

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\
 Data File : VU040679.D
 Acq On : 13 Oct 2020 13:53
 Operator : SY/MD
 Sample : L4346-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ4

Quant Time: Oct 14 06:05:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 14 05:57:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38977	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.92	69	35481	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.58	63	61473	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.66	46	163601	48.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.04%
24) Chloroform-d	5.08	84	83922	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	51641	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.74	84	149048	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.70	67	52757	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.91	98	116641	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	8.19	79	19454	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.64	63	112986	43.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.68%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	46809	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48448	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

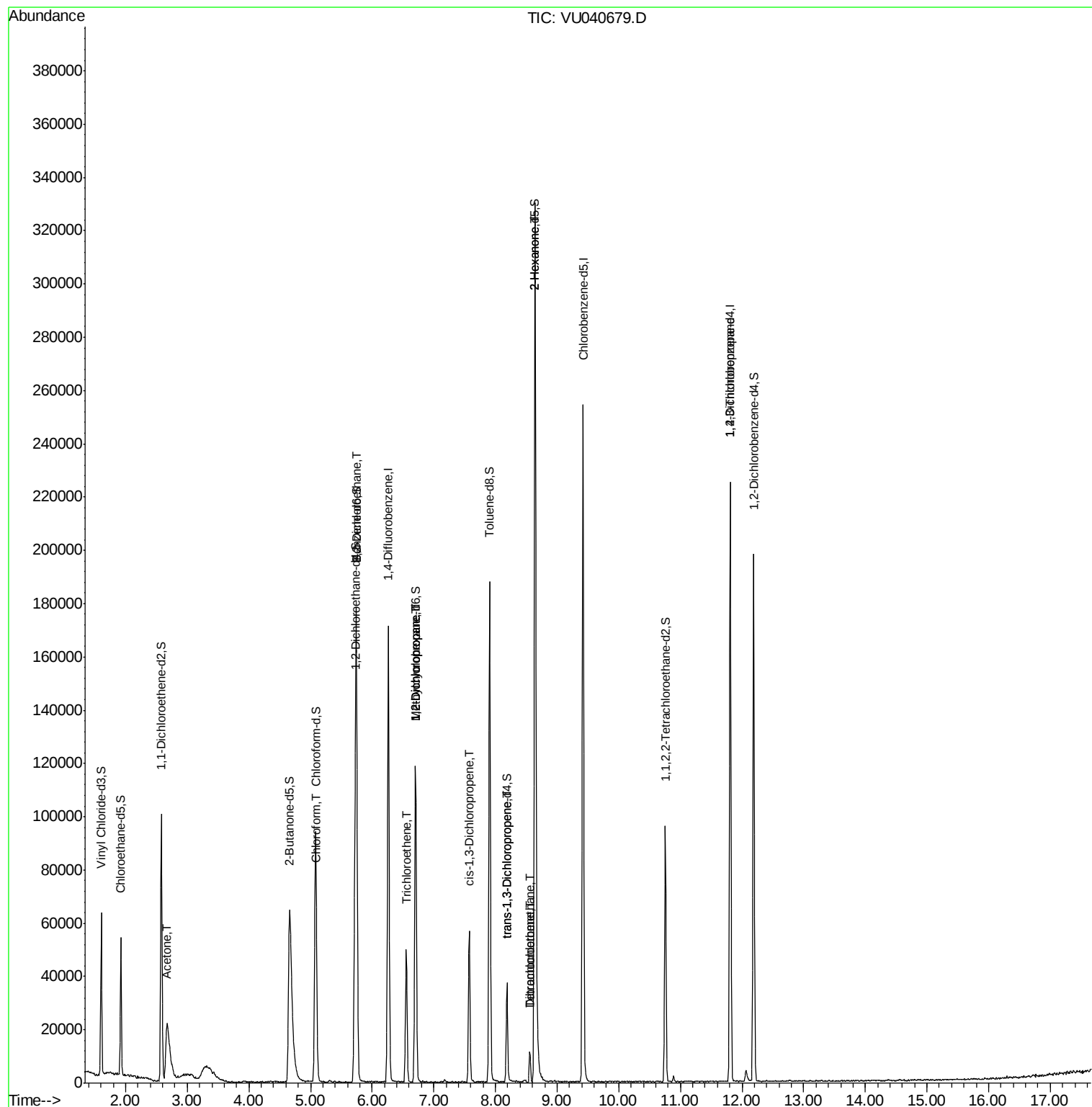
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	69874	26.461	ug/L	78
25) Chloroform	5.11	83	4044	0.200	ug/L	94
27) 1,2-Dichloroethane	5.74	62	772	0.054	ug/L #	77
34) Trichloroethene	6.56	95	16230	1.478	ug/L	97
35) Methylcyclohexane	6.70	83	12371	0.795	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6102	0.517	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1335	0.083	ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	931	0.063	ug/L #	65
47) Tetrachloroethene	8.56	164	2391	0.305	ug/L	89
48) 2-Hexanone	8.64	43	16600	2.370	ug/L #	74
49) Dibromochloromethane	8.56	129	2289	0.225	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	7479	0.863	ug/L #	88

