

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040654.D
 Acq On : 12 Oct 2020 13:05
 Operator : SY/MD
 Sample : L4345-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQX6

Quant Time: Oct 13 04:40:42 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	127288	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43232	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.92	69	38735	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	68391	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.66	46	175632	52.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.08%
24) Chloroform-d	5.08	84	89592	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	53672	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	163147	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.71	67	55759	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	131204	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	22484	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	121491	47.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47758	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	52430	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Ovalue
3) Chloromethane	1.52	50	535	0.050 ug/L	100
8) Chloroethane	1.95	64	251	0.035 ug/L #	65
9) Trichlorofluoromethane	2.15	101	670	0.041 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	530	0.050 ug/L #	20
13) Acetone	2.67	43	82090	31.377 ug/L	91
15) Methyl Acetate	2.97	43	1290	0.216 ug/L #	56
25) Chloroform	5.11	83	13202	0.658 ug/L	90
27) 1,2-Dichloroethane	5.74	62	909	0.064 ug/L #	77
34) Trichloroethene	6.56	95	28812	2.631 ug/L	95
35) Methylcyclohexane	6.70	83	13607	0.876 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6317	0.537 ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1606	0.100 ug/L #	72
44) trans-1,3-Dichloropropene	8.18	75	970	0.066 ug/L	90
48) 2-Hexanone	8.64	43	17797	2.547 ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	7854	0.908 ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101220\
Data File : VU040654.D
Acq On : 12 Oct 2020 13:05
Operator : SY/MD
Sample : L4345-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YAQX6

Quant Time: Oct 13 04:40:42 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

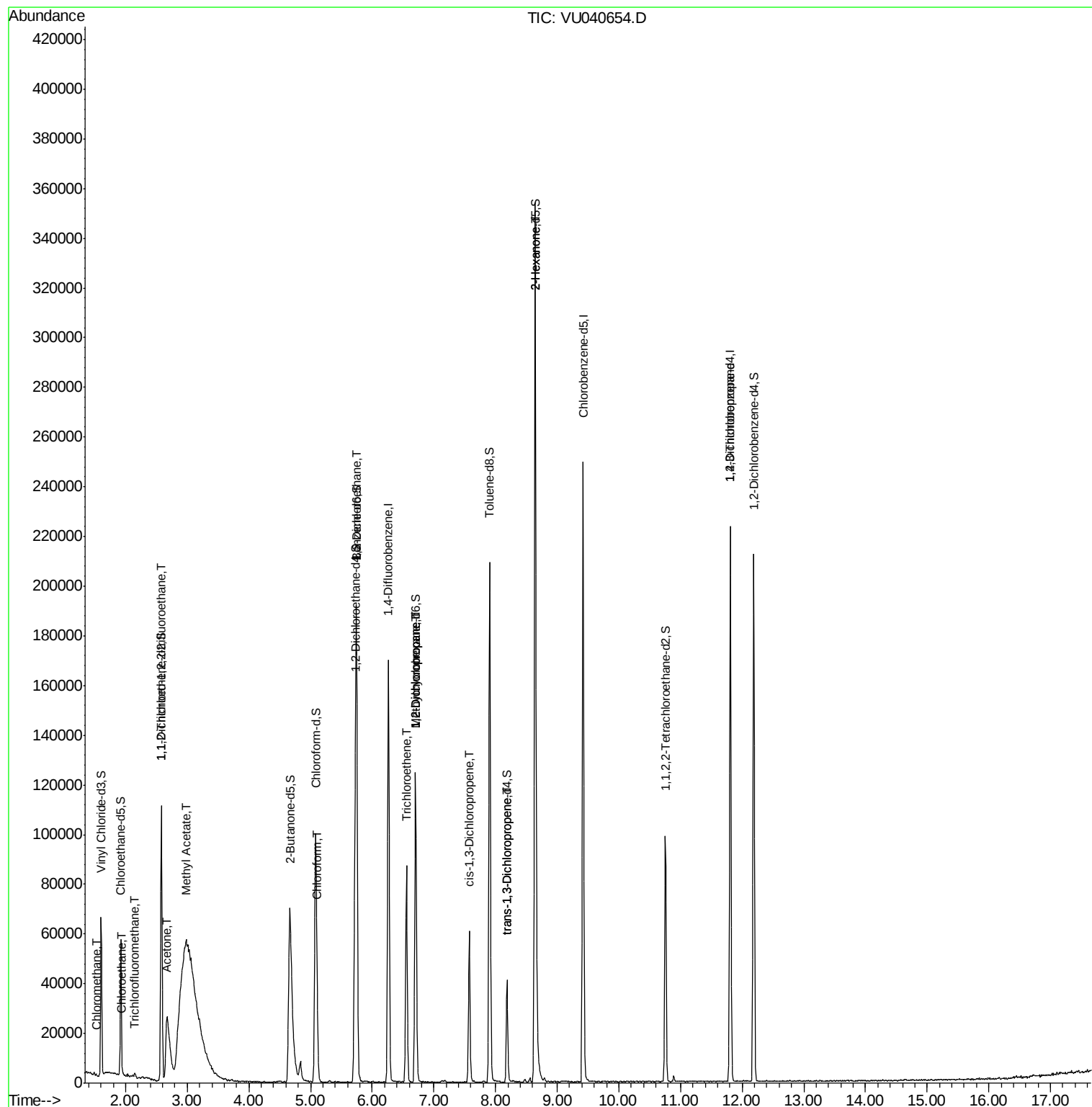
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

