

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040658.D
 Acq On : 12 Oct 2020 14:37
 Operator : SY/MD
 Sample : L4345-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY0

Quant Time: Oct 13 04:41:29 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	123089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41165	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.92	69	36072	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.58	63	64020	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.66	46	167998	51.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.94%
24) Chloroform-d	5.08	84	86893	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	52713	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.75	84	156249	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	53688	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.91	98	125129	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	20426	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	113867	45.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46670	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	50213	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

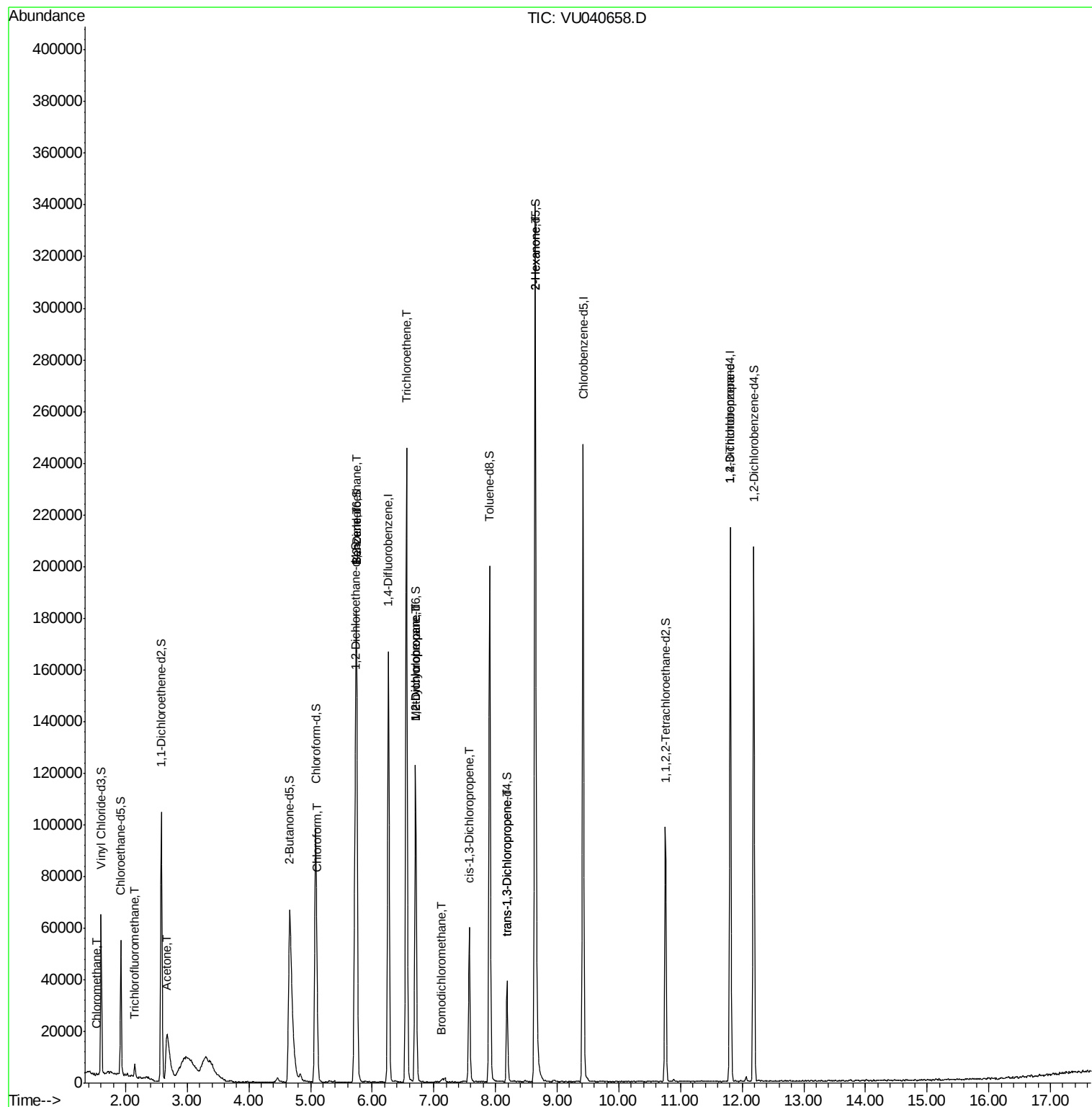
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	740	0.071	ug/L	99
9) Trichlorofluoromethane	2.15	101	2876	0.182	ug/L	95
13) Acetone	2.67	43	57973	22.915	ug/L	62
25) Chloroform	5.11	83	12381	0.638	ug/L	92
27) 1,2-Dichloroethane	5.75	62	1133	0.082	ug/L #	77
33) Benzene	5.75	78	1283	0.031	ug/L	100
34) Trichloroethene	6.56	95	81838	7.633	ug/L	99
35) Methylcyclohexane	6.70	83	13035	0.857	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6105	0.530	ug/L #	87
38) Bromodichloromethane	7.12	83	525	0.036	ug/L #	68
39) cis-1,3-Dichloropropene	7.57	75	1331	0.085	ug/L #	68
44) trans-1,3-Dichloropropene	8.19	75	932	0.064	ug/L #	47
48) 2-Hexanone	8.64	43	17103	2.500	ug/L #	77
59) 1,2,3-Trichloropropane	11.81	75	7438	0.879	ug/L	93