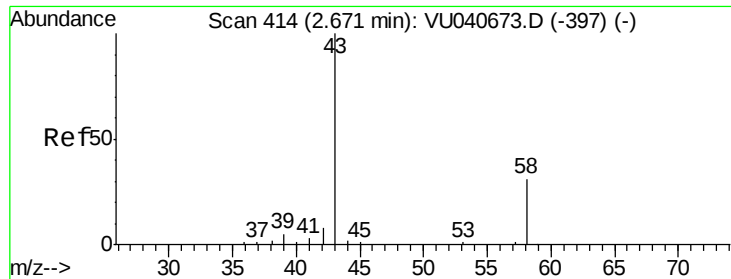
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.461 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU040679.D

Acq: 13 Oct 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

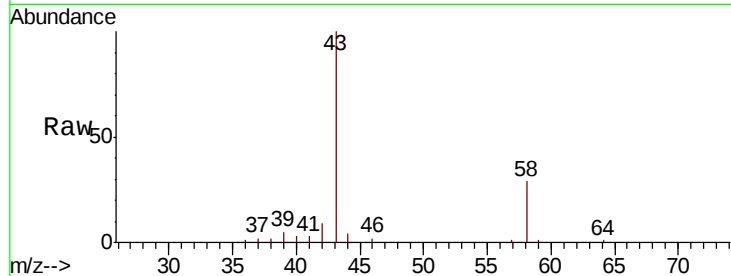
YQZ4

Tot Ion: 43 Resp: 69874

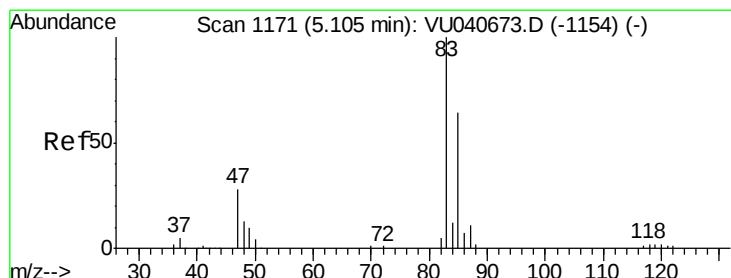
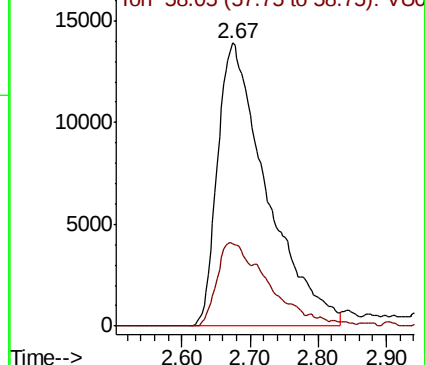
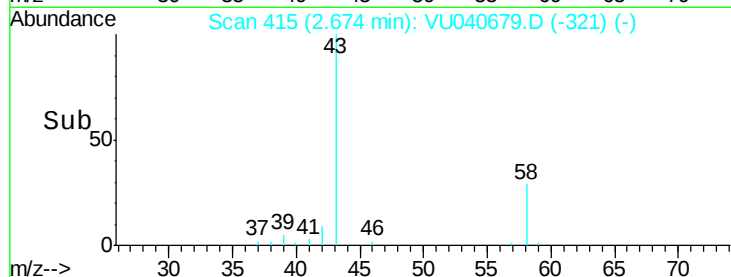
Ion Ratio Lower Upper

43 100

58 18.3 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040679.D (-321) (-)