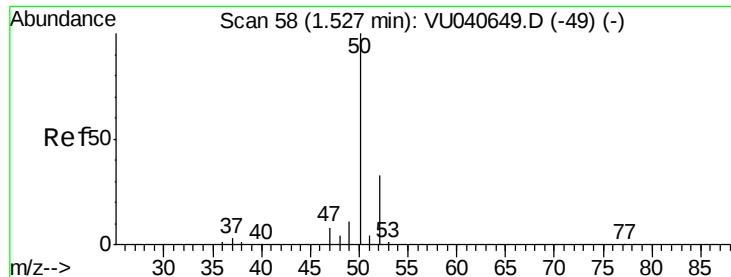
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101220\
Data File : VU040654.D
Acq On : 12 Oct 2020 13:05
Operator : SY/MD
Sample : L4345-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YAQX6

Quant Time: Oct 13 04:40:42 2020
Quant Method : Z:\V0ASRV\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





#3

Chloromethane

Concen: 0.050 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040654.D

Acq: 12 Oct 2020 13:05

Instrument :

MSVOA_U

ClientSampleId :

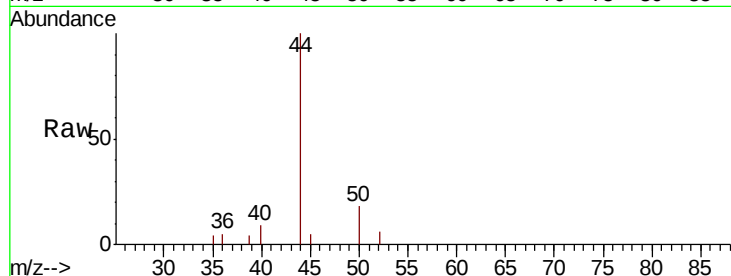
YQX6

Tot Ion: 50 Resp: 535

Ion Ratio Lower Upper

50 100

52 31.1 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.52

400

300

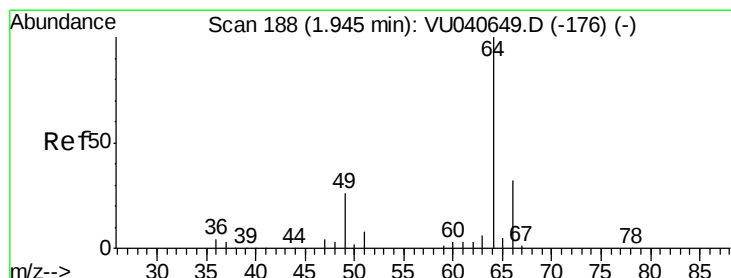
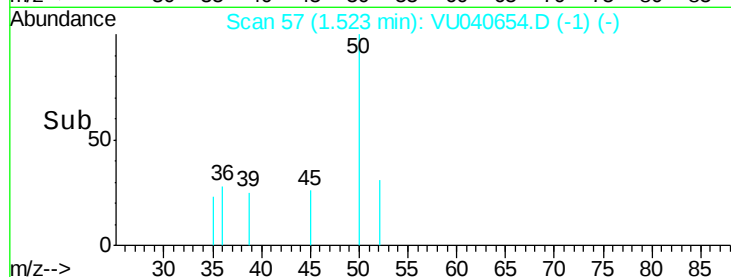
200