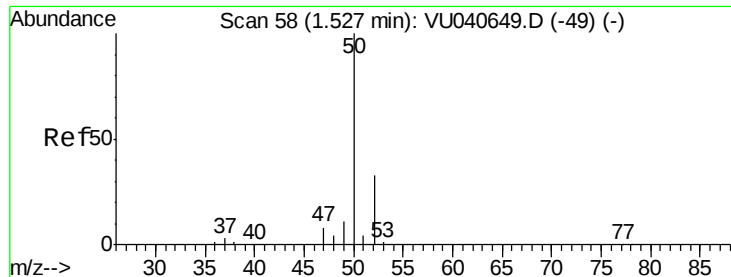
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.071 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040658.D

Acq: 12 Oct 2020 14:37

Instrument :

MSVOA_U

ClientSampleId :

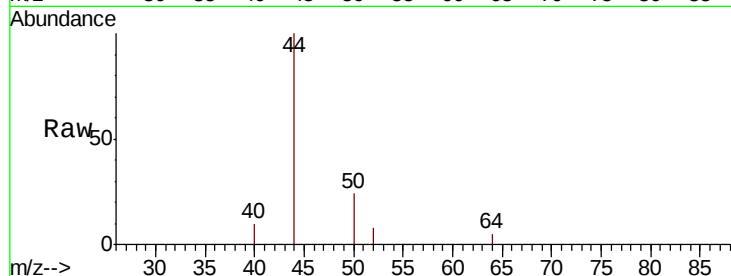
YAQY0

Tot Ion: 50 Resp: 740

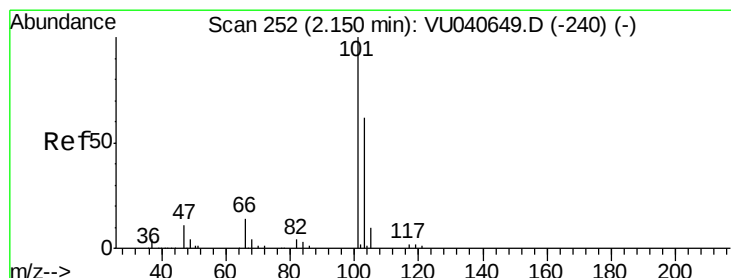
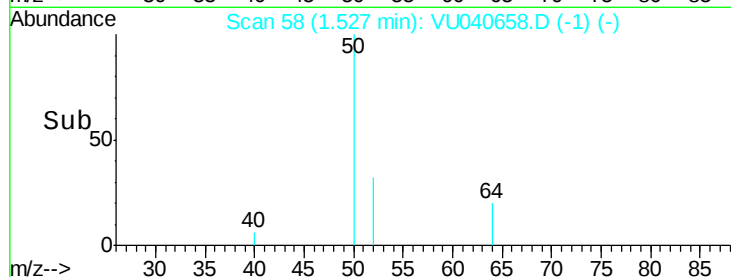
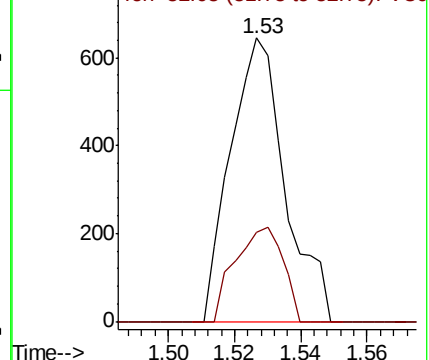
Ion Ratio Lower Upper

50 100

52 31.6 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040658.D (-1) (-)



#9

Trichlorofluoromethane

Concen: 0.182 ug/L

RT: 2.15 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU040658.D

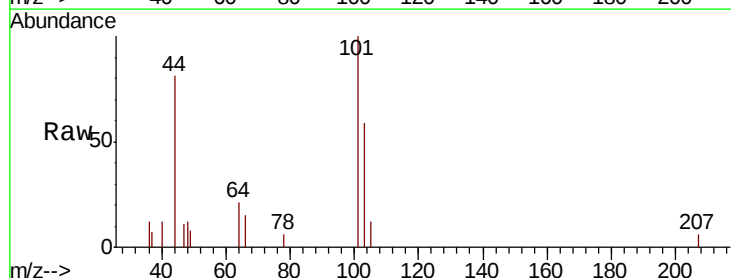
Acq: 12 Oct 2020 14:37

Tgt Ion: 101 Resp: 2876

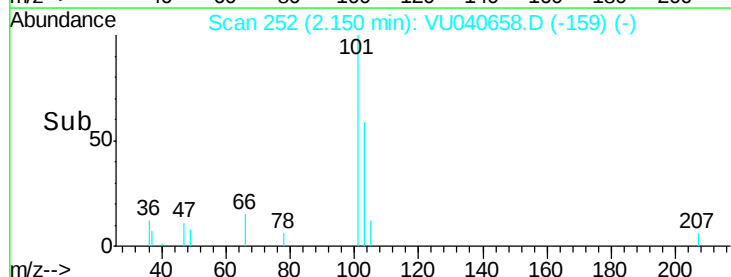
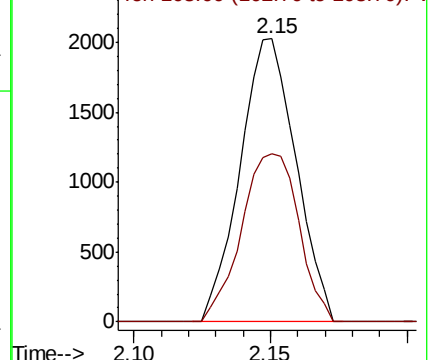
Ion Ratio Lower Upper