#25

Chloroform

Concen: 0.200 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040679.D

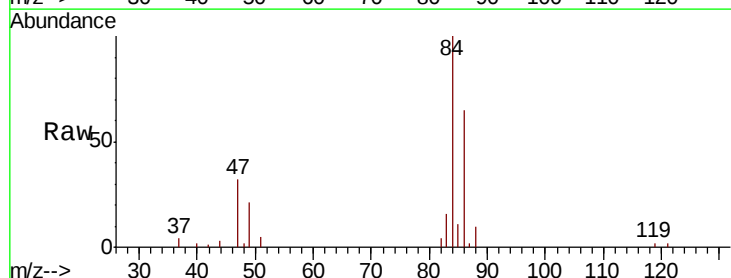
Acq: 13 Oct 2020 13:53

Tgt Ion: 83 Resp: 4044

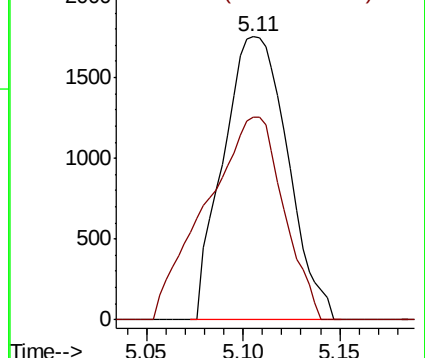
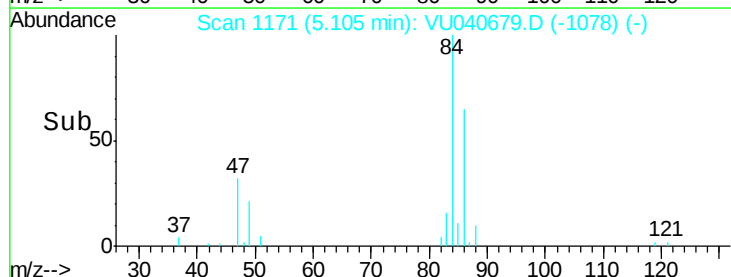
Ion Ratio Lower Upper

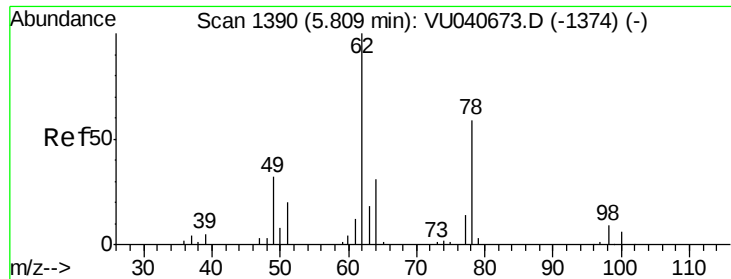
83 100

85 71.5 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040679.D (-1078) (-)





#27

1,2-Dichloroethane

Concen: 0.054 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU040679.D

Acq: 13 Oct 2020 13:53

Instrument :

MSVOA_U

ClientSampled :

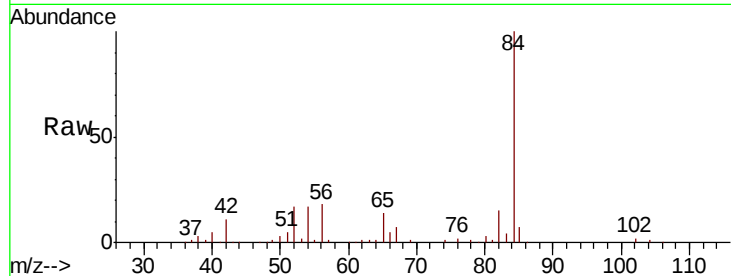
YQZ4

Tot Ion: 62 Resp: 772

Ion Ratio Lower Upper

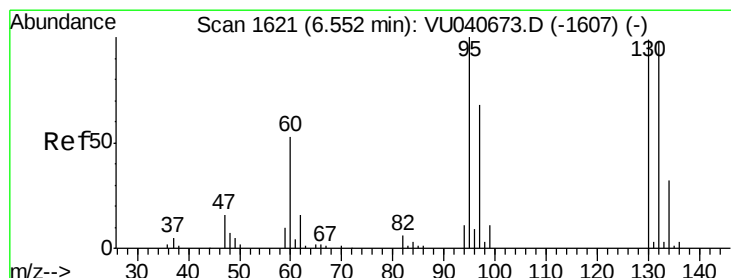
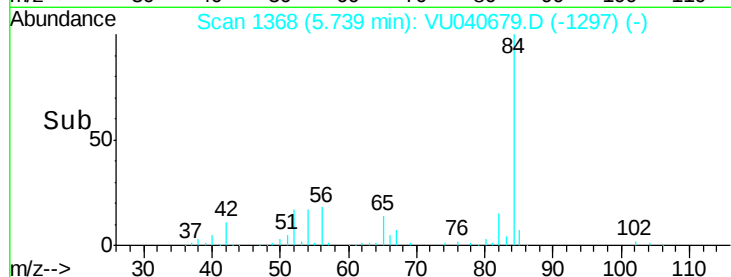
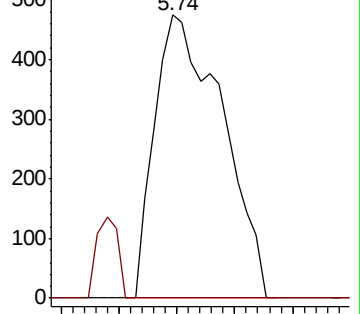
62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#34