100

0

1.50 1.52 1.54

Time-->



#8

Chloroethane

Concen: 0.035 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU040654.D

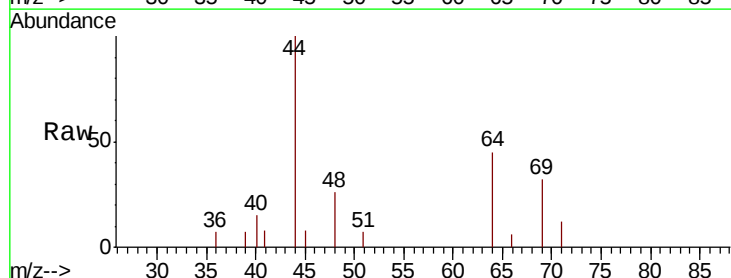
Acq: 12 Oct 2020 13:05

Tgt Ion: 64 Resp: 251

Ion Ratio Lower Upper

64 100

66 13.2 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1200

1000

800

600

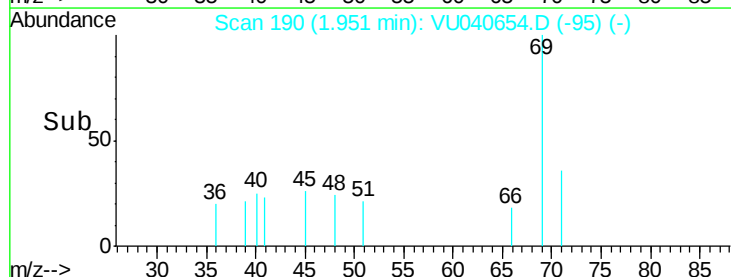
400

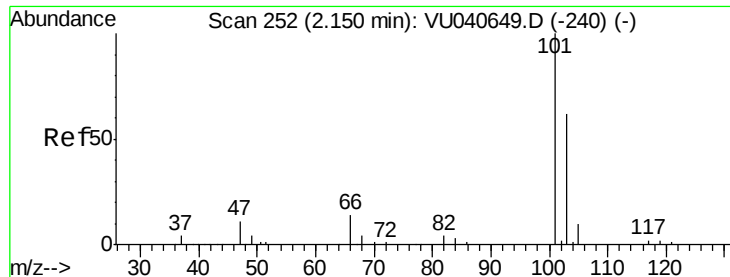
200

0

1.92 1.94 1.96 1.98

Time-->



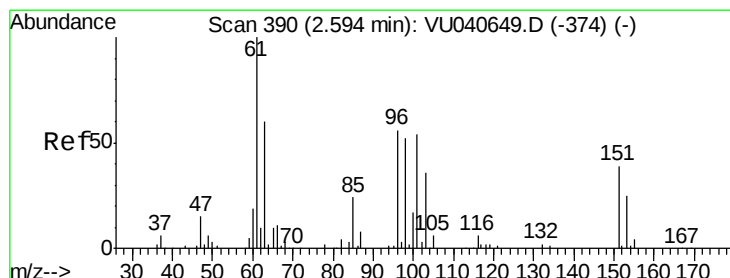
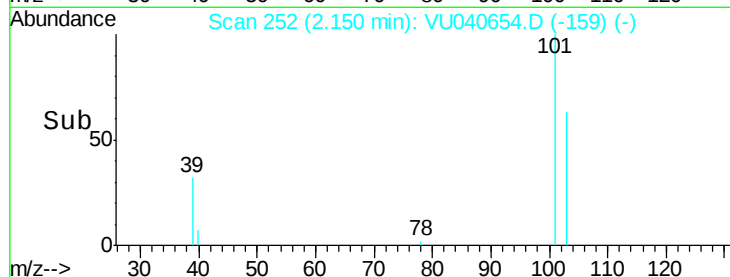
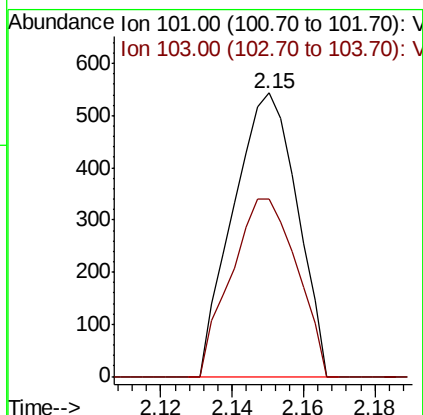
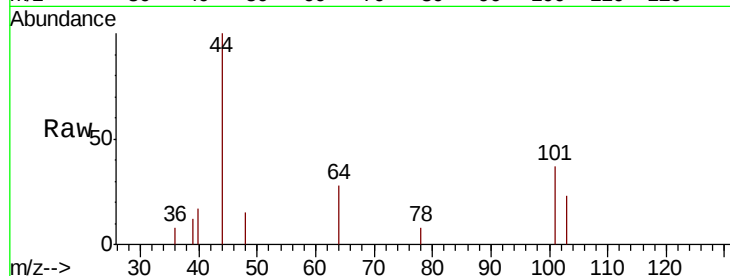


#9

Trichlorofluoromethane
 Concen: 0.041 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040654.D
 Acq: 12 Oct 2020 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQX6

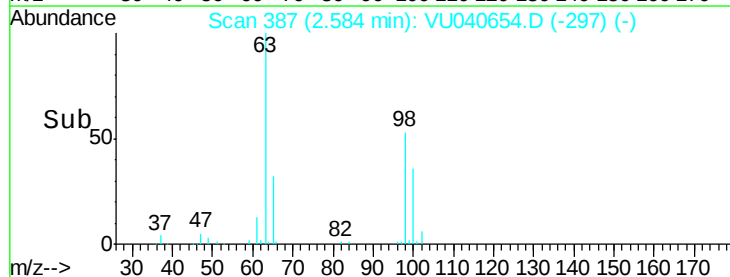
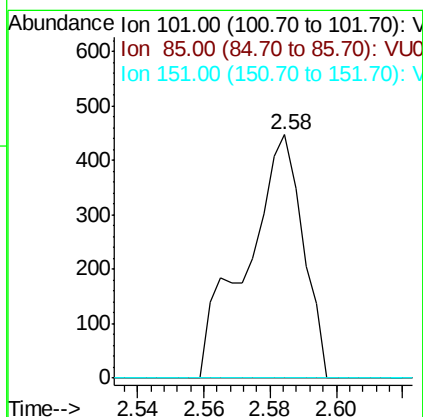
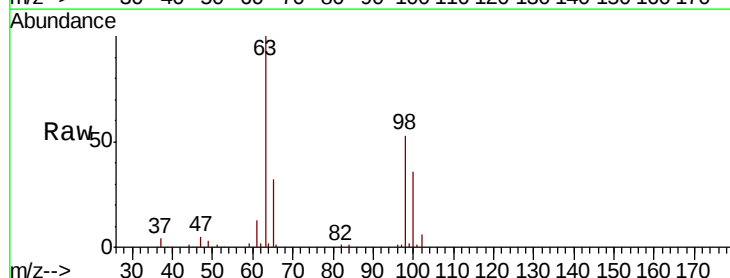
Tot Ion:101 Resp: 670
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.4

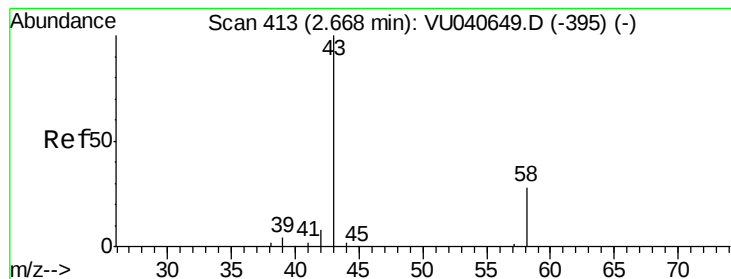


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.050 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VU040654.D
 Acq: 12 Oct 2020 13:05

Tgt Ion:101 Resp: 530
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.7 55.1#
 151 0.0 58.0 87.0#





#13

Acetone

Concen: 31.377 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU040654.D

Acq: 12 Oct 2020 13:05

Instrument :

MSVOA_U

ClientSampleId :