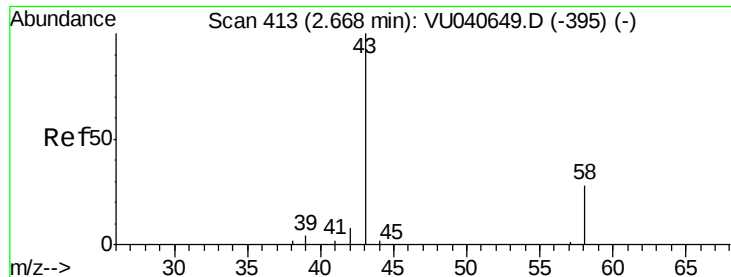
101 100

103 61.0 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): VU040658.D (-159) (-)





#13

Acetone

Concen: 22.915 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU040658.D

Acq: 12 Oct 2020 14:37

Instrument :

MSVOA_U

ClientSampleId :

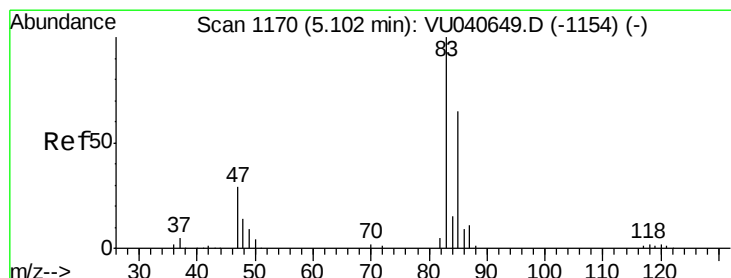
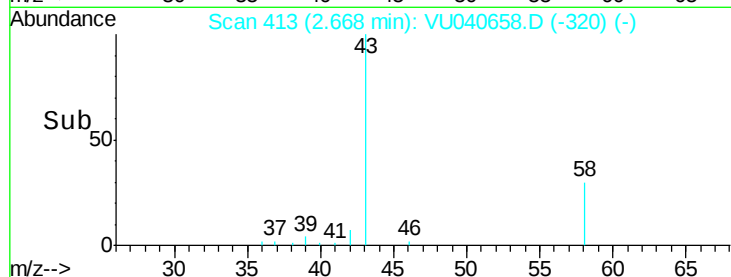
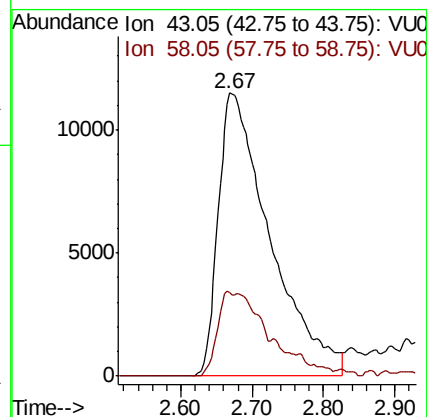
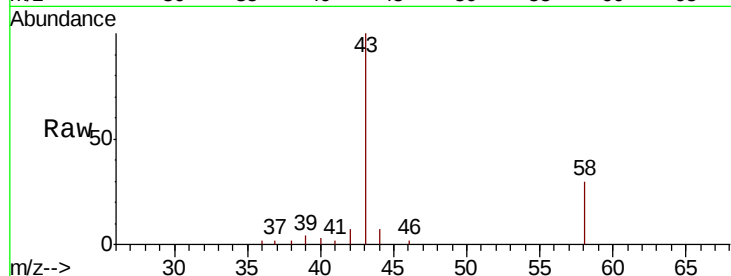
YAQY0

Tot Ion: 43 Resp: 57973

Ion Ratio Lower Upper

43 100

58 9.6 0.0 60.6



#25

Chloroform

Concen: 0.638 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040658.D

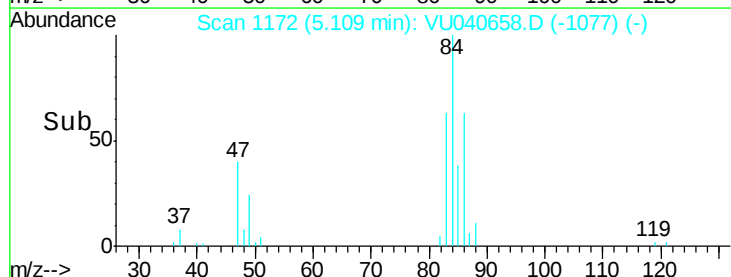
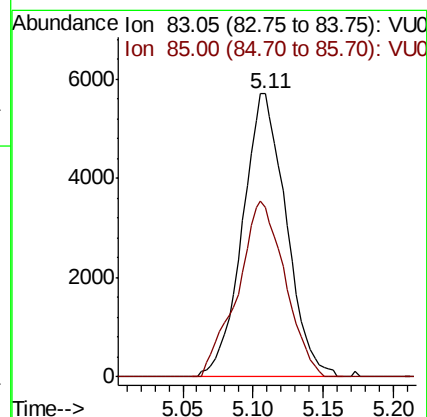
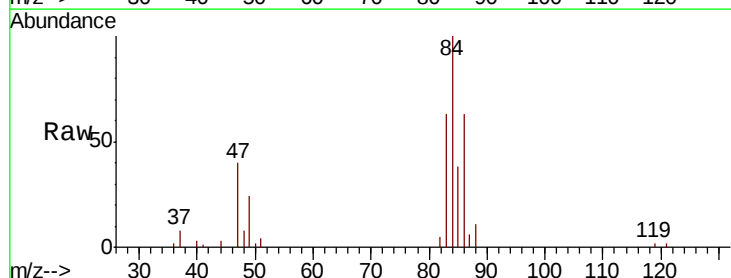
Acq: 12 Oct 2020 14:37

