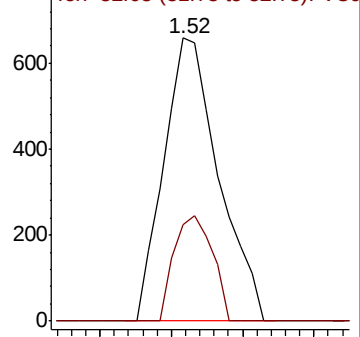
Ion Ratio Lower Upper

50 100

52 33.9 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040649.D (-49) (-)



#9

Trichlorofluoromethane

Concen: 0.037 ug/L

RT: 2.15 min Scan# 251

Delta R.T. -0.00 min

Lab File: VU040659.D

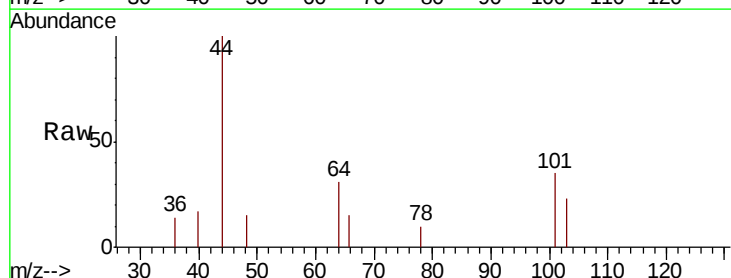
Acq: 12 Oct 2020 15:01

Tgt Ion: 101 Resp: 571

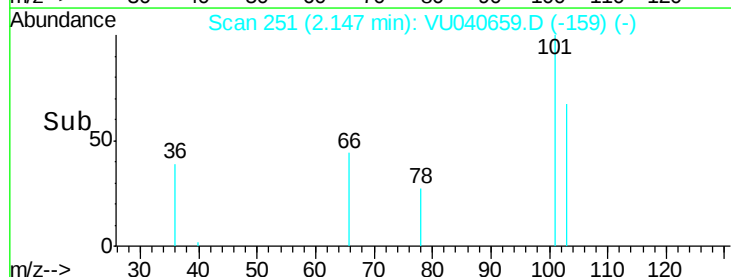
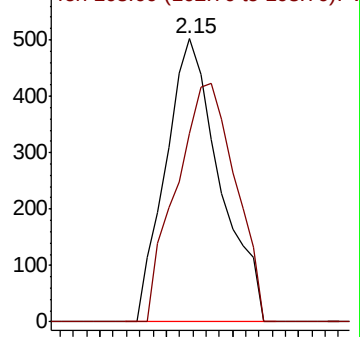
Ion Ratio Lower Upper

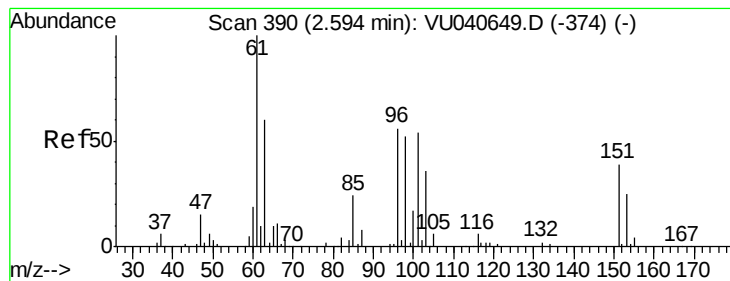
101 100

103 91.9 52.2 78.4#



Abundance Ion 101.00 (100.70 to 101.70): VU040649.D (-240) (-)





#10

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

Concen: 0.056 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040659.D

Acq: 12 Oct 2020 15:01

Instrument :

MSVOA_U

ClientSampled :