Trichloroethene

Concen: 1.478 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040679.D

Acq: 13 Oct 2020 13:53

Tgt Ion: 95 Resp: 16230

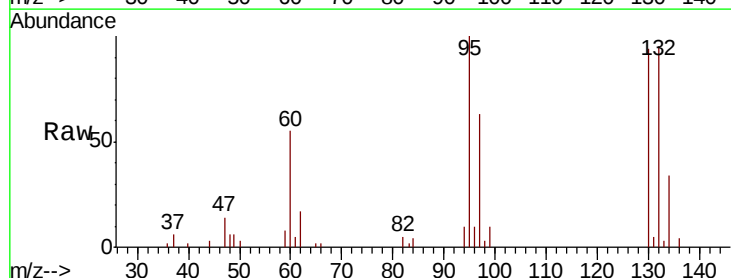
Ion Ratio Lower Upper

95 100

97 63.5 45.5 84.5

132 94.7 67.5 125.4

130 93.8 69.9 129.9

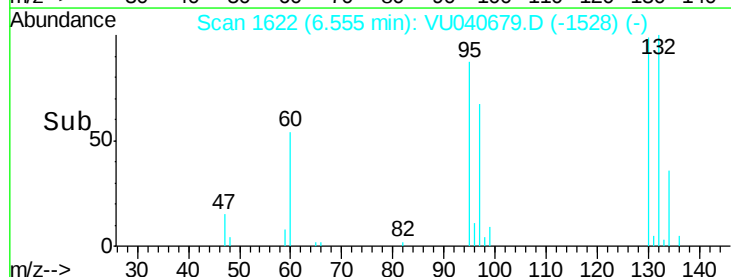
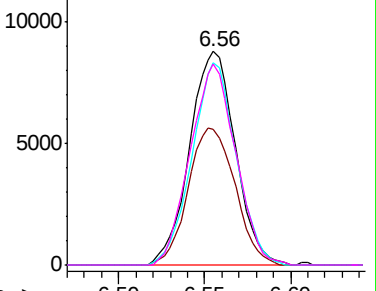


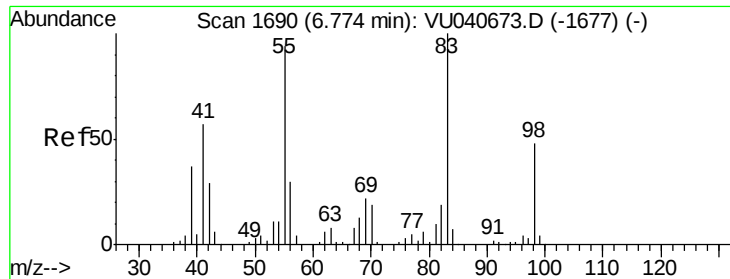
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

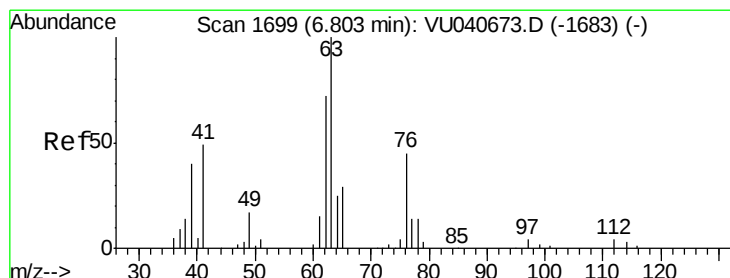
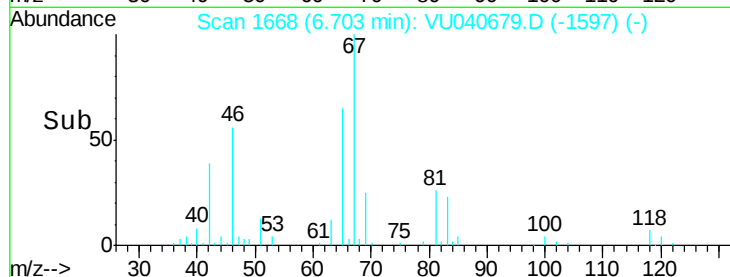
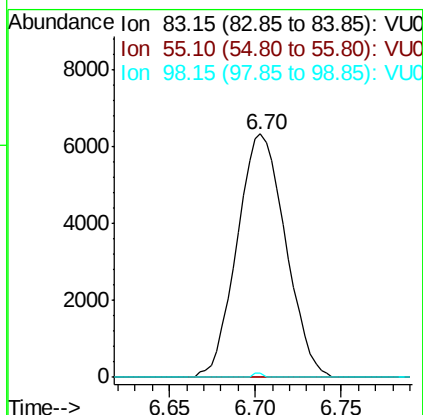
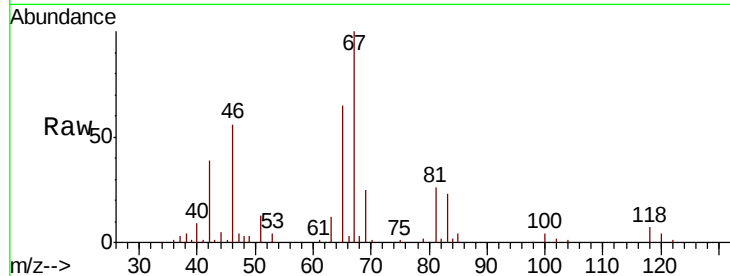