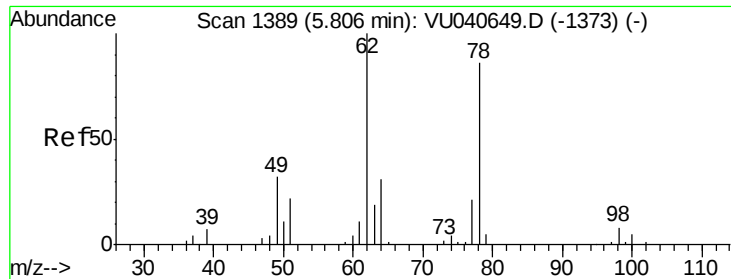
Tgt Ion: 83 Resp: 12381

Ion Ratio Lower Upper

83 100

85 59.7 46.5 86.5

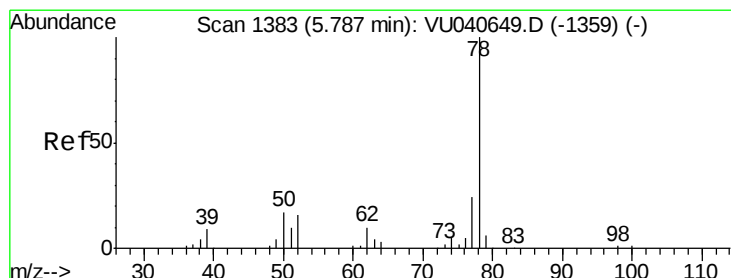
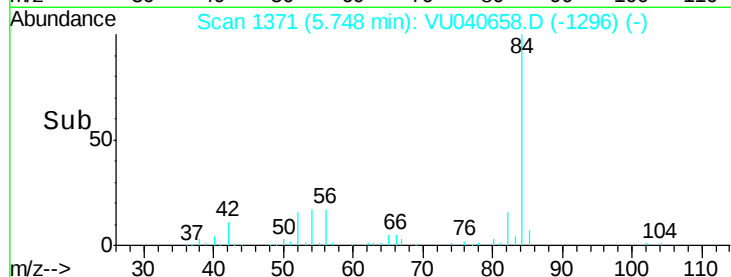
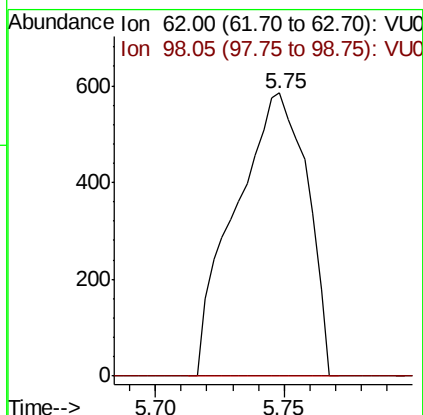
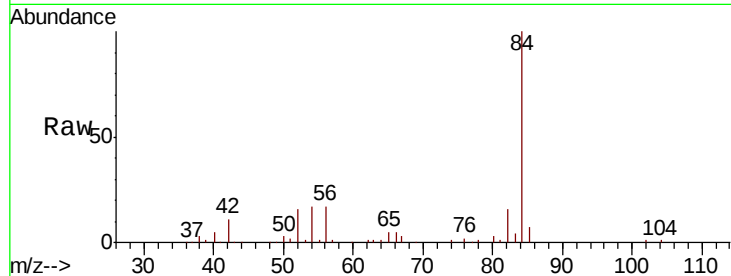




#27
 1,2-Dichloroethane
 Concen: 0.082 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU040658.D
 Acq: 12 Oct 2020 14:37

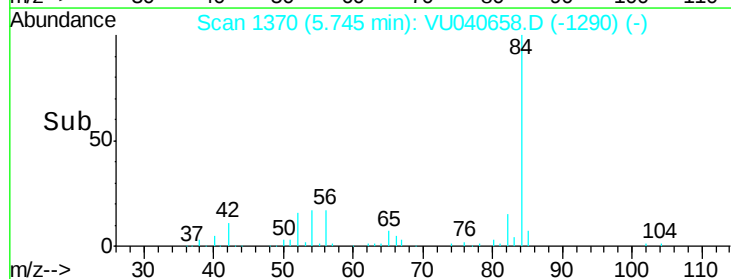
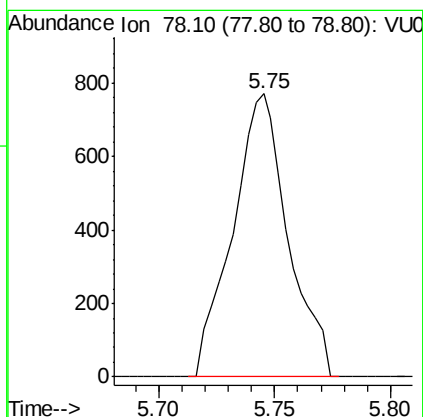
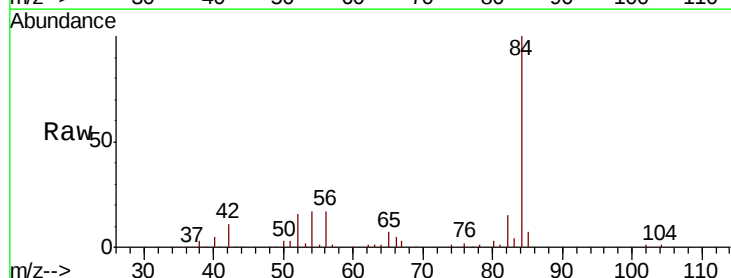
Instrument :
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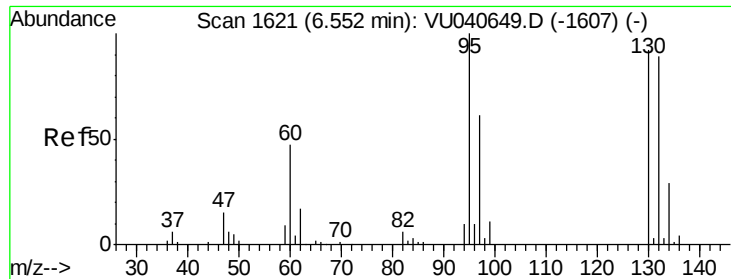
Tot Ion: 62 Resp: 1133
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#33
 Benzene
 Concen: 0.031 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU040658.D
 Acq: 12 Oct 2020 14:37