YAQY1

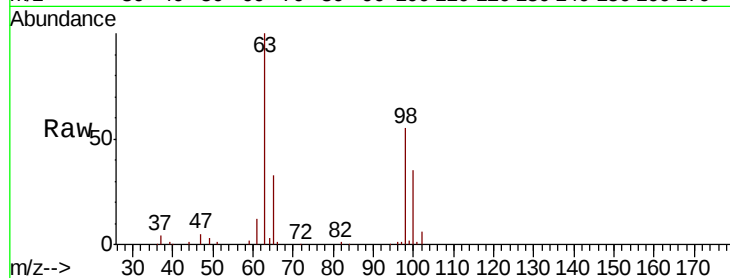
Tot Ion:101 Resp: 551

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

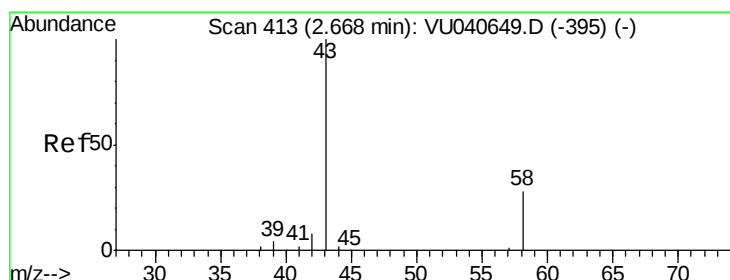
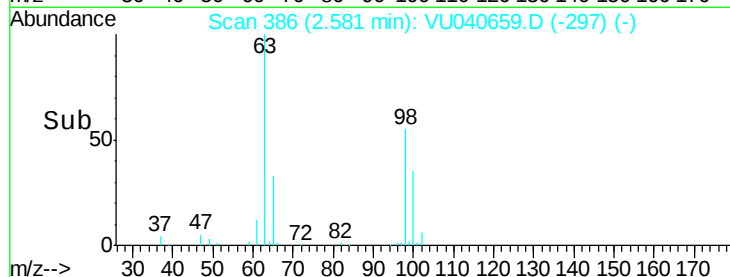
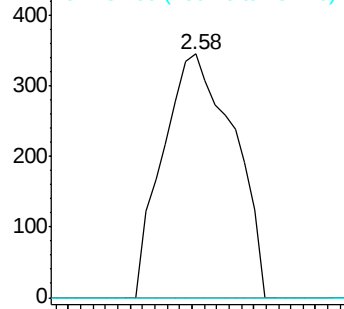
151 0.0 58.0 87.0#



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



#13

Acetone

Concen: 40.833 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU040659.D

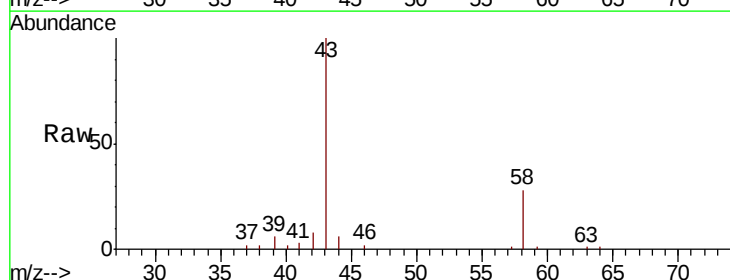
Acq: 12 Oct 2020 15:01

Tgt Ion: 43 Resp: 99925

Ion Ratio Lower Upper

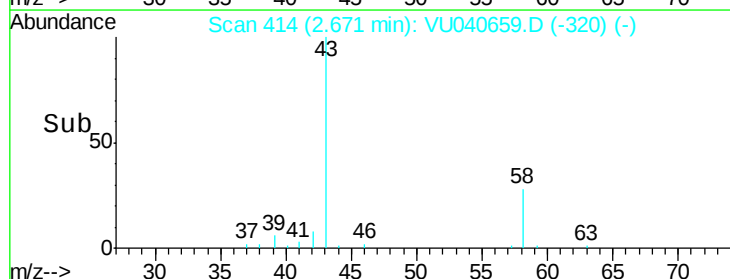
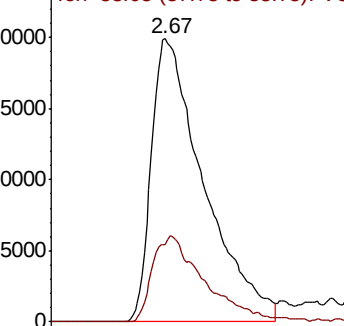
43 100

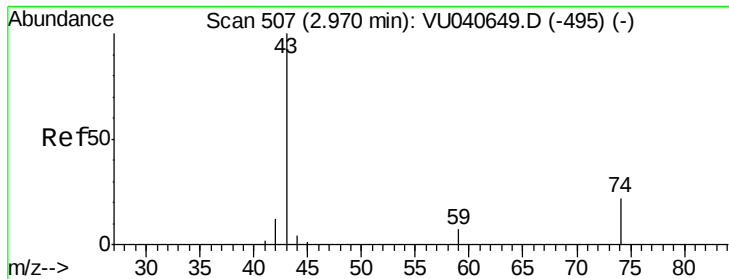
58 29.0 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#15