#35
Methvlcvclohexane
Concen: 0.795 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040679.D
Acq: 13 Oct 2020 13:53

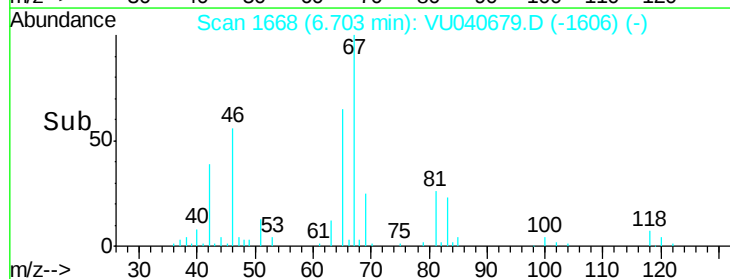
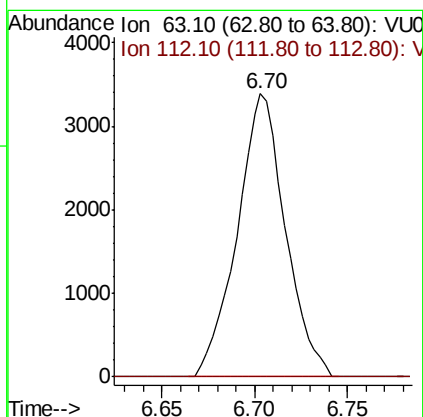
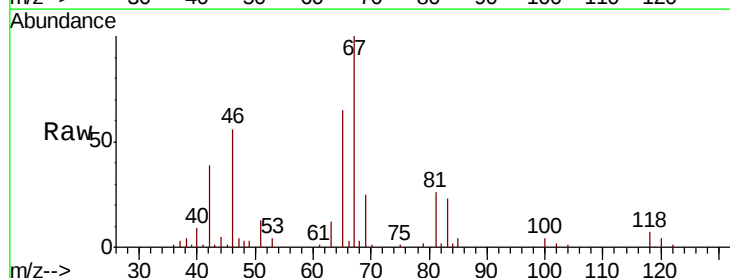
Instrument :
MSVOA_U
ClientSampleId :
YQZ4

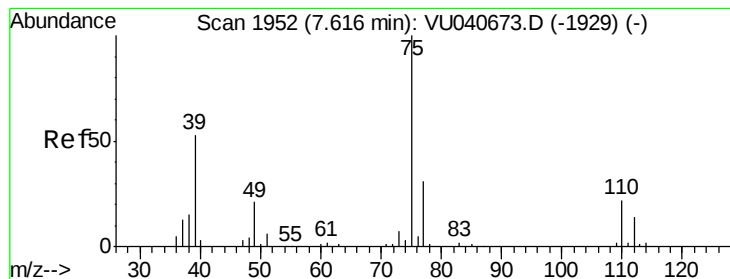
Tot Ion: 83 Resp: 12371
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.3 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040679.D
Acq: 13 Oct 2020 13:53