Tgt Ion: 78 Resp: 1283

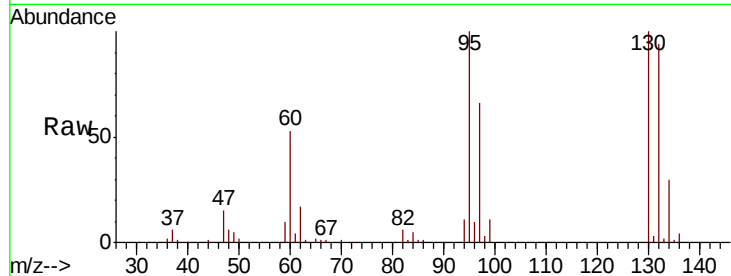




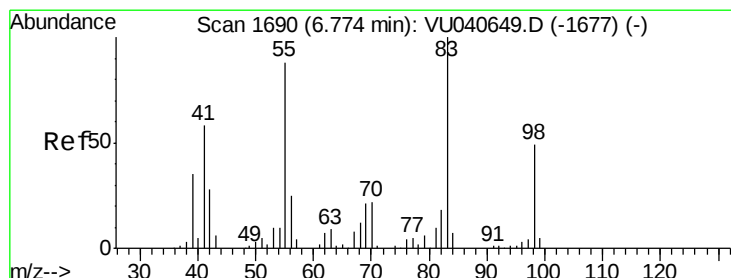
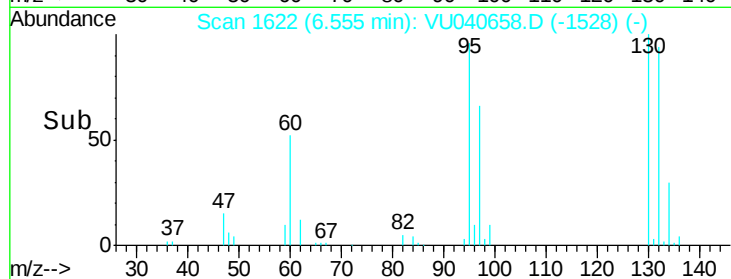
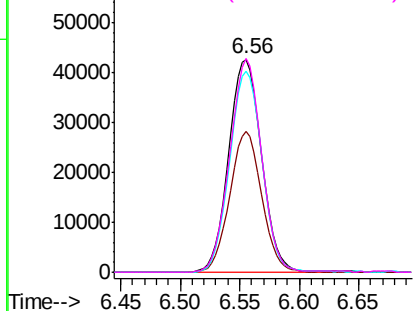
#34
 Trichloroethene
 Concen: 7.633 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040658.D
 Acq: 12 Oct 2020 14:37

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY0

Tot Ion: 95 Resp: 81838
 Ion Ratio Lower Upper
 95 100
 97 66.0 45.5 84.5
 132 94.3 67.5 125.4
 130 100.5 69.9 129.9

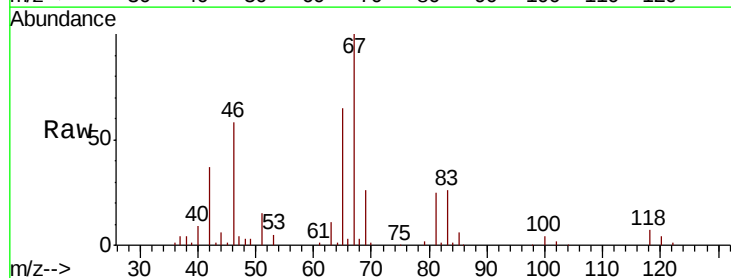


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

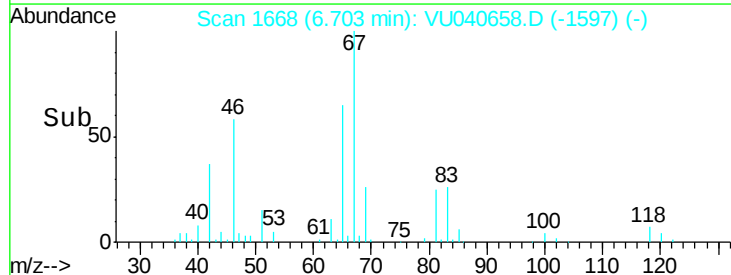
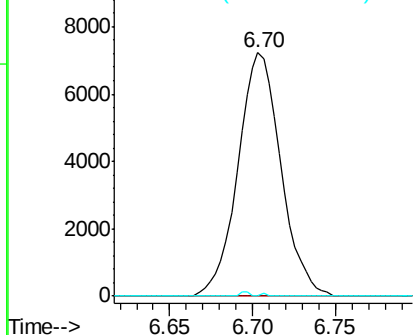