Methvl Acetate

Concen: 0.129 ug/L

RT: 3.00 min Scan# 516

Delta R.T. 0.03 min

Lab File: VU040659.D

Acq: 12 Oct 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

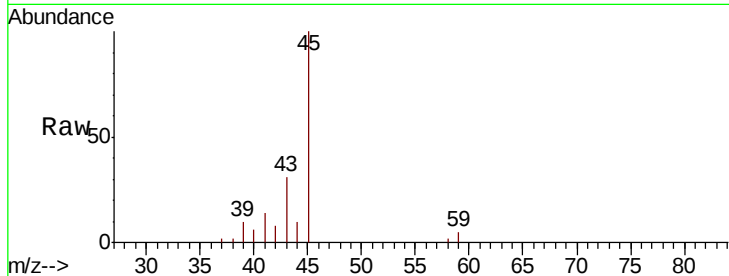
YAQY1

Tot Ion: 43 Resp: 721

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VU040649.D (-495) (-)

Ion 74.05 (73.75 to 74.75): VU040649.D (-495) (-)

3.00

2000

1500

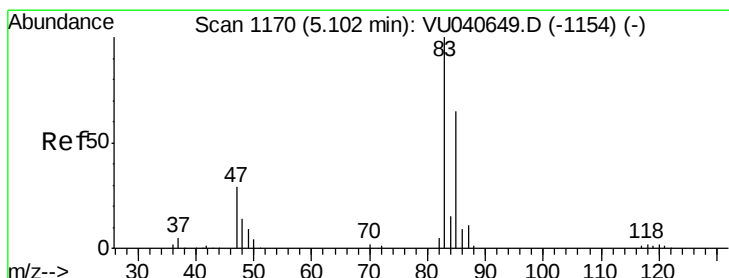
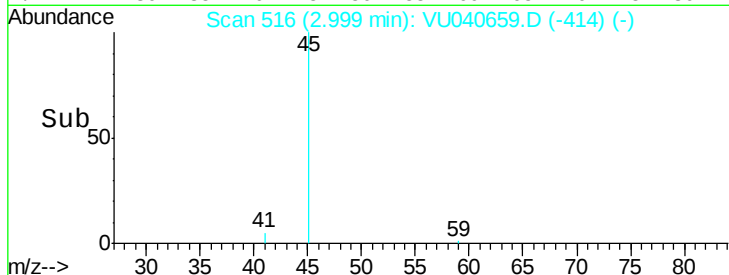
1000

500

0

Time-->

2.98 3.00 3.02 3.04



#25

Chloroform

Concen: 0.621 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040659.D

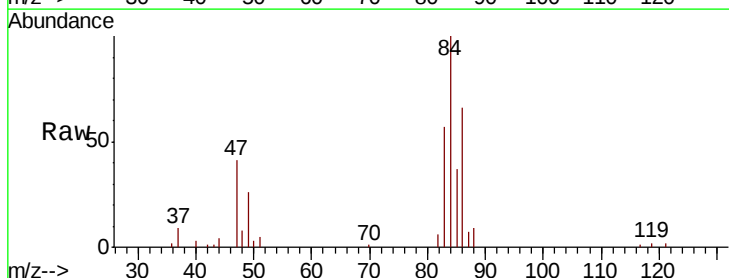
Acq: 12 Oct 2020 15:01

Tgt Ion: 83 Resp: 11662

Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040649.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU040649.D (-1154) (-)