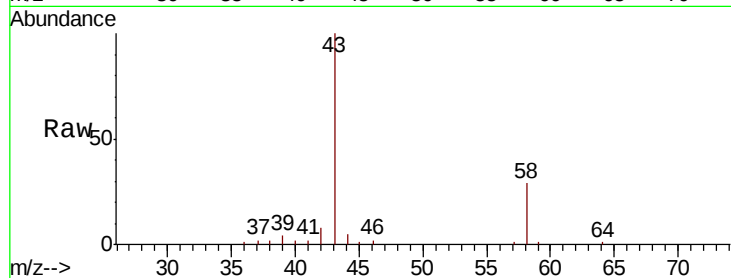
YQX6

Tot Ion: 43 Resp: 82090

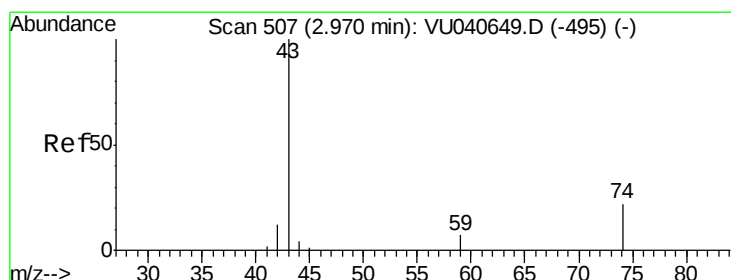
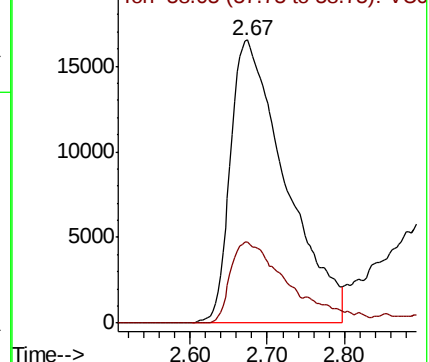
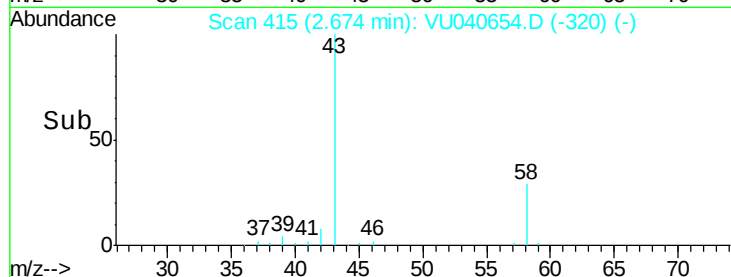
Ion Ratio Lower Upper

43 100

58 25.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040654.D (-320) (-)



#15

Methyl Acetate

Concen: 0.216 ug/L

RT: 2.97 min Scan# 508

Delta R.T. 0.00 min

Lab File: VU040654.D

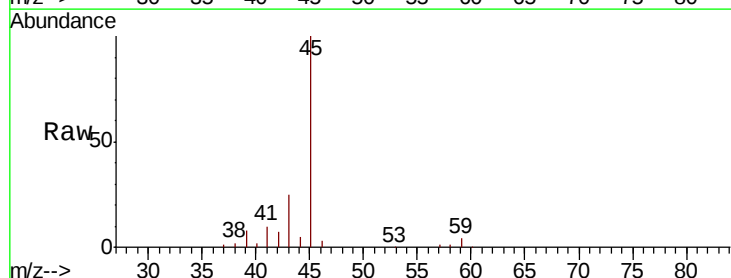
Acq: 12 Oct 2020 13:05

Tgt Ion: 43 Resp: 1290

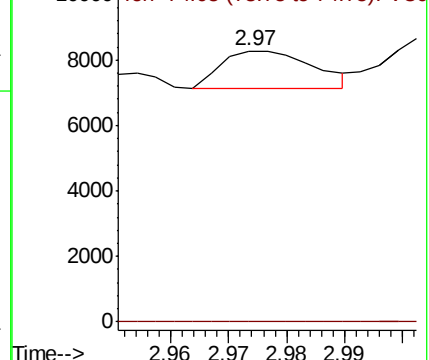
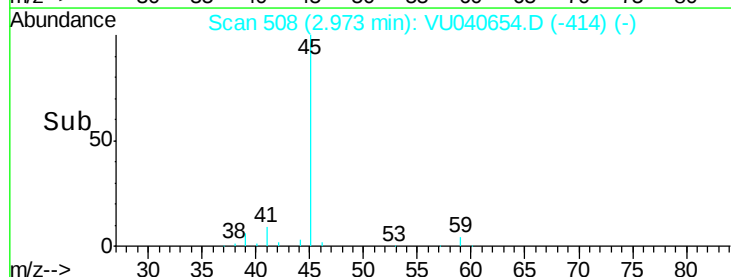
Ion Ratio Lower Upper

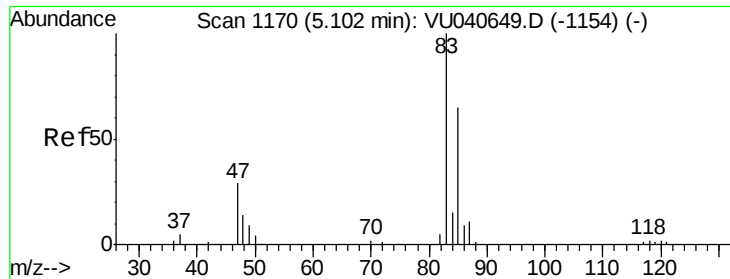
43 100

74 0.0 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VU040654.D (-414) (-)

