

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\
 Data File : VU040676.D
 Acq On : 13 Oct 2020 12:42
 Operator : SY/MD
 Sample : L4345-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ1

Quant Time: Oct 14 06:04:36 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	126885	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41336	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.92	69	36531	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.58	63	63930	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.66	46	172204	51.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.36%
24) Chloroform-d	5.08	84	87745	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	53867	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.74	84	156157	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.70	67	55700	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	124559	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.19	79	21741	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	116428	44.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48661	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	51820	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

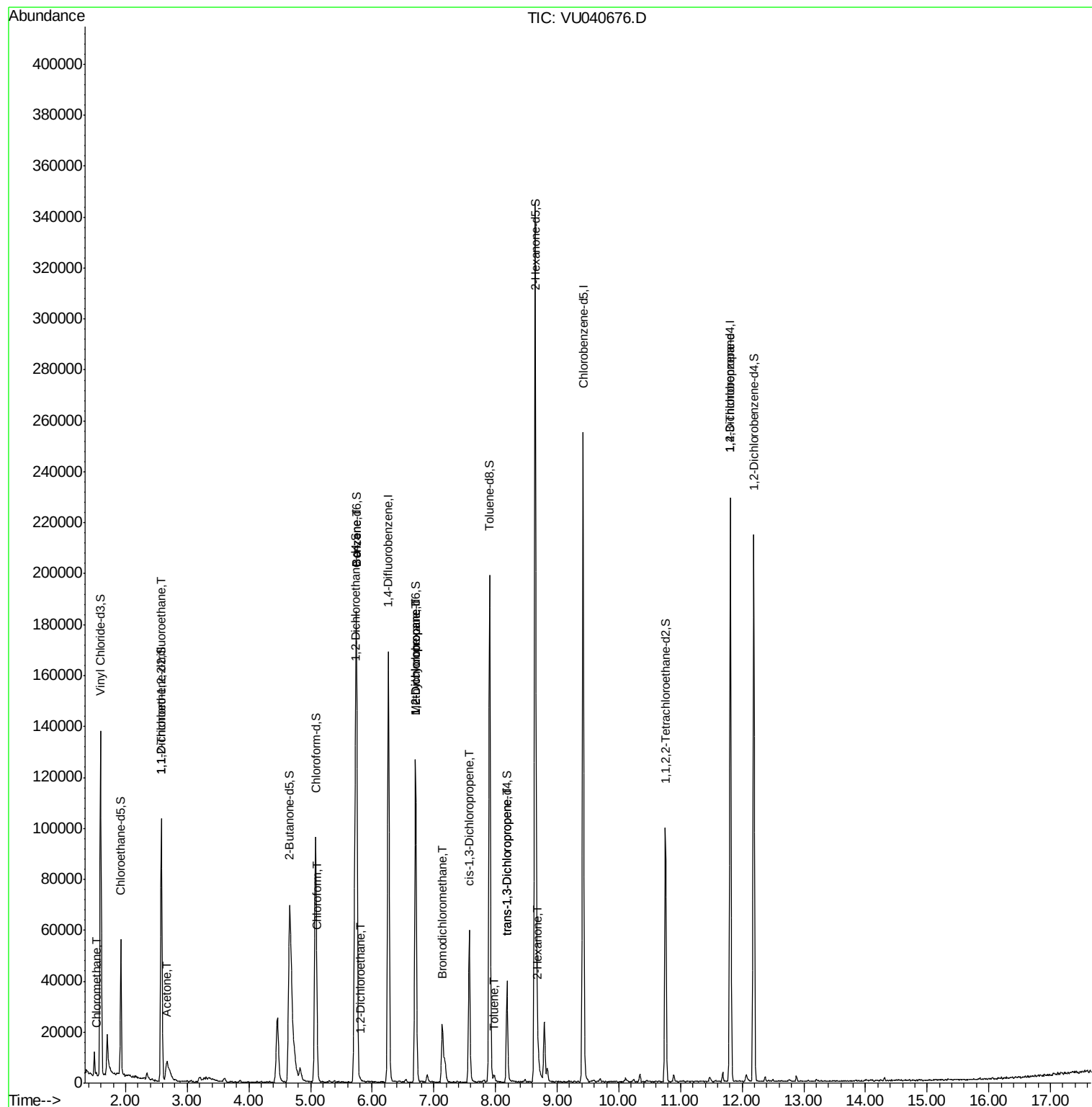
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	929	0.086	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	536	0.051	ug/L #	20
13) Acetone	2.67	43	13416	5.144	ug/L	91
25) Chloroform	5.11	83	1299	0.065	ug/L	80
27) 1,2-Dichloroethane	5.81	62	587	0.041	ug/L #	77
33) Benzene	5.74	78	1839	0.043	ug/L	100
35) Methylcyclohexane	6.70	83	13010	0.830	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5956	0.501	ug/L #	87
38) Bromodichloromethane	7.14	83	550	0.036	ug/L #	1
39) cis-1,3-Dichloropropene	7.58	75	1580	0.097	ug/L #	68
42) Toluene	7.97	91	1718	0.040	ug/L #	74
44) trans-1,3-Dichloropropene	8.18	75	930	0.062	ug/L #	72
48) 2-Hexanone	8.69	43	3701	0.525	ug/L #	92
59) 1,2,3-Trichloropropane	11.81	75	7837	0.898	ug/L	90