5.11

6000

5000

4000

3000

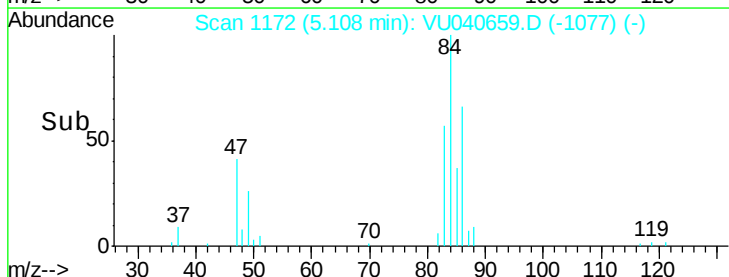
2000

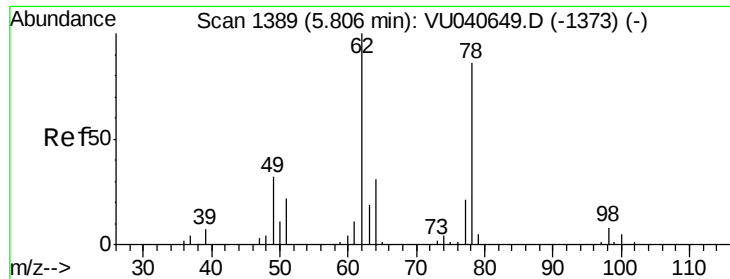
1000

0

Time-->

5.05 5.10 5.15

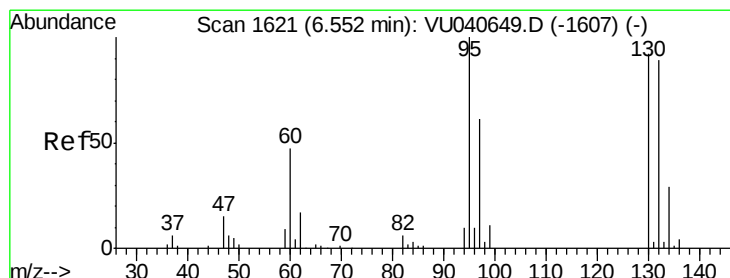
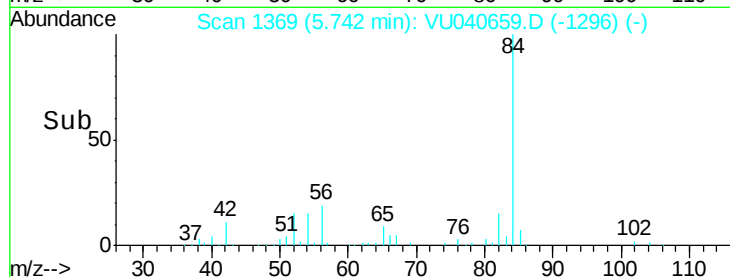
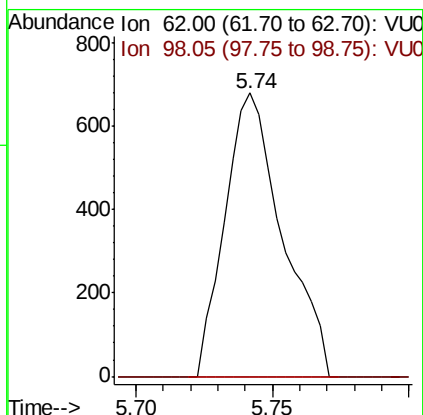
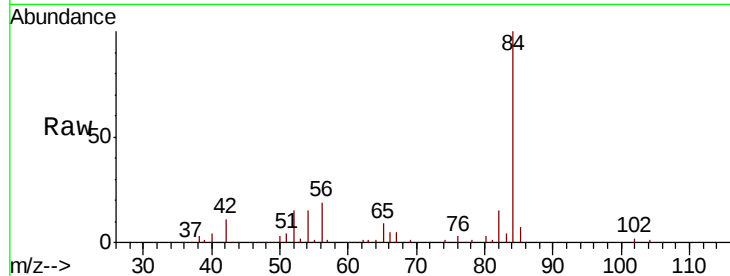




#27
 1,2-Dichloroethane
 Concen: 0.075 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU040659.D
 Acq: 12 Oct 2020 15:01