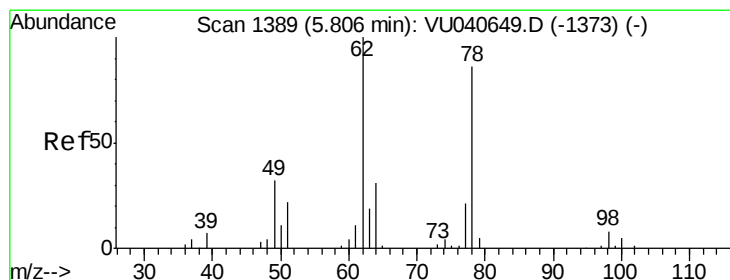
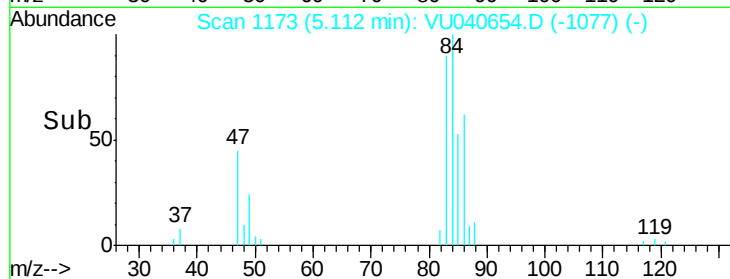
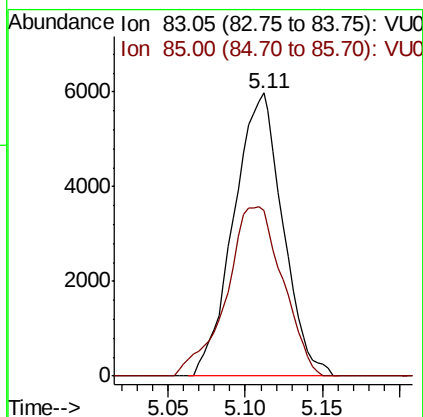
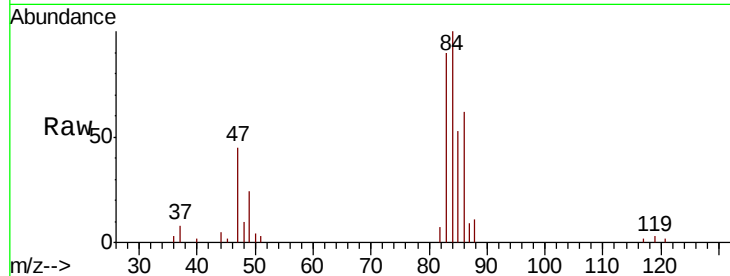




#25
Chloroform
Concen: 0.658 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040654.D
Acq: 12 Oct 2020 13:05

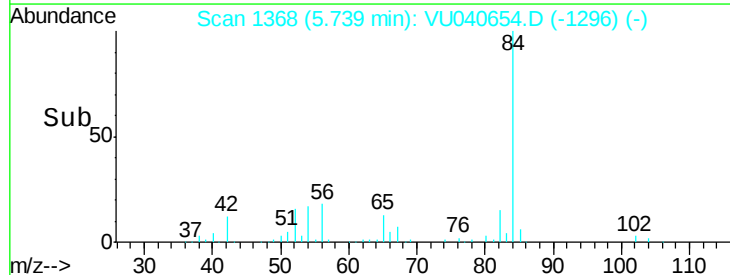
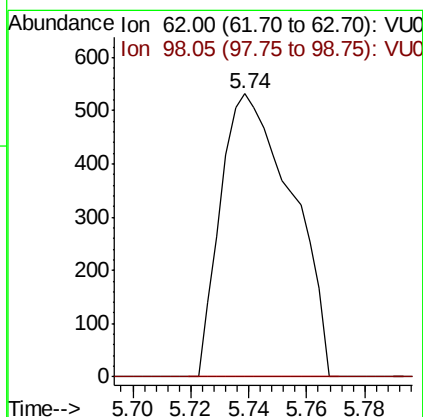
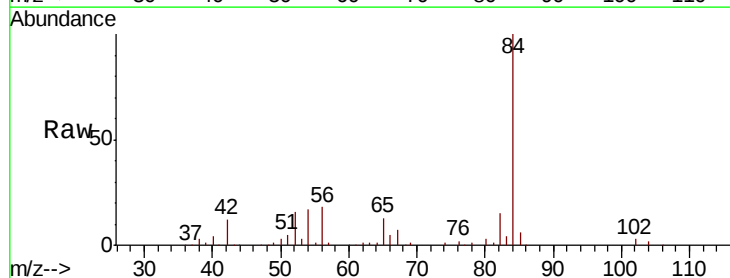
Instrument :
MSVOA_U
ClientSampleId :
YAQX6

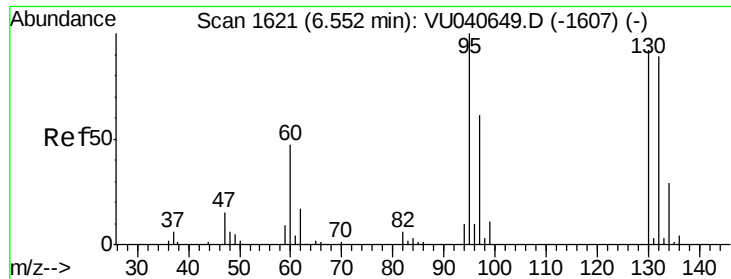
Tot Ion: 83 Resp: 13202
Ion Ratio Lower Upper
83 100
85 58.5 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.064 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040654.D
Acq: 12 Oct 2020 13:05

Tgt Ion: 62 Resp: 909
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#34

Trichloroethene

Concen: 2.631 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040654.D

Acq: 12 Oct 2020 13:05

Instrument :

MSVOA_U

ClientSampleId :