Tgt Ion: 63 Resp: 6102
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



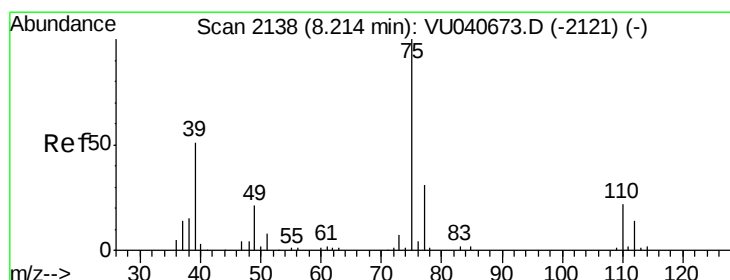
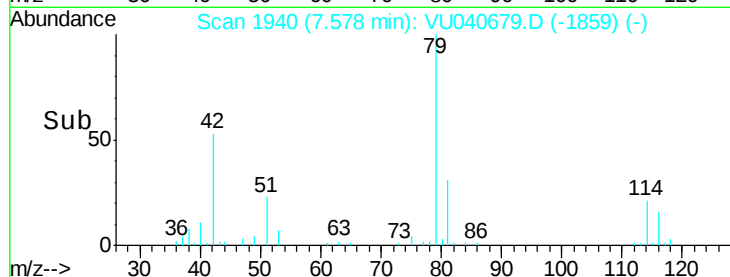
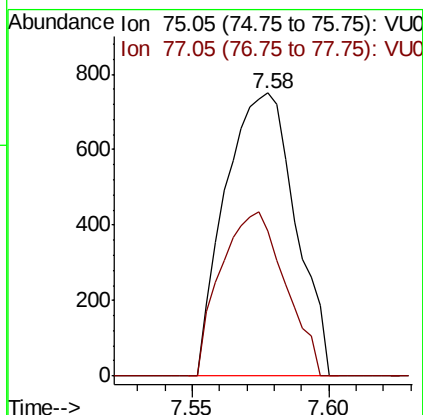
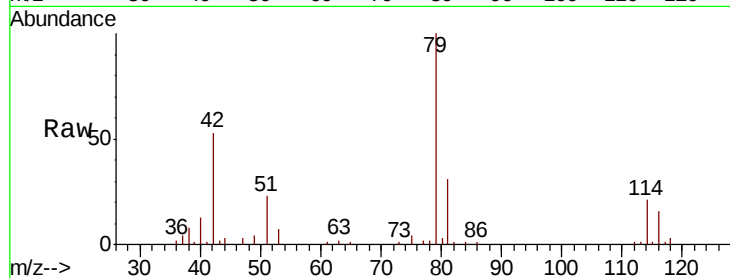


#39

cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040679.D
Acq: 13 Oct 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
YQZ4

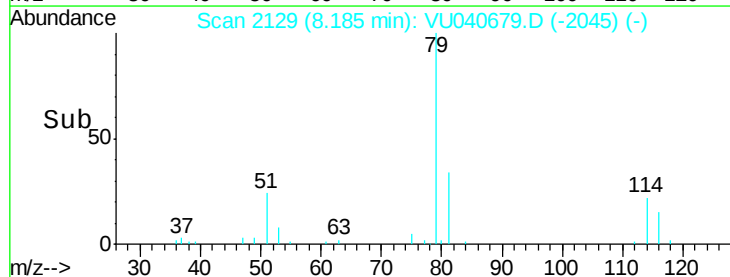
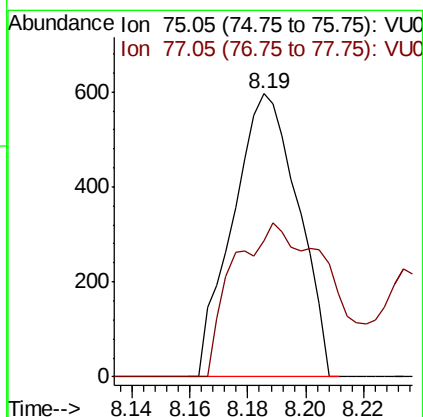
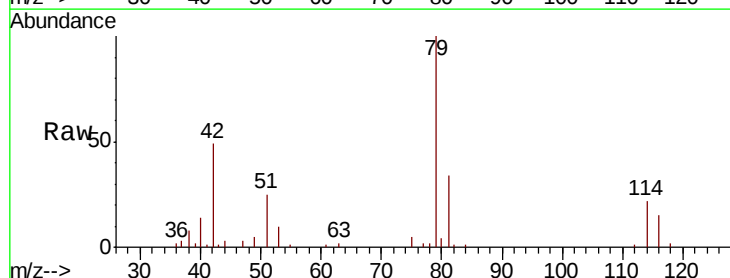
Tot Ion: 75 Resp: 1335
Ion Ratio Lower Upper
75 100
77 51.3 20.5 38.1#

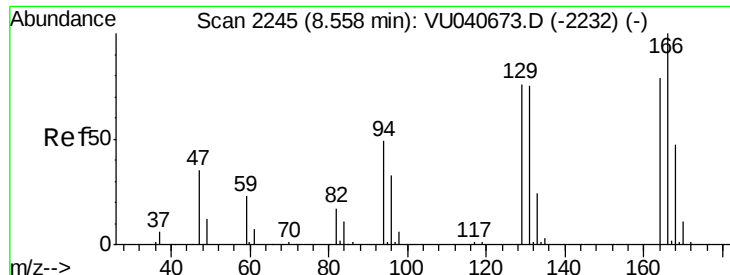


#44

trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040679.D
Acq: 13 Oct 2020 13:53