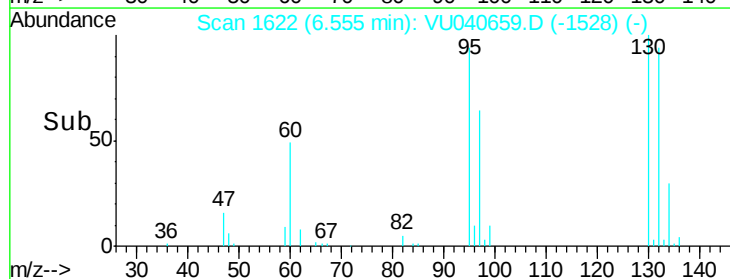
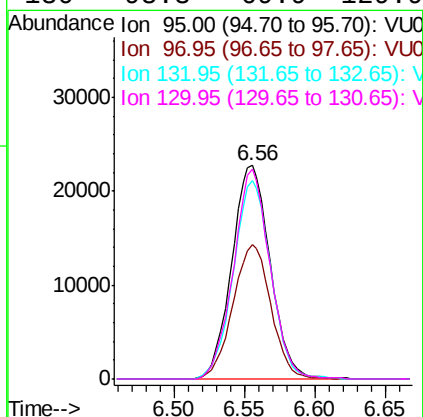
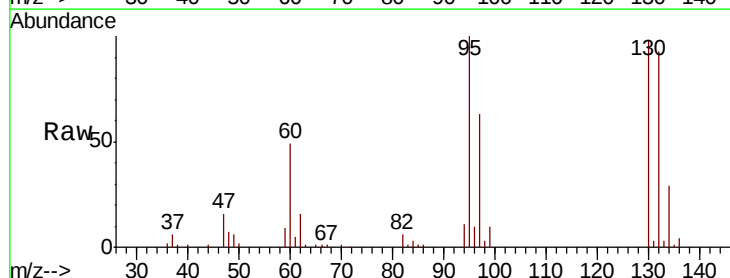
Instrument :
 MSVOA_U
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 YAQY1

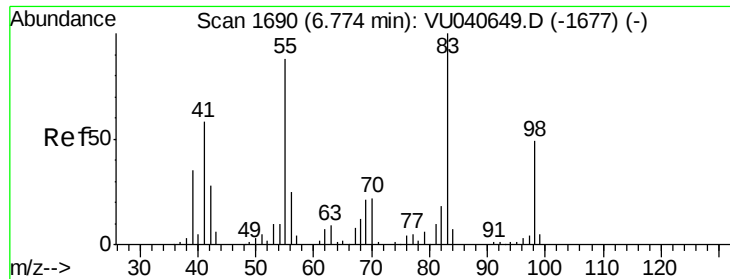
Tot Ion: 62 Resp: 996
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#34
 Trichloroethene
 Concen: 4.272 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040659.D
 Acq: 12 Oct 2020 15:01

Tgt Ion: 95 Resp: 43304
 Ion Ratio Lower Upper
 95 100
 97 62.7 45.5 84.5
 132 92.9 67.5 125.4
 130 98.3 69.9 129.9

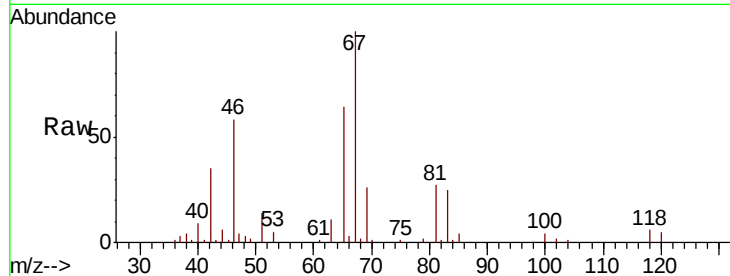




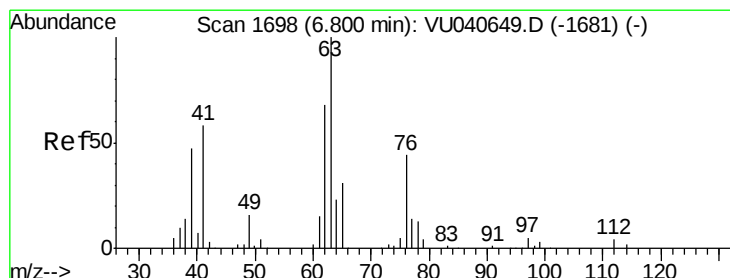
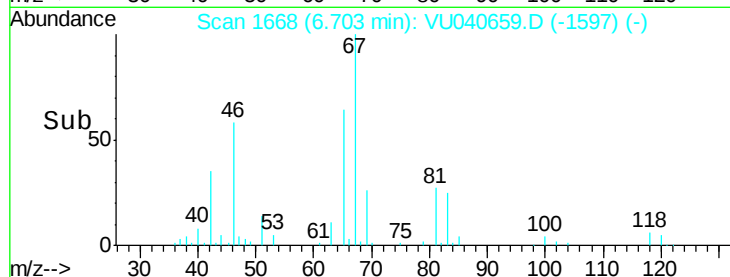
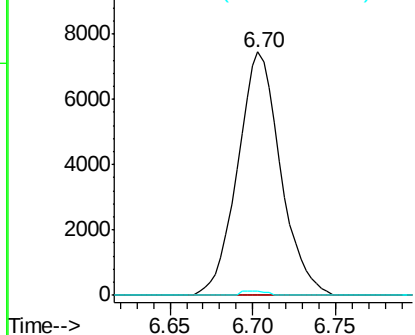
#35
Methvlcvclohexane
Concen: 0.930 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040659.D
Acq: 12 Oct 2020 15:01