YAQX6

Tot Ion: 95 Resp: 28812

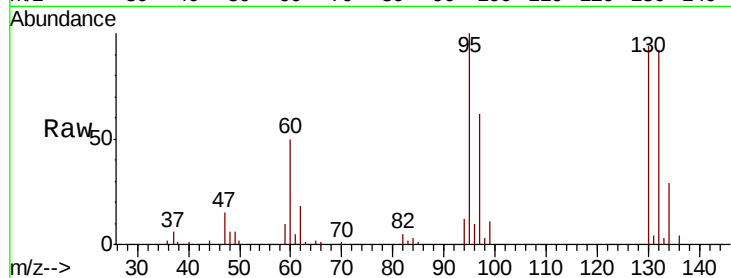
Ion Ratio Lower Upper

95 100

97 62.0 45.5 84.5

132 92.0 67.5 125.4

130 93.9 69.9 129.9

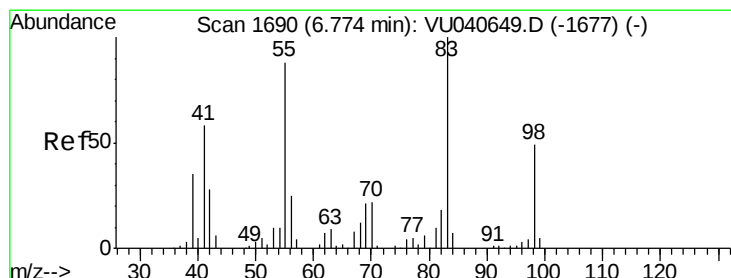
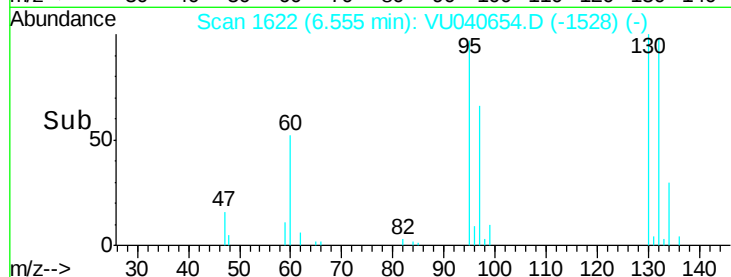
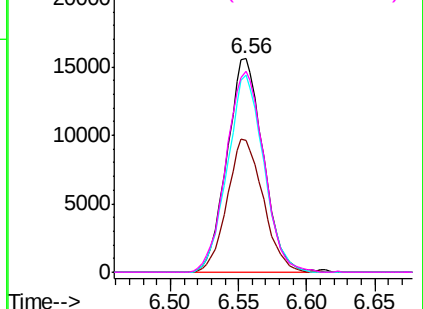


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 0.876 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040654.D

Acq: 12 Oct 2020 13:05

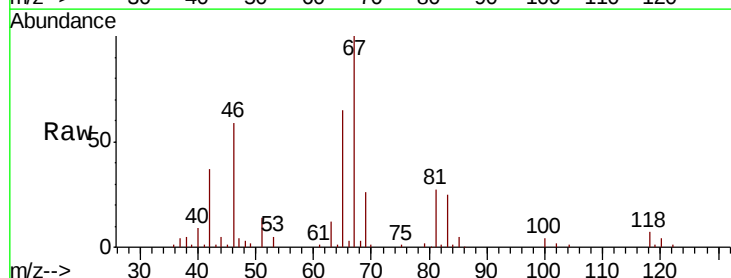
Tgt Ion: 83 Resp: 13607

Ion Ratio Lower Upper

83 100

55 0.0 70.7 106.1#

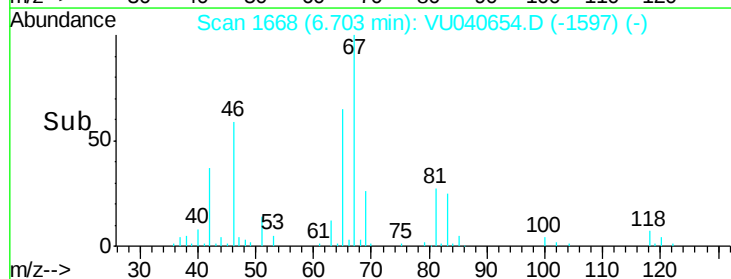
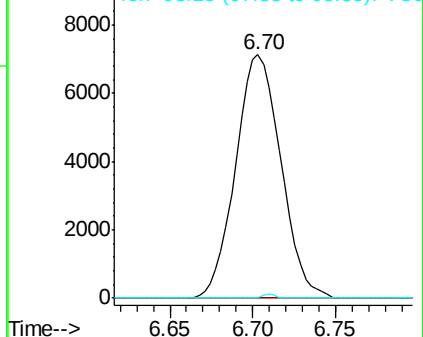
98 0.5 38.4 57.6#