Tgt Ion: 75 Resp: 931
Ion Ratio Lower Upper
75 100
77 48.0 20.4 38.0#





#47

Tetrachloroethene

Concen: 0.305 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040679.D

Acq: 13 Oct 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

YAZ4

Tot Ion:164 Resp: 2391

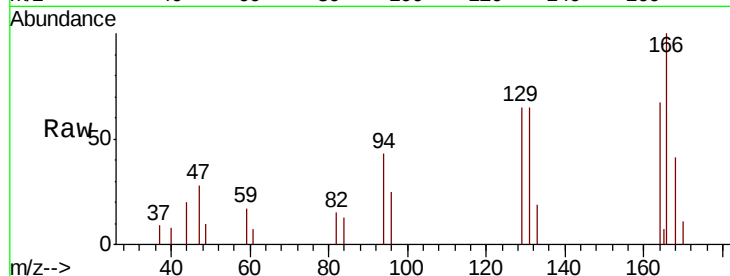
Ion Ratio Lower Upper

164 100

129 97.5 68.8 127.8

131 96.7 66.7 123.9

166 148.9 83.9 155.7

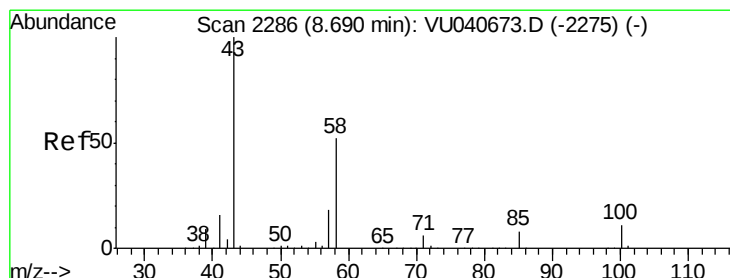
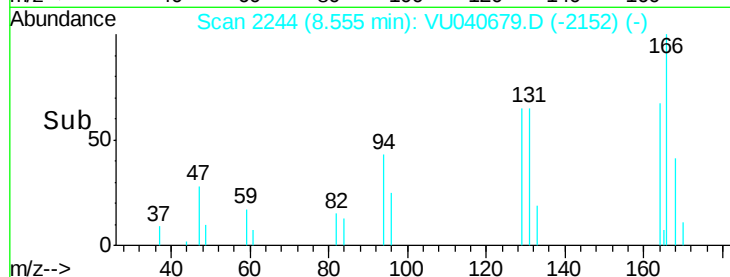
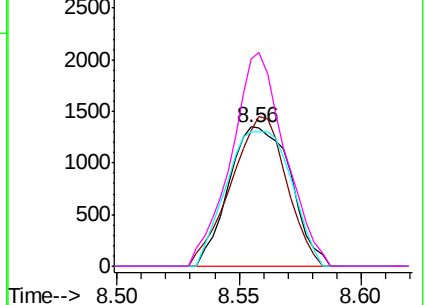


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.370 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040679.D

Acq: 13 Oct 2020 13:53

Tgt Ion: 43 Resp: 16600

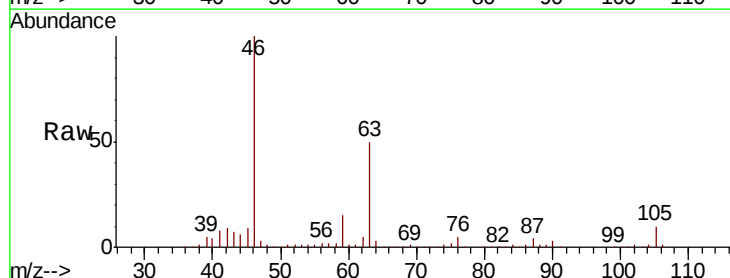
Ion Ratio Lower Upper

43 100

58 33.0 41.0 61.6#

57 30.2 14.4 21.6#

100 1.3 8.6 13.0#

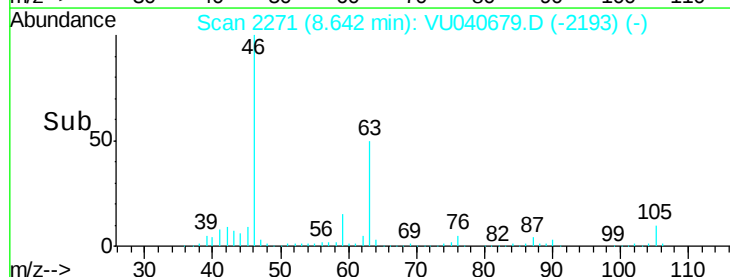
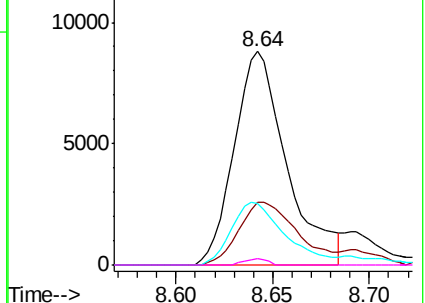