Instrument :
MSVOA_U
ClientSampleId :
YAQY1

Tot Ion: 83 Resp: 13368
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.0 38.4 57.6#

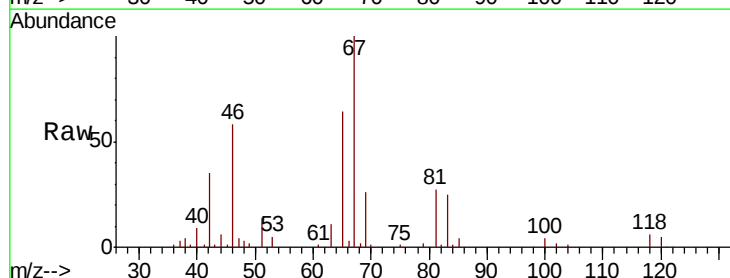


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

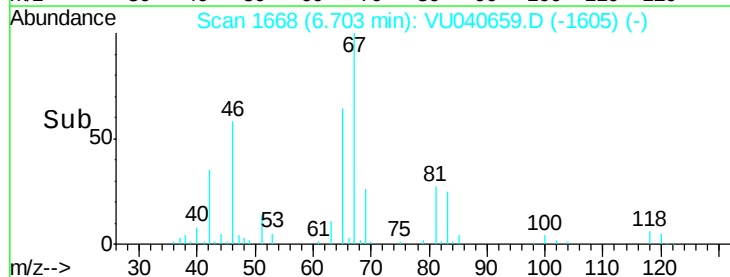
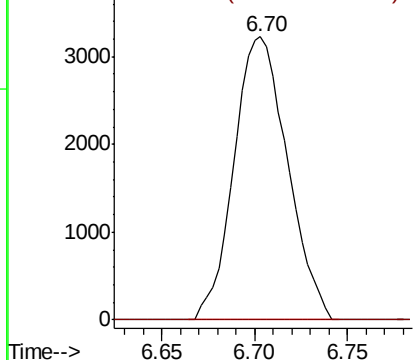


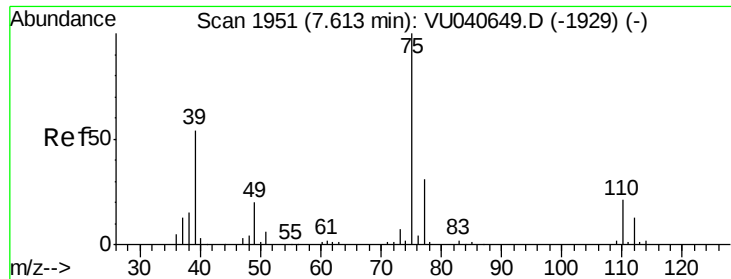
#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040659.D
Acq: 12 Oct 2020 15:01

Tgt Ion: 63 Resp: 6484
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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