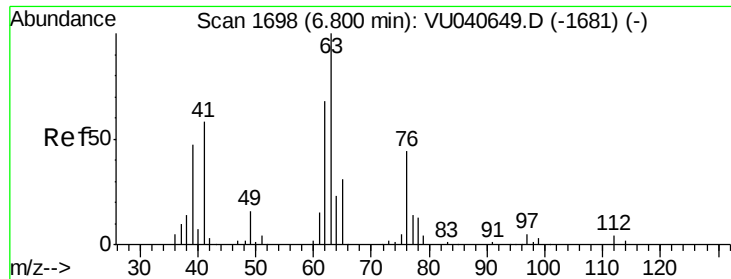


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

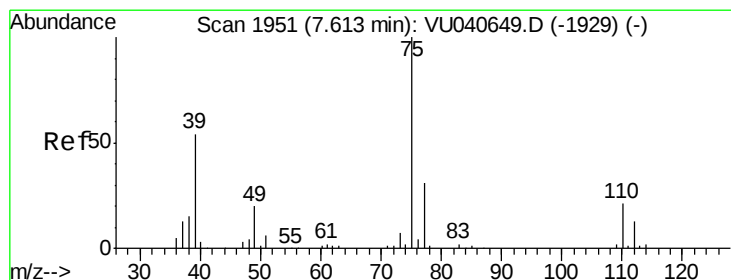
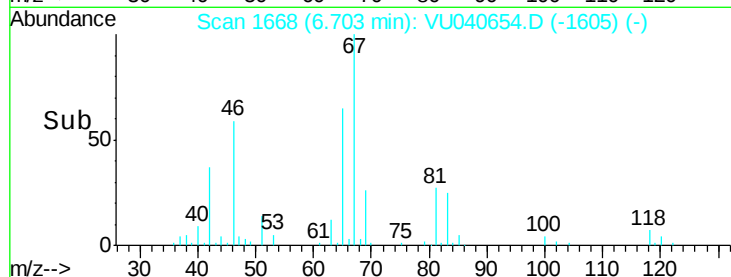
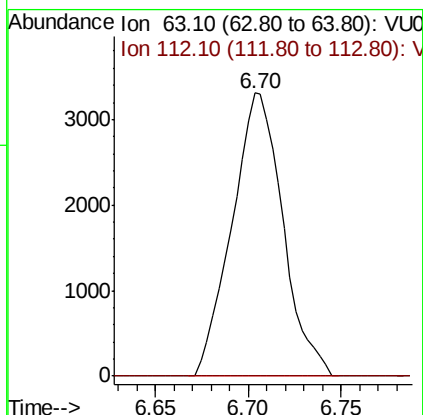
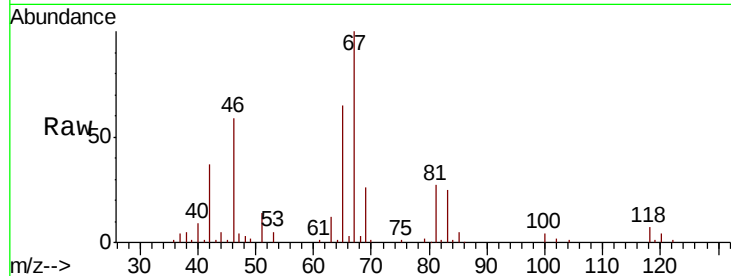




#37
 1,2-Dichloropropane
 Concen: 0.537 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040654.D
 Acq: 12 Oct 2020 13:05

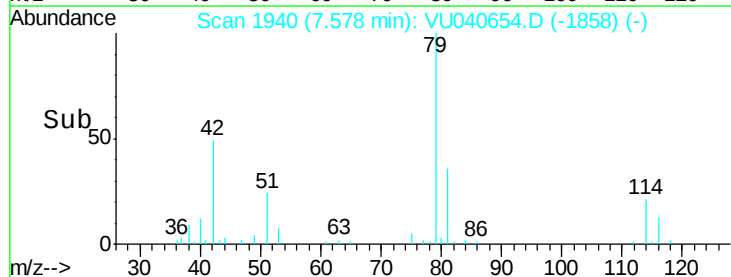
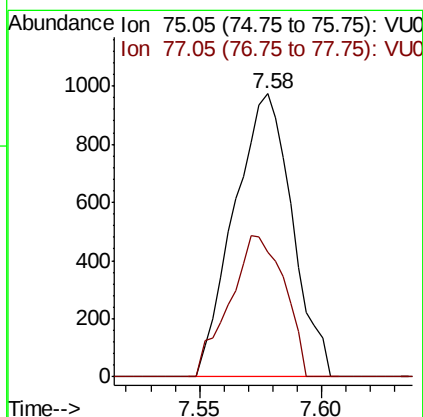
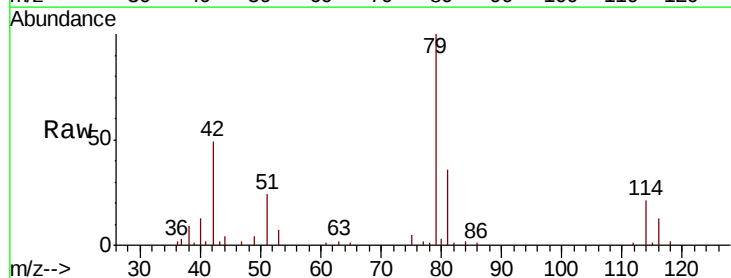
Instrument :
 MSVOA_U
 ClientSampleId :
 YAQX6

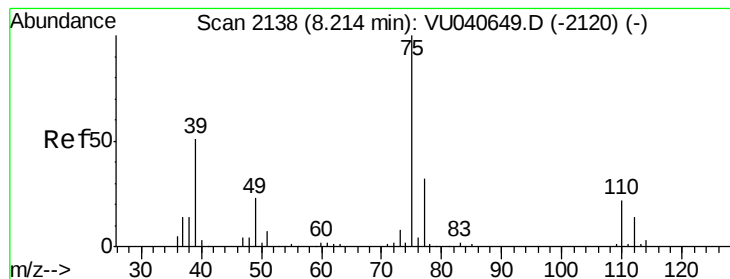
Tot Ion: 63 Resp: 6317
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040654.D
 Acq: 12 Oct 2020 13:05

Tgt Ion: 75 Resp: 1606
 Ion Ratio Lower Upper
 75 100
 77 44.1 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU040654.D

Acq: 12 Oct 2020 13:05

Instrument :

MSVOA_U

ClientSampleId :