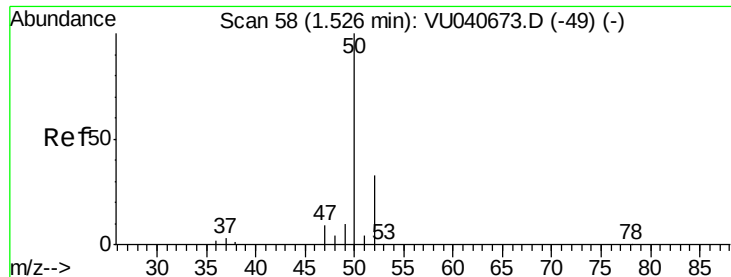
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 05:57:05 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.086 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040676.D

Acq: 13 Oct 2020 12:42

Instrument :

MSVOA_U

ClientSampleId :

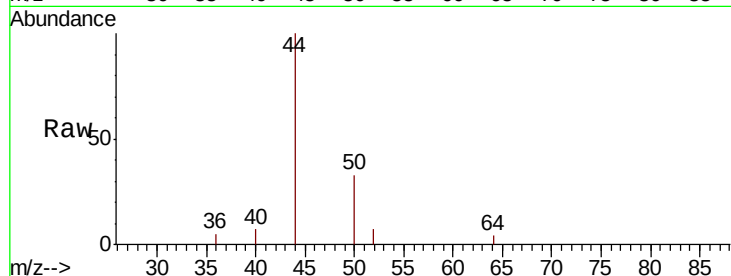
YAZ1

Tot Ion: 50 Resp: 929

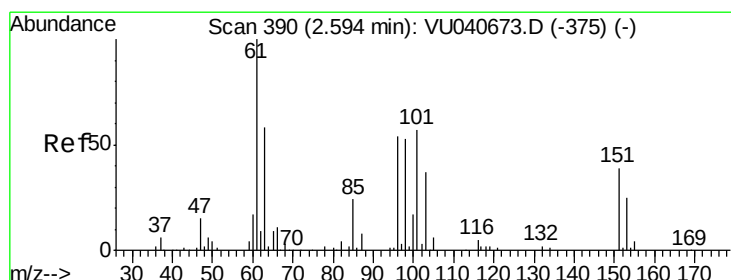
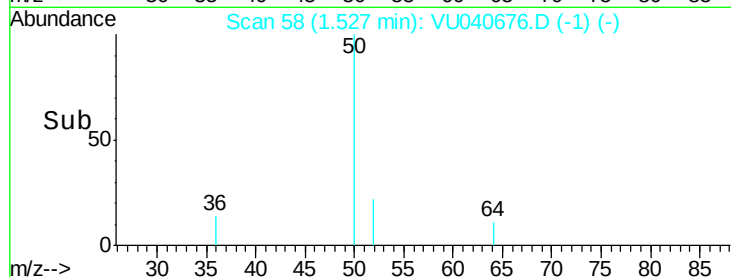
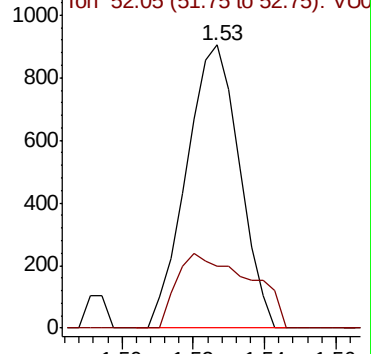
Ion Ratio Lower Upper

50 100

52 21.9 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU040676.D (-1) (-)



#10

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

Concen: 0.051 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040676.D

Acq: 13 Oct 2020 12:42

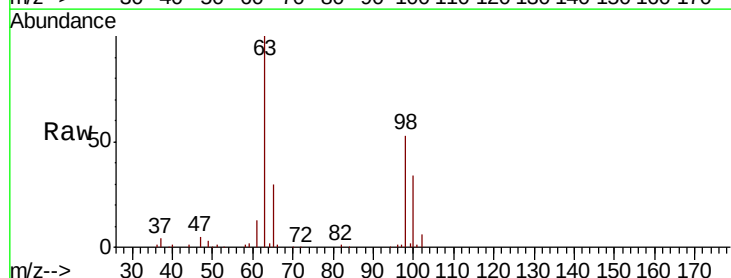
Tgt Ion: 101 Resp: 536

Ion Ratio Lower Upper

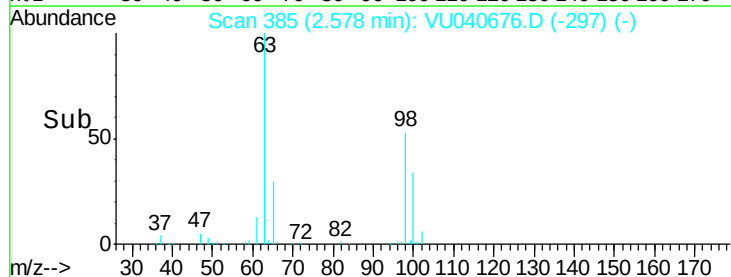
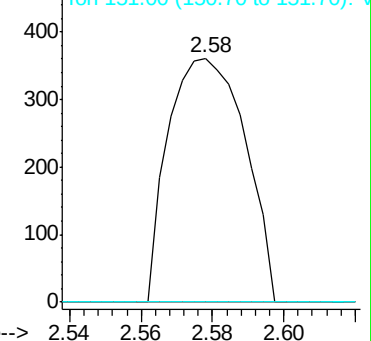
101 100