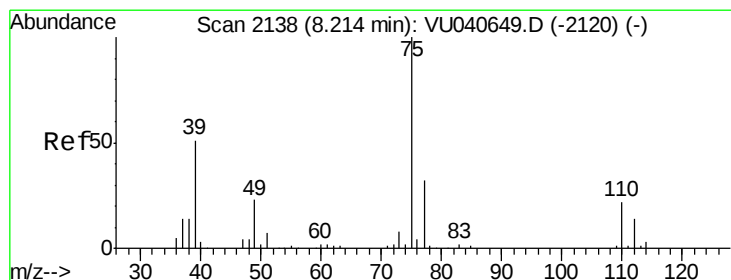
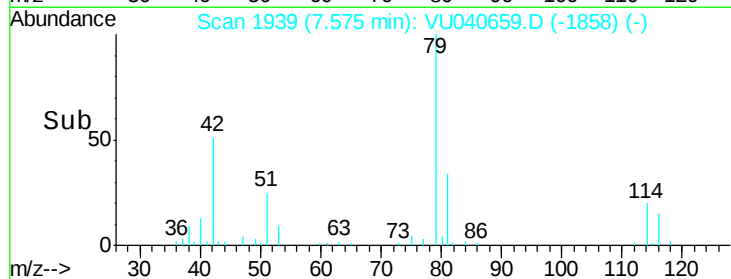
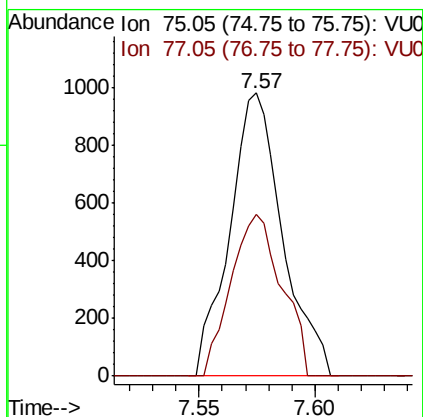
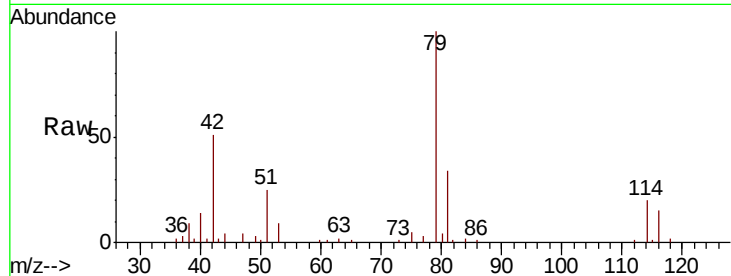




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040659.D
 Acq: 12 Oct 2020 15:01

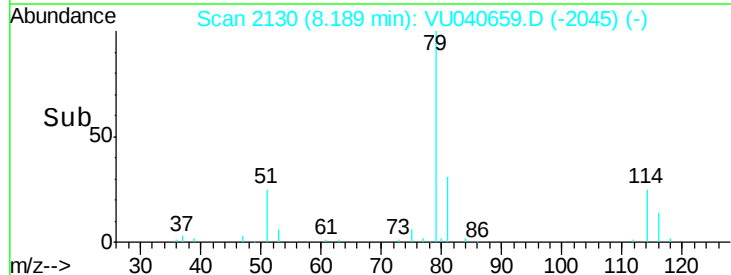
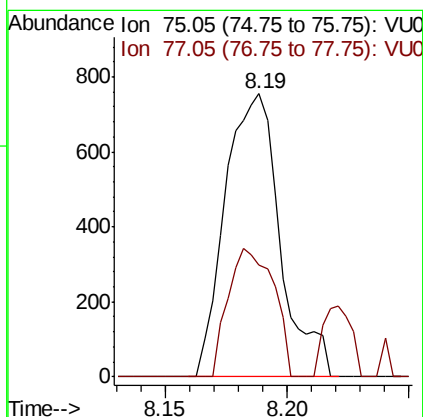
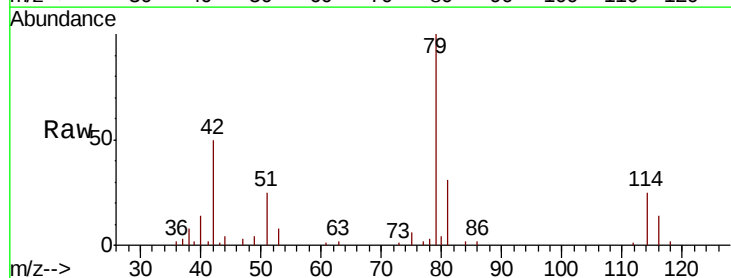
Instrument :
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 YAQY1

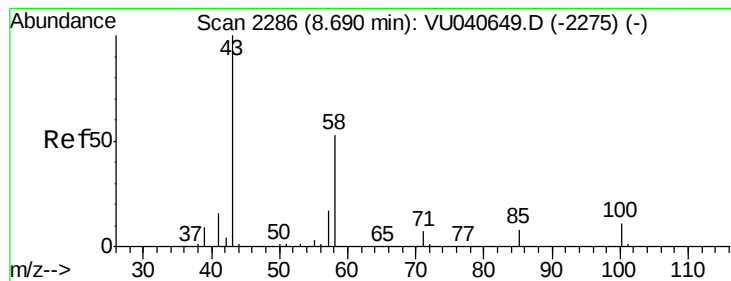
Tot Ion: 75 Resp: 1558
 Ion Ratio Lower Upper
 75 100
 77 57.4 20.5 38.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040659.D
 Acq: 12 Oct 2020 15:01