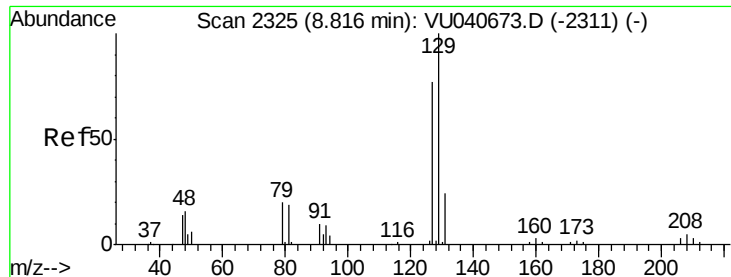
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 0.225 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU040679.D

Acq: 13 Oct 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

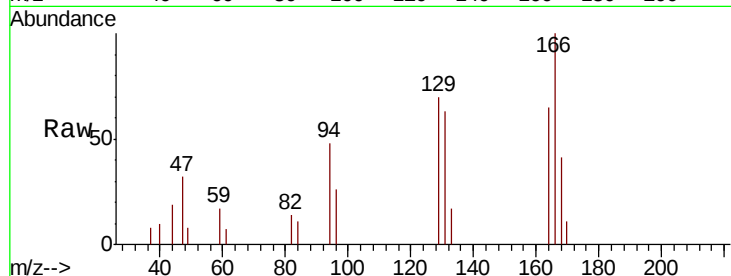
YAZ4

Tot Ion:129 Resp: 2289

Ion Ratio Lower Upper

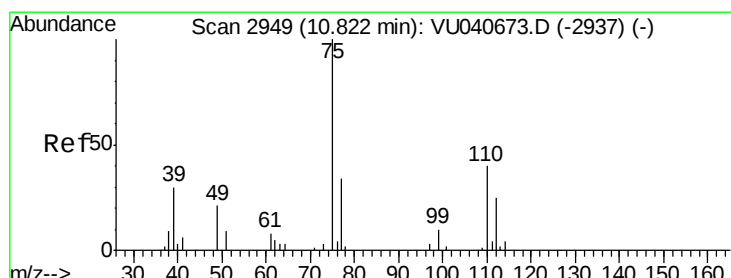
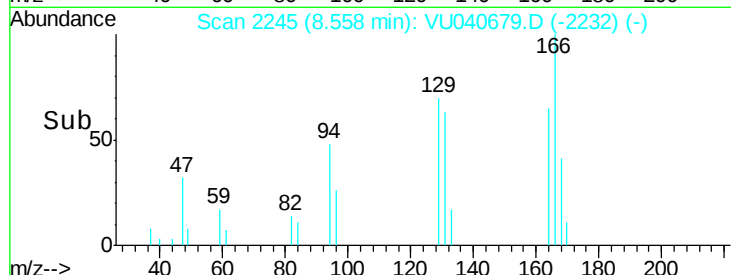
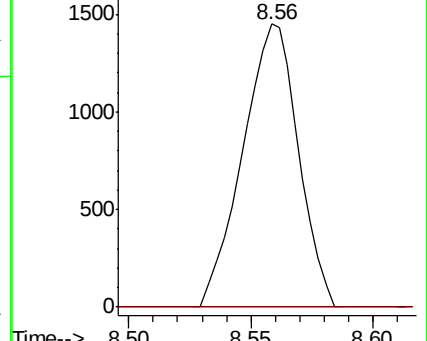
129 100

127 0.0 55.8 103.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.863 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040679.D

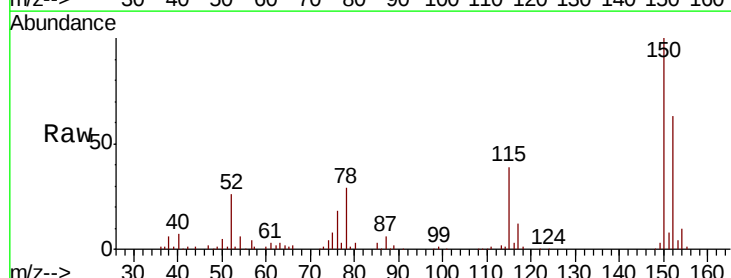
Acq: 13 Oct 2020 13:53

Tgt Ion: 75 Resp: 7479

Ion Ratio Lower Upper

75 100

77 40.0 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