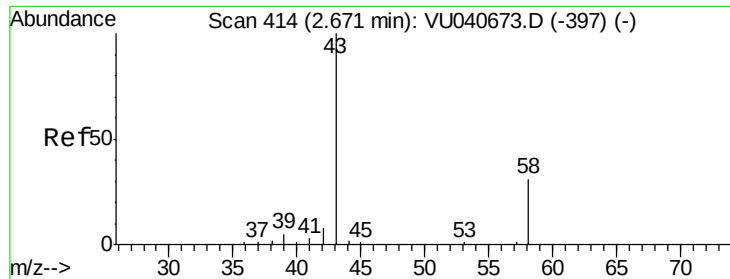
85 0.0 36.7 55.1#

151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): VU040676.D (-297) (-)





#13

Acetone

Concen: 5.144 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU040676.D

Acq: 13 Oct 2020 12:42

Instrument :

MSVOA_U

ClientSampled :

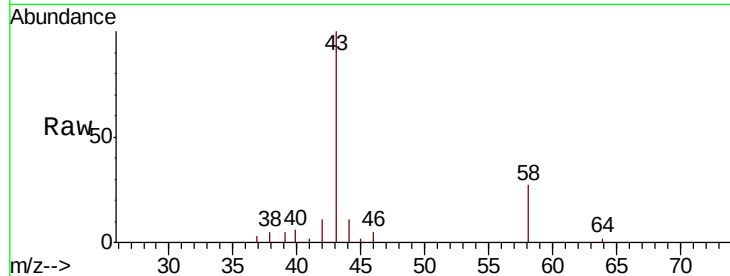
YQZ1

Tot Ion: 43 Resp: 13416

Ion Ratio Lower Upper

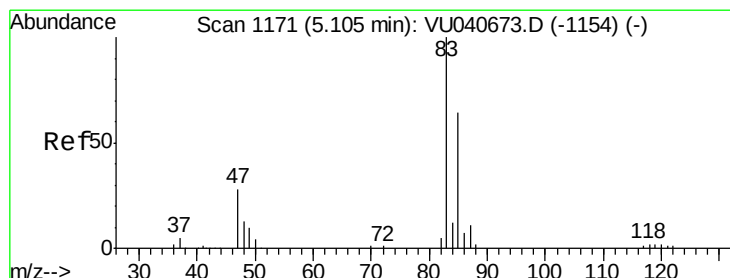
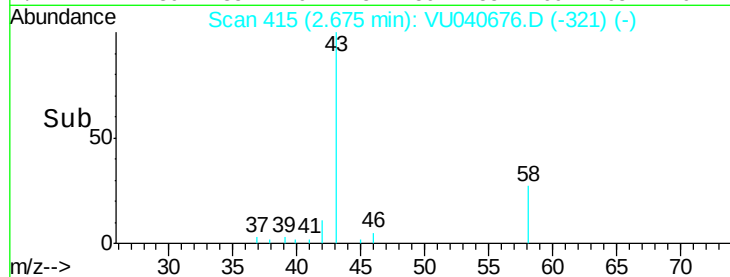
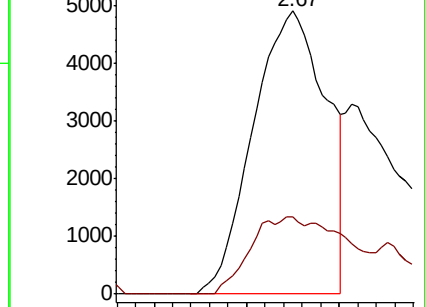
43 100

58 35.3 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040676.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU040676.D (-321) (-)



#25

Chloroform

Concen: 0.065 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040676.D

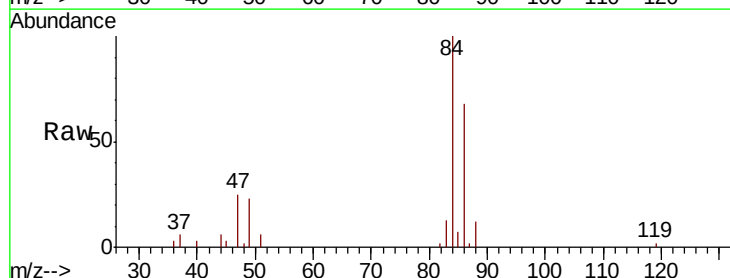
Acq: 13 Oct 2020 12:42

Tgt Ion: 83 Resp: 1299

Ion Ratio Lower Upper

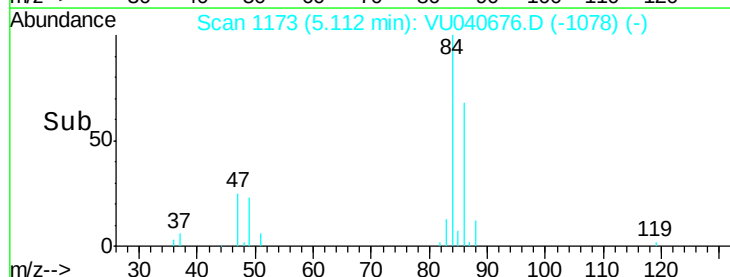
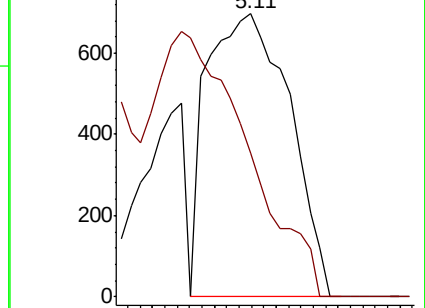
83 100