Tgt Ion: 75 Resp: 1181
 Ion Ratio Lower Upper
 75 100
 77 39.3 20.4 38.0#





#48

2-Hexanone

Concen: 2.996 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040659.D

Acq: 12 Oct 2020 15:01

Instrument :

MSVOA_U

ClientSampled :

YAQY1

Tot Ion: 43 Resp: 19375

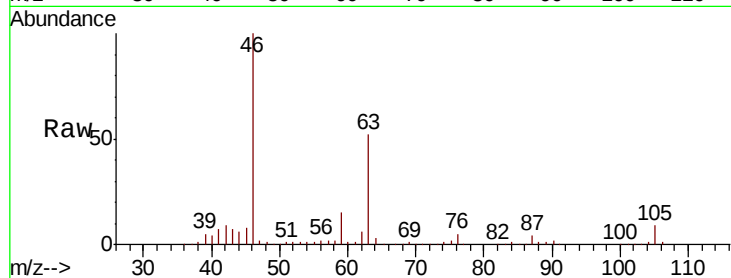
Ion Ratio Lower Upper

43 100

58 29.1 41.0 61.6#

57 25.8 14.4 21.6#

100 1.0 8.6 13.0#

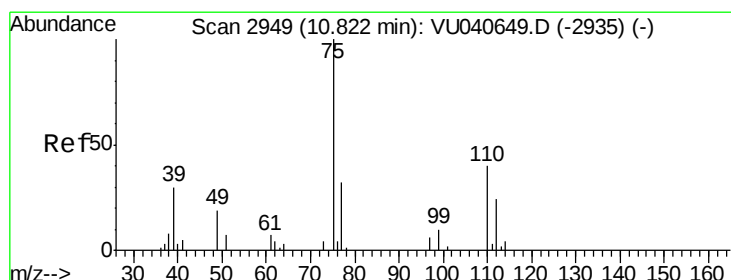
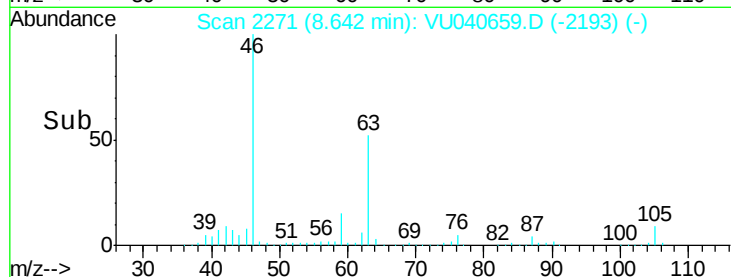
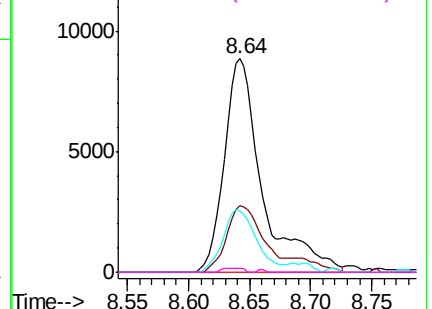


Abundance Ion 43.05 (42.75 to 43.75): VU040649.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU040649.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU040649.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU040649.D (-2275) (-)



#59

1,2,3-Trichloropropane

Concen: 0.840 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040659.D

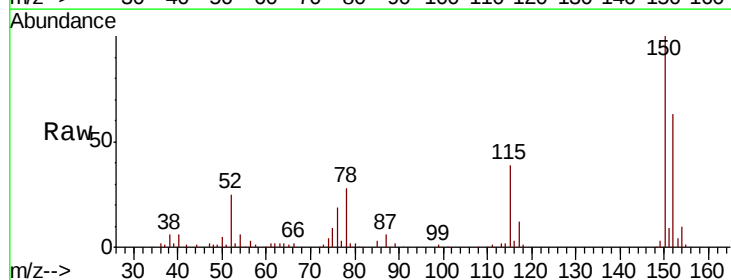
Acq: 12 Oct 2020 15:01

Tgt Ion: 75 Resp: 6722

Ion Ratio Lower Upper

75 100

77 36.7 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU040649.D (-2935) (-)

Ion 77.00 (76.70 to 77.70): VU040649.D (-2935) (-)