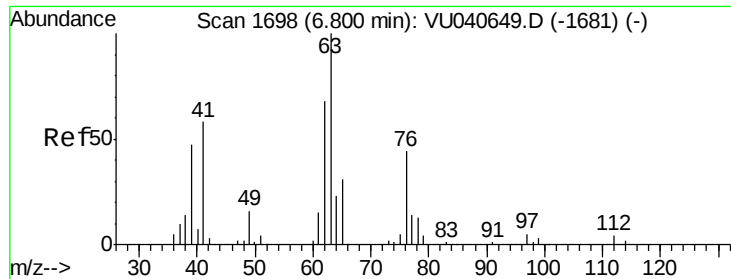
#35
 Methylcyclohexane
 Concen: 0.857 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040658.D
 Acq: 12 Oct 2020 14:37

Tgt Ion: 83 Resp: 13035
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.7 106.1#
 98 0.0 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: 0.530 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040658.D

Acq: 12 Oct 2020 14:37

Instrument :

MSVOA_U

ClientSampleId :

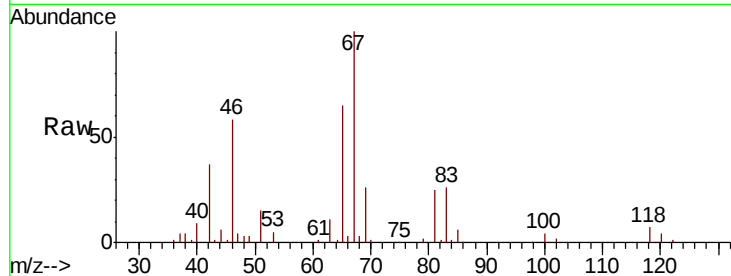
YAQY0

Tot Ion: 63 Resp: 6105

Ion Ratio Lower Upper

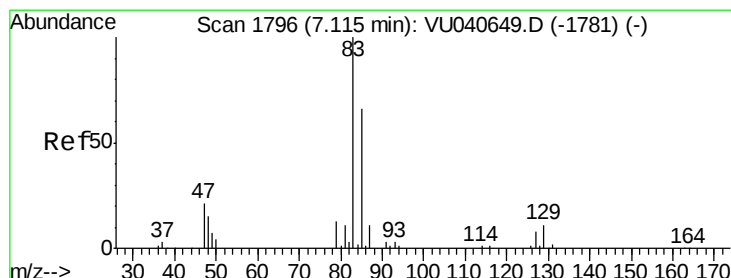
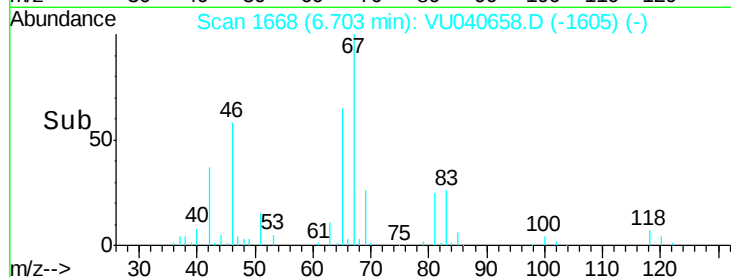
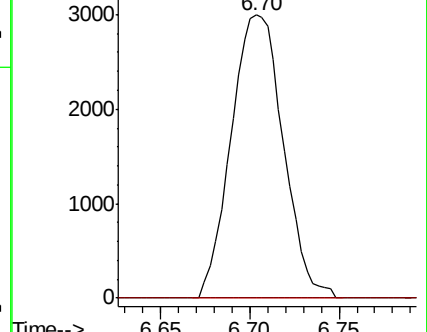
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU040649.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU040649.D (-1681) (-)



#38

Bromodichloromethane

Concen: 0.036 ug/L

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU040658.D

Acq: 12 Oct 2020 14:37

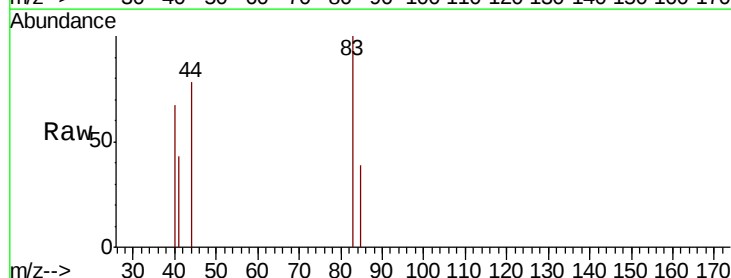
Tgt Ion: 83 Resp: 525

Ion Ratio Lower Upper

83 100

85 39.2 46.0 85.4#

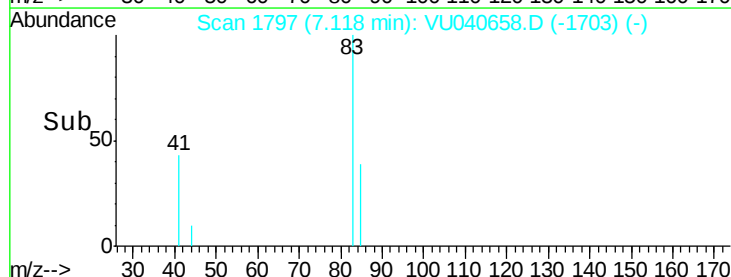
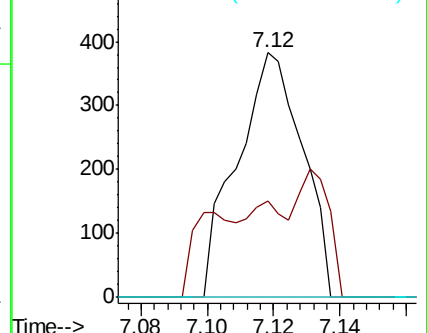
127 0.0 6.7 10.1#