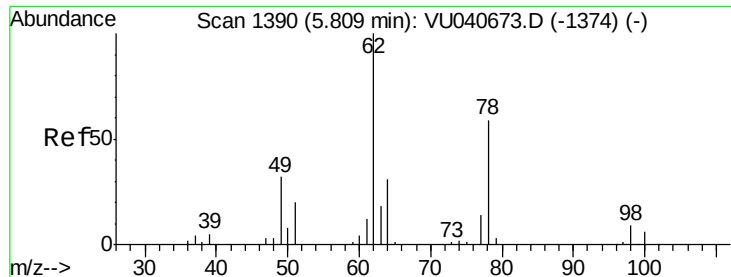
85 50.8 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040676.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040676.D (-1078) (-)

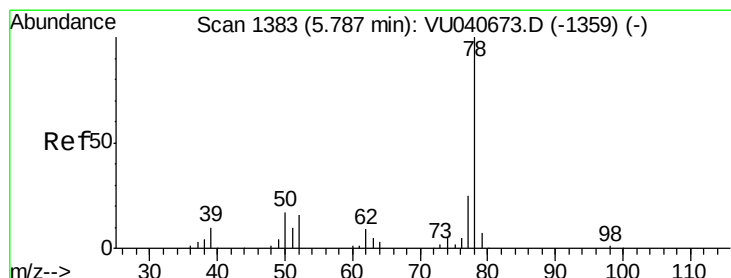
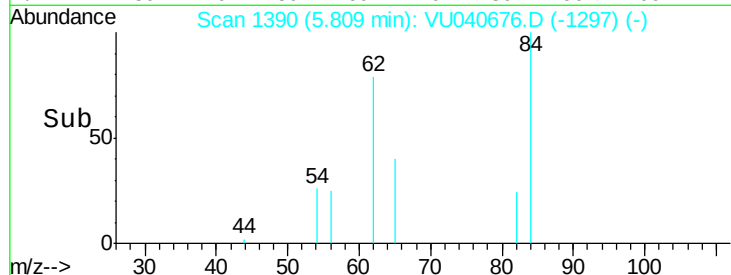
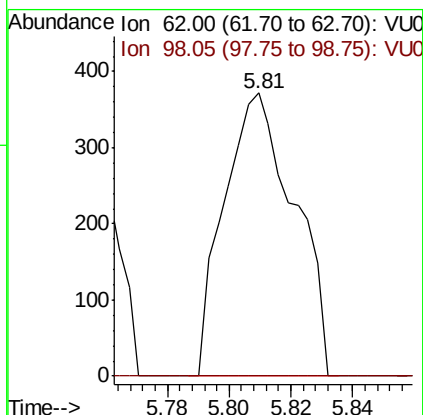
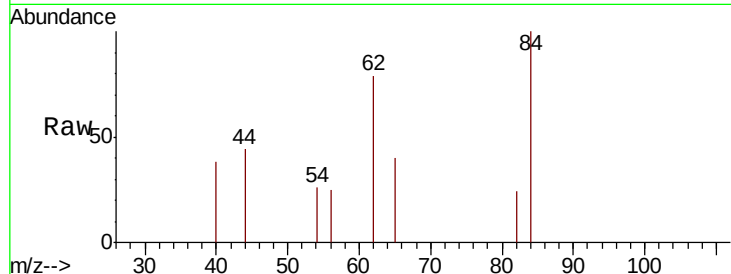




#27
 1,2-Dichloroethane
 Concen: 0.041 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU040676.D
 Acq: 13 Oct 2020 12:42

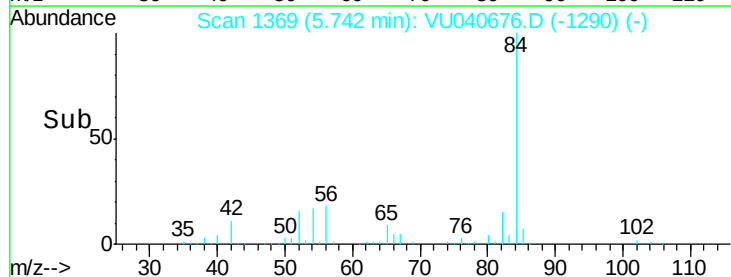
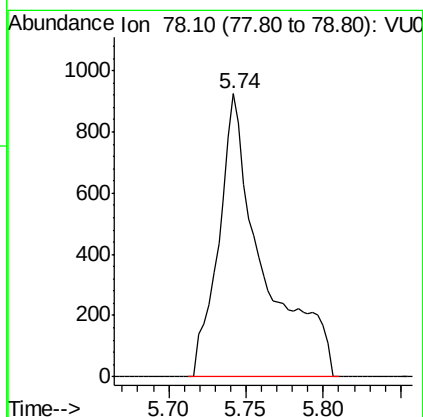
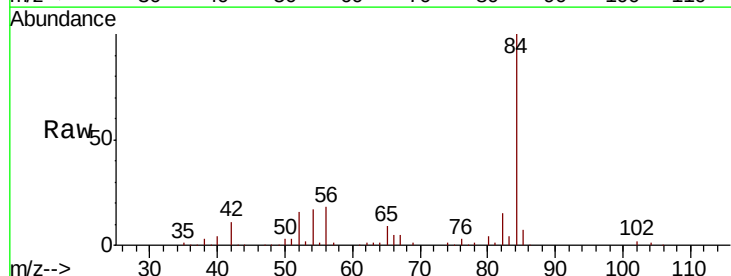
Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ1