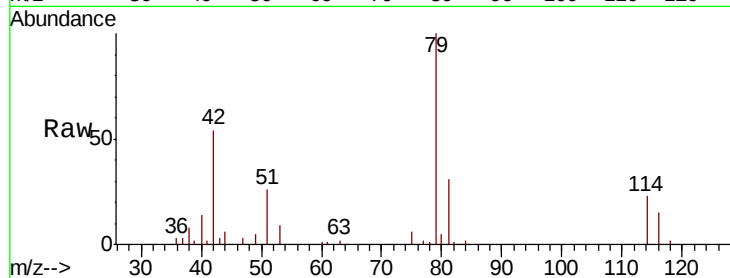
YQX6

Tot Ion: 75 Resp: 970

Ion Ratio Lower Upper

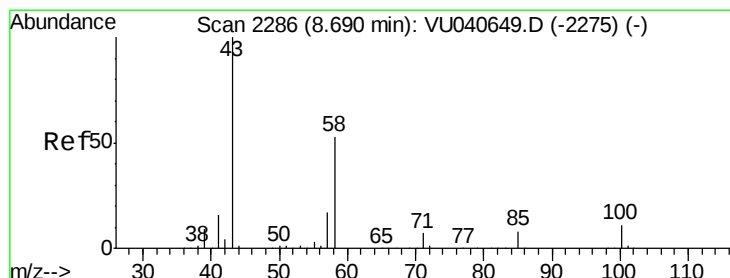
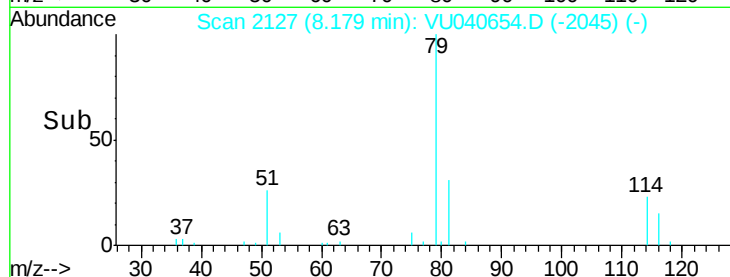
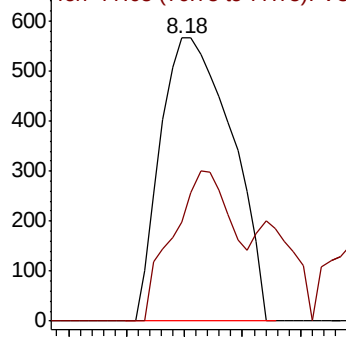
75 100

77 34.8 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.547 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040654.D

Acq: 12 Oct 2020 13:05

Tgt Ion: 43 Resp: 17797

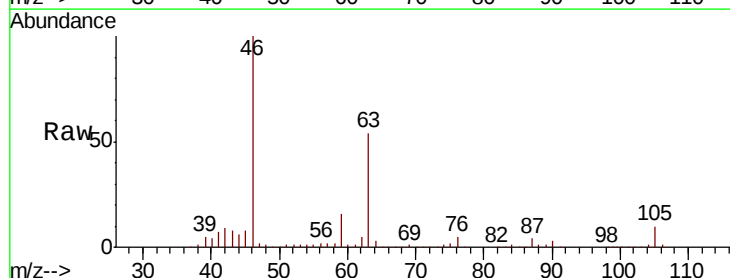
Ion Ratio Lower Upper

43 100

58 26.1 41.0 61.6#

57 27.9 14.4 21.6#

100 1.4 8.6 13.0#

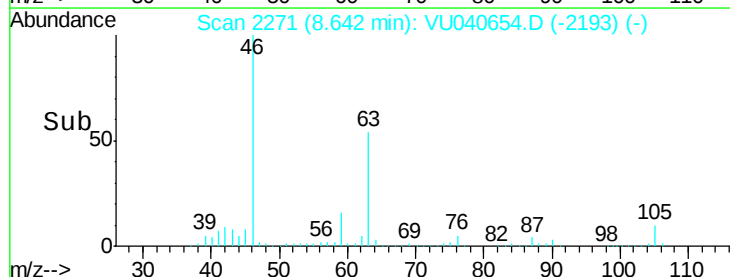
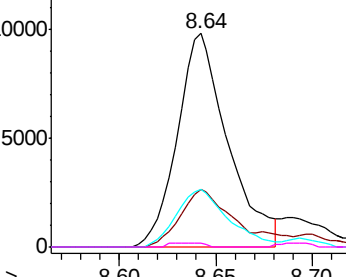


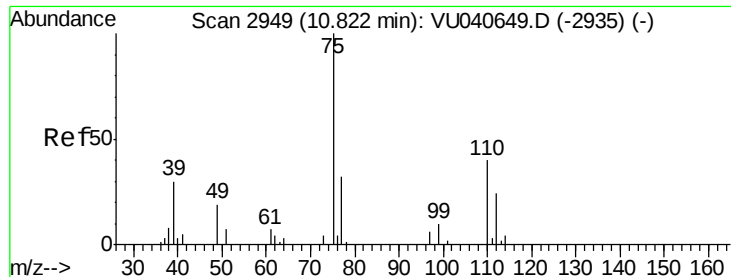
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.908 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040654.D

Acq: 12 Oct 2020 13:05

Instrument :

MSVOA_U

ClientSampleId :

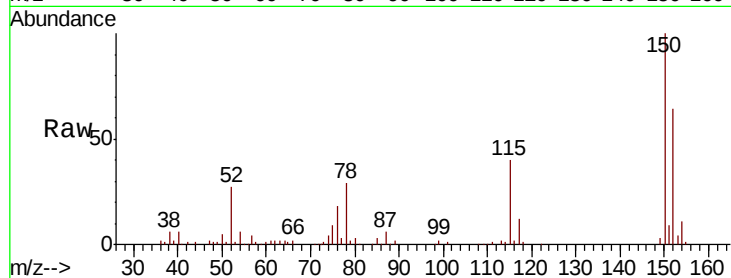
YQX6

Tot Ion: 75 Resp: 7854

Ion Ratio Lower Upper

75 100

77 34.5 26.4 39.6



Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