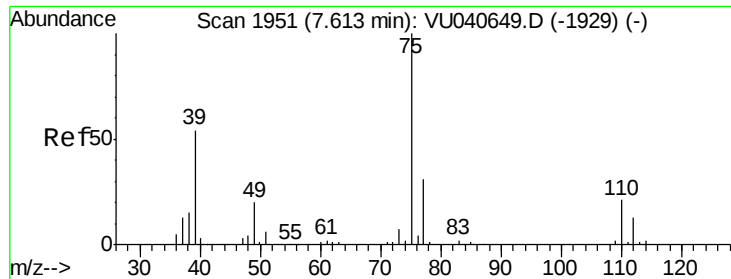


Abundance Ion 82.95 (82.65 to 83.65): VU040649.D (-1781) (-)

Ion 85.00 (84.70 to 85.70): VU040649.D (-1781) (-)

Ion 126.90 (126.60 to 127.60): VU040649.D (-1781) (-)

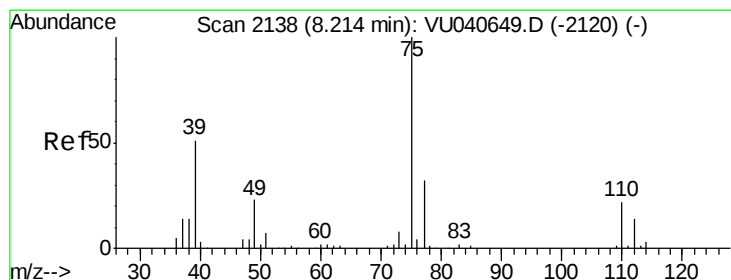
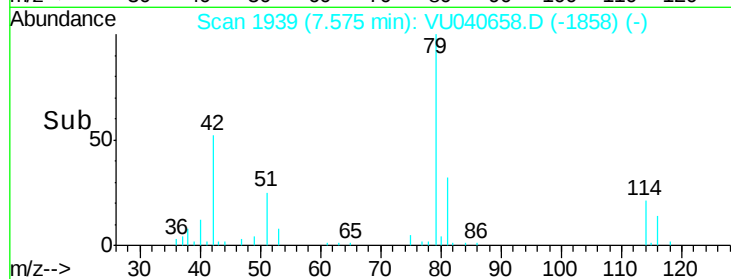
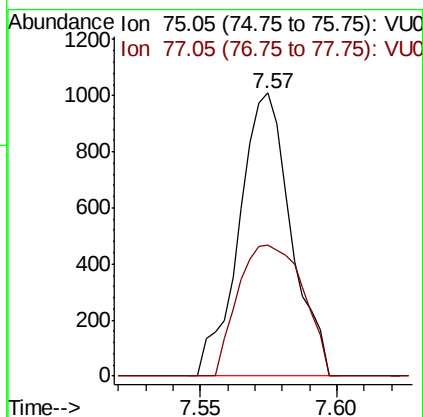
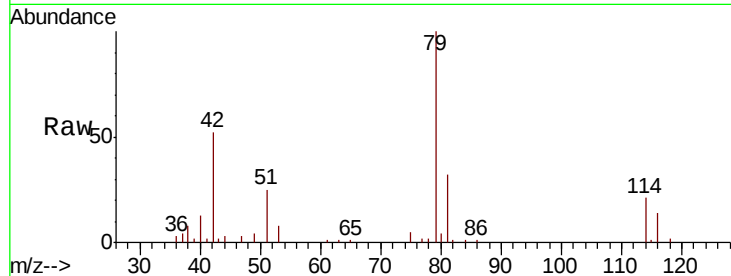




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040658.D
 Acq: 12 Oct 2020 14:37

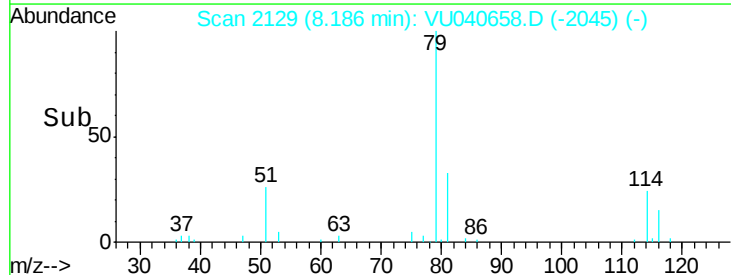
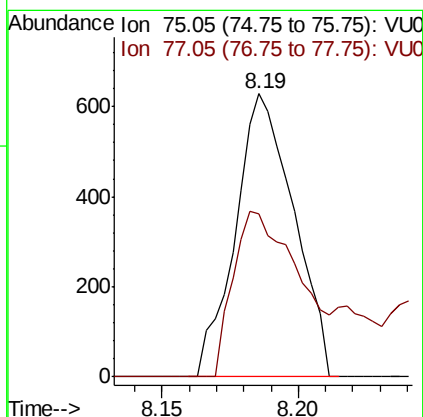
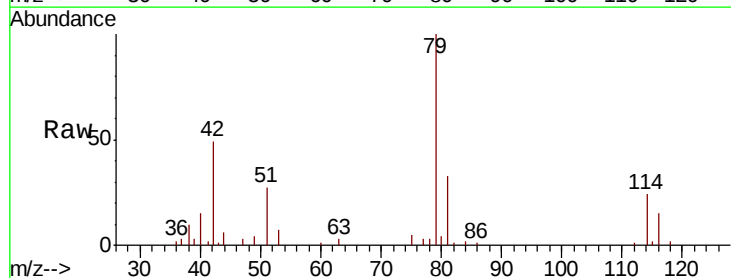
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 YAQY0