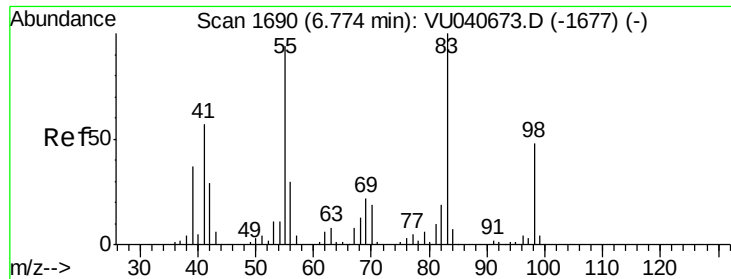
Tot Ion: 62 Resp: 587
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#33
 Benzene
 Concen: 0.043 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: VU040676.D
 Acq: 13 Oct 2020 12:42

Tgt Ion: 78 Resp: 1839

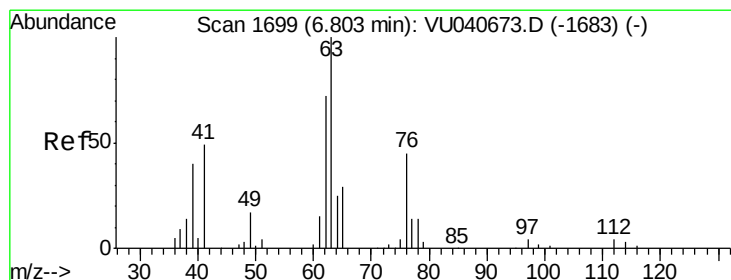
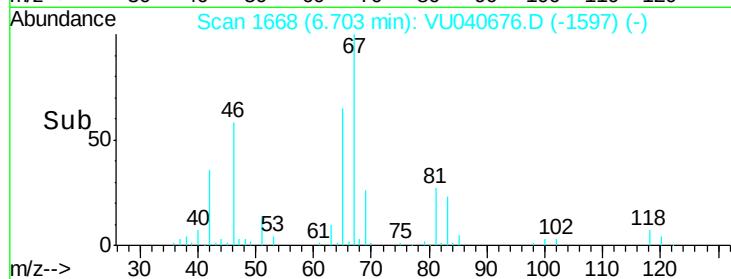
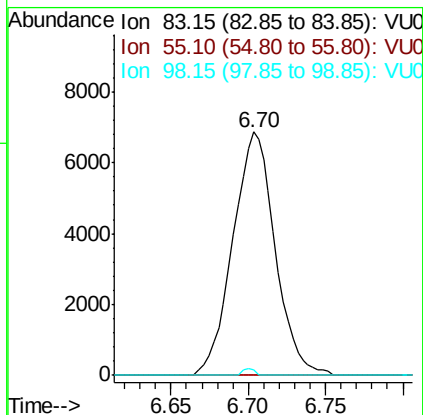
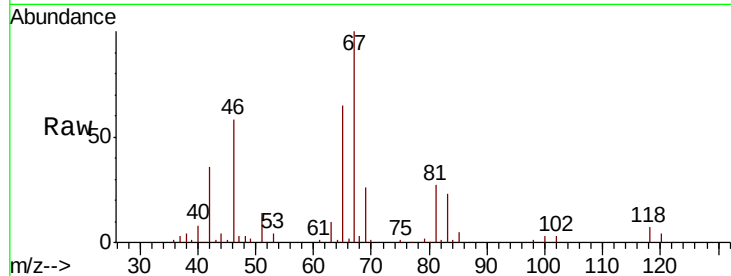




#35
Methylvlcyclohexane
Concen: 0.830 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040676.D
Acq: 13 Oct 2020 12:42

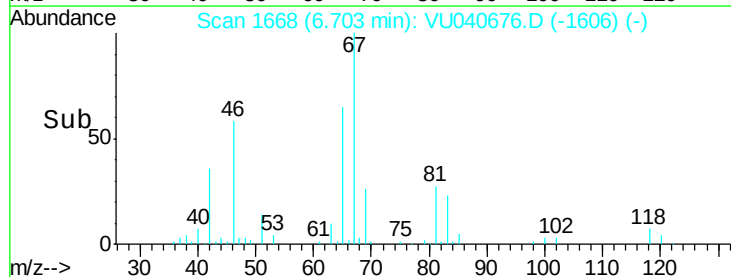
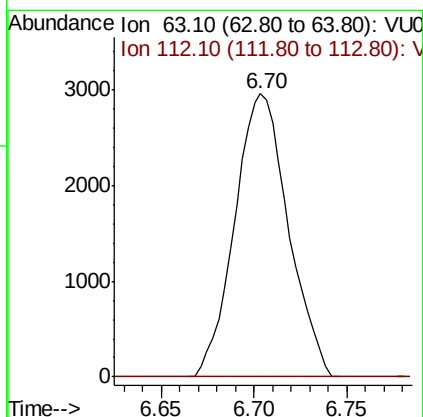
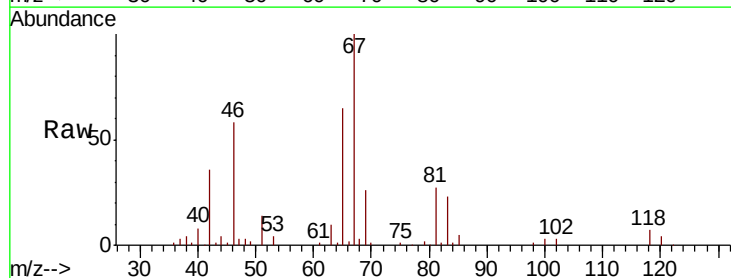
Instrument :
MSVOA_U
ClientSampleId :
YQZ1

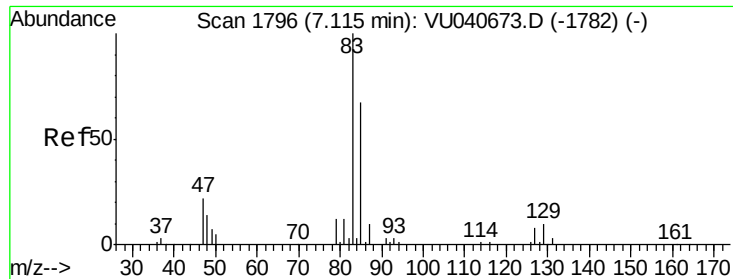
Tot Ion: 83 Resp: 13010
Ion Ratio Lower Upper
83 100
55 0.8 70.7 106.1#
98 0.8 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040676.D
Acq: 13 Oct 2020 12:42

Tgt Ion: 63 Resp: 5956
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#38

Bromodichloromethane

Concen: 0.036 ug/L

RT: 7.14 min Scan# 1804

Delta R.T. 0.03 min

Lab File: VU040676.D

Acq: 13 Oct 2020 12:42

Instrument :

MSVOA_U

ClientSampleId :

YAZZ1

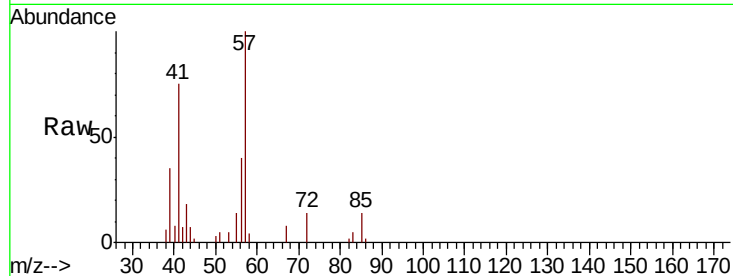
Tot Ion: 83 Resp: 550

Ion Ratio Lower Upper

83 100

85 304.5 46.0 85.4#

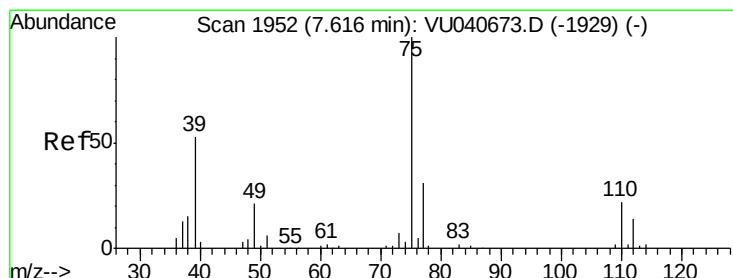
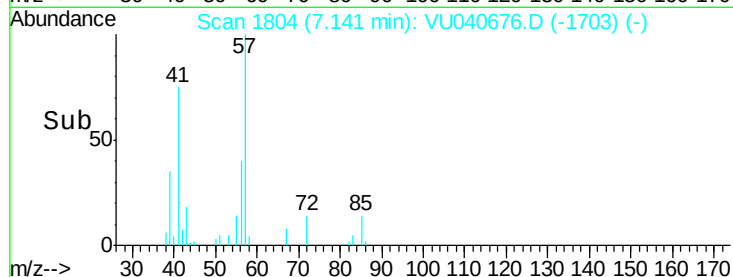
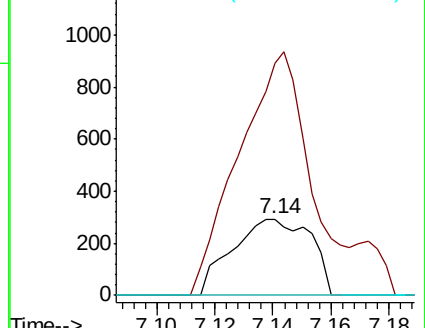
127 0.0 6.7 10.1#