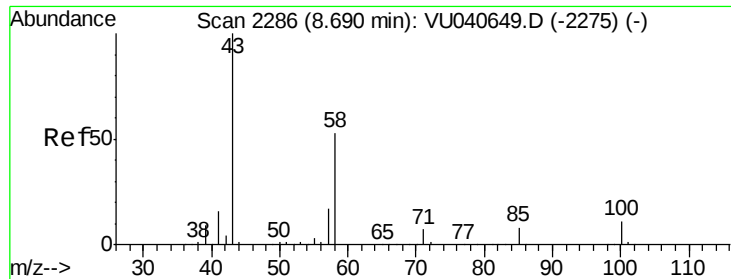
Tot Ion: 75 Resp: 1331
 Ion Ratio Lower Upper
 75 100
 77 46.4 20.5 38.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.064 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040658.D
 Acq: 12 Oct 2020 14:37

Tgt Ion: 75 Resp: 932
 Ion Ratio Lower Upper
 75 100
 77 57.5 20.4 38.0#

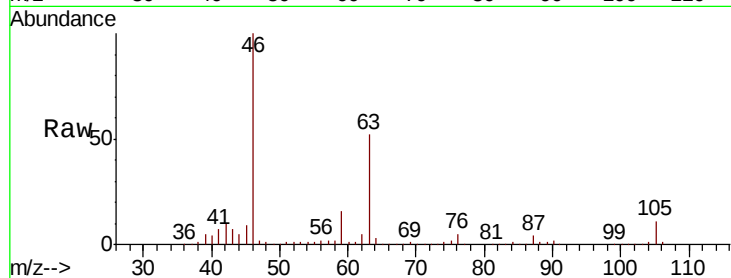




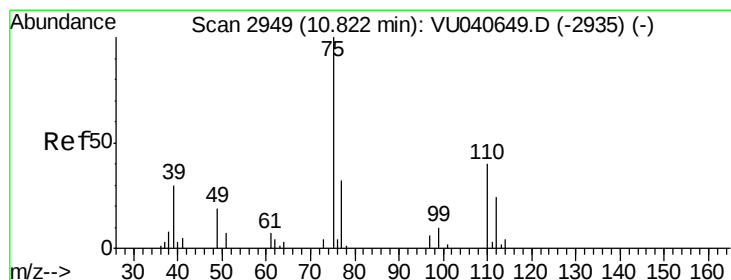
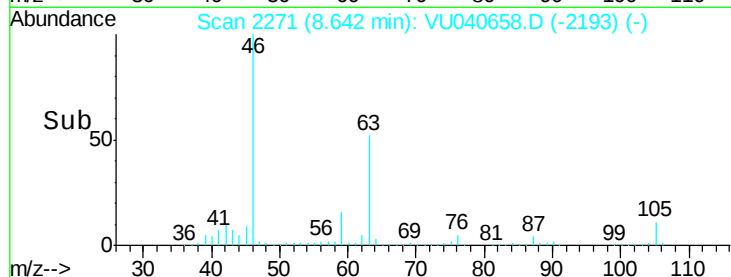
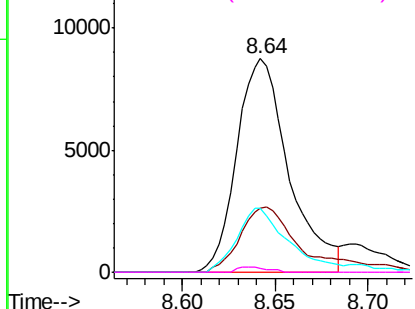
#48
2-Hexanone
Concen: 2.500 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040658.D
Acq: 12 Oct 2020 14:37

Instrument :
MSVOA_U
ClientSampleId :
YAQY0

Tot Ion: 43 Resp: 17103
Ion Ratio Lower Upper
43 100
58 36.4 41.0 61.6#
57 29.8 14.4 21.6#
100 1.4 8.6 13.0#

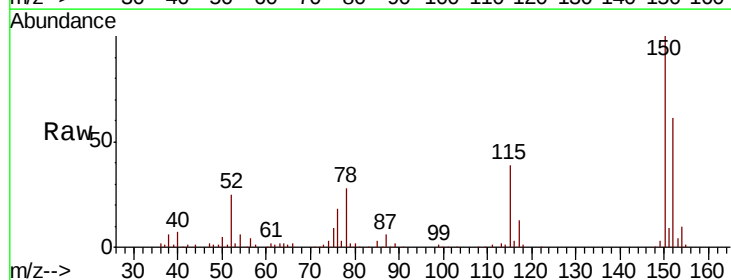


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.879 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040658.D
Acq: 12 Oct 2020 14:37

Tgt Ion: 75 Resp: 7438
Ion Ratio Lower Upper
75 100
77 37.1 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