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): VU0



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU040676.D

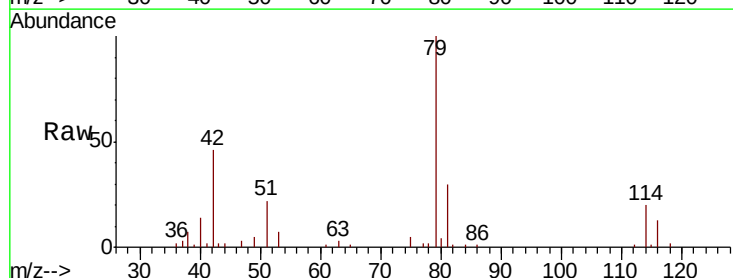
Acq: 13 Oct 2020 12:42

Tgt Ion: 75 Resp: 1580

Ion Ratio Lower Upper

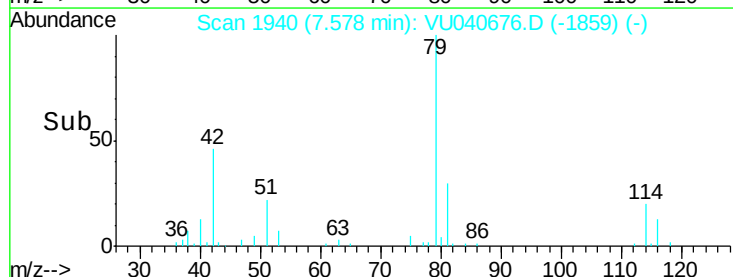
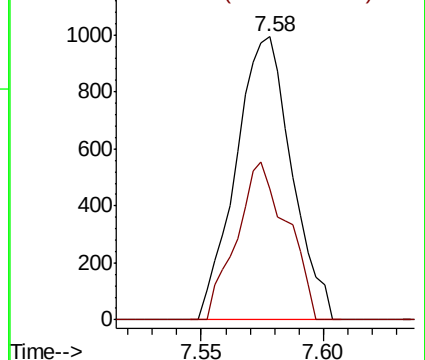
75 100

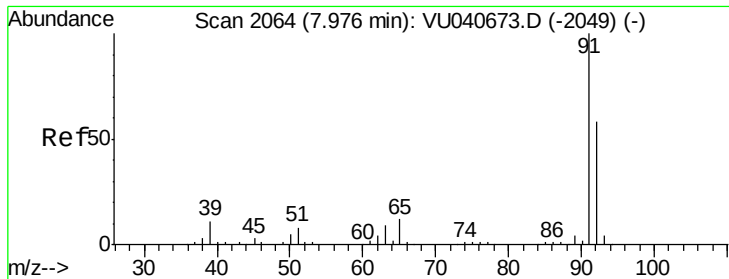
77 46.3 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#42

Toluene

Concen: 0.040 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040676.D

Acq: 13 Oct 2020 12:42

Instrument :

MSVOA_U

ClientSampleId :

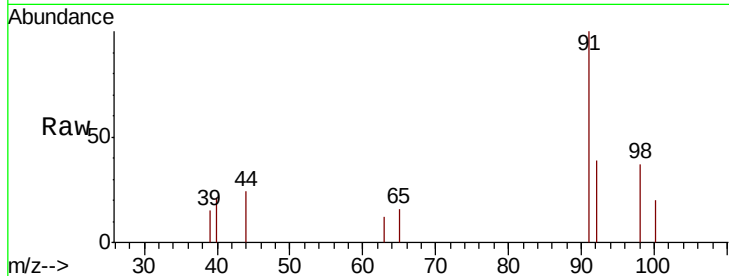
YAZ1

Tot Ion: 91 Resp: 1718

Ion Ratio Lower Upper

91 100

92 38.5 40.2 74.6#



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.97

1200

1000

800

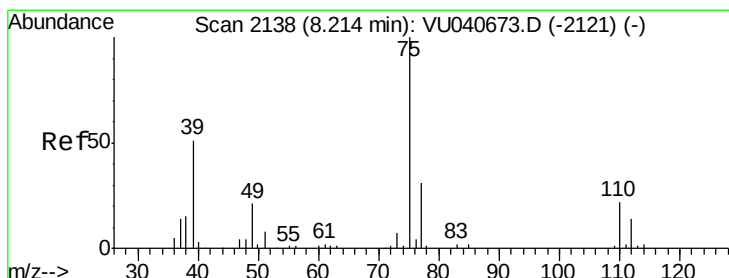
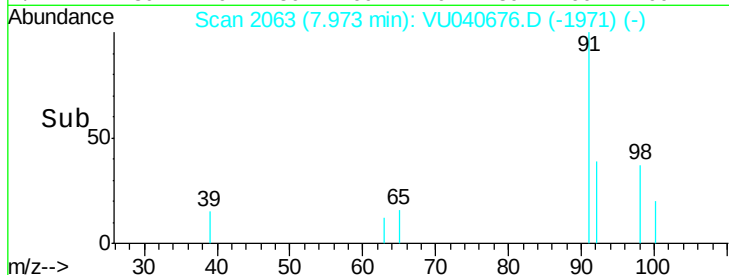
600

400

200

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040676.D

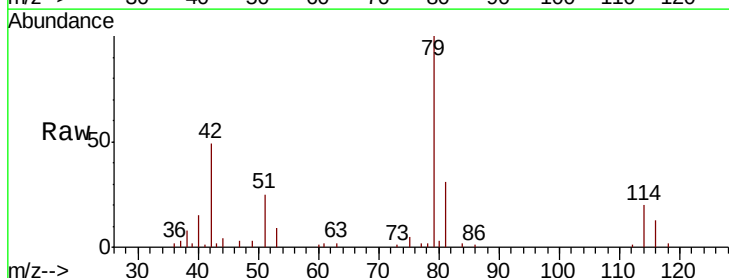
Acq: 13 Oct 2020 12:42

Tgt Ion: 75 Resp: 930

Ion Ratio Lower Upper

75 100

77 44.3 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

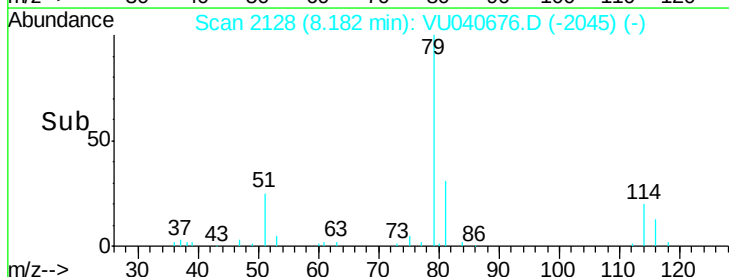
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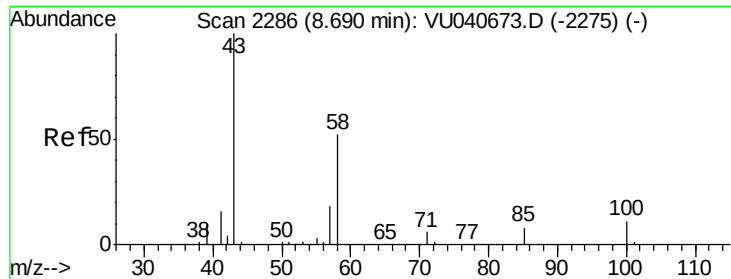
400

200

0

Time-->

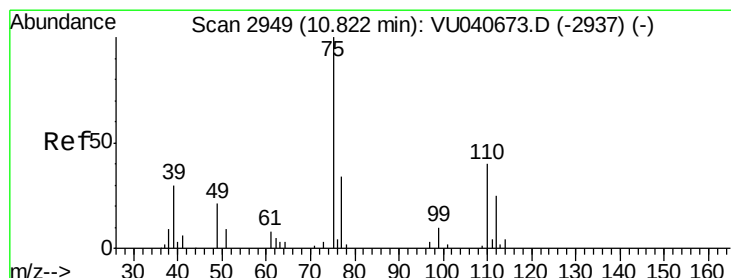
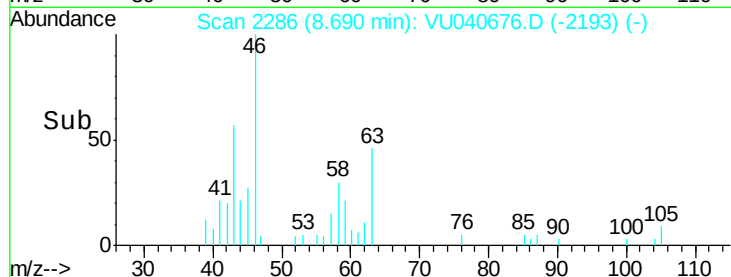
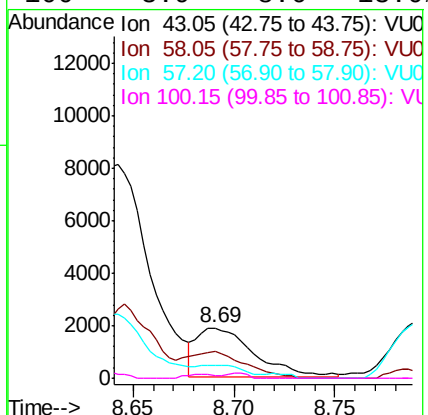
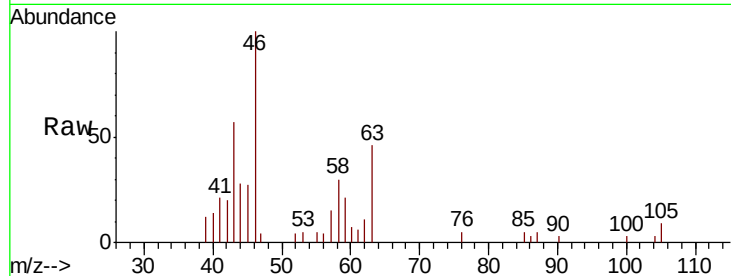




#48
 2-Hexanone
 Concen: 0.525 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: VU040676.D
 Acq: 13 Oct 2020 12:42

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ1

Tot Ion:	43	Resp:	3701
Ion	Ratio	Lower	Upper
43	100		
58	54.9	41.0	61.6
57	12.8	14.4	21.6#
100	3.9	8.6	13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.898 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040676.D
 Acq: 13 Oct 2020 12:42

Tgt Ion:	75	Resp:	7837
Ion	Ratio	Lower	Upper
75	100		
77	38.8	26.4	39.6

