

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038463.D
 Acq On : 01 Jun 2020 12:14
 Operator : JC/MD
 Sample : L2789-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:27:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	333518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	329945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157428	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83192	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.93	69	77481	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	131716	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.68	46	386924	59.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.02%
24) Chloroform-d	5.10	84	196008	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	120591	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.76	84	389294	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.72	67	121480	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	322711	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.20	79	51605	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.66	63	323933	60.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112392	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	133235	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

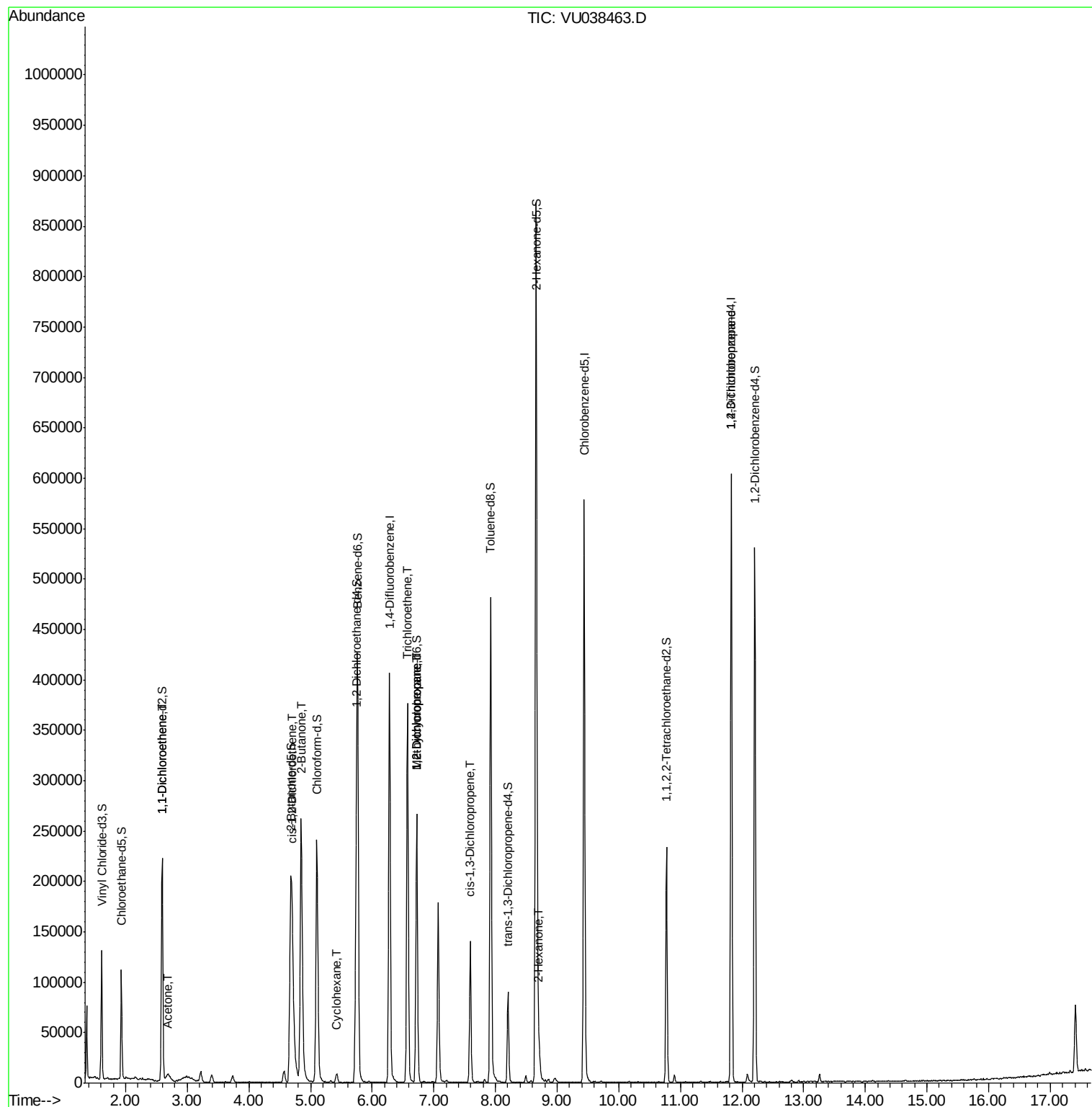
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1248	0.061	ug/L #	1
13) Acetone	2.69	43	17990	4.192	ug/L	97
21) 2-Butanone	4.85	43	389670	53.986	ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	19506	0.818	ug/L	100
30) Cyclohexane	5.42	56	4138	0.113	ug/L	88
34) Trichloroethene	6.57	95	128566	5.384	ug/L	97
35) Methylcyclohexane	6.72	83	29229	0.791	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13870	0.599	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3336	0.097	ug/L #	62
48) 2-Hexanone	8.71	43	15645	1.248	ug/L #	96
59) 1,2,3-Trichloropropane	11.83	75	18975	1.098	ug/L #	87

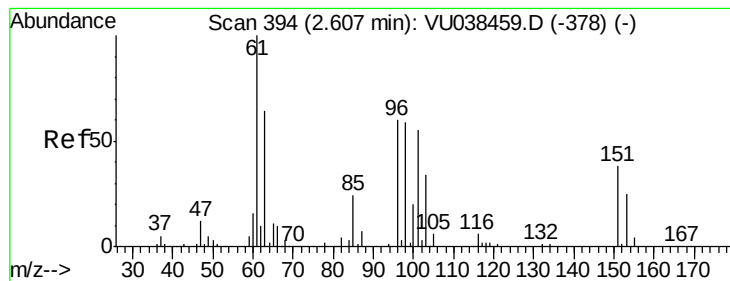
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038463.D

Acq: 01 Jun 2020 12:14

Instrument :
MSVOA_U
ClientSampleId :

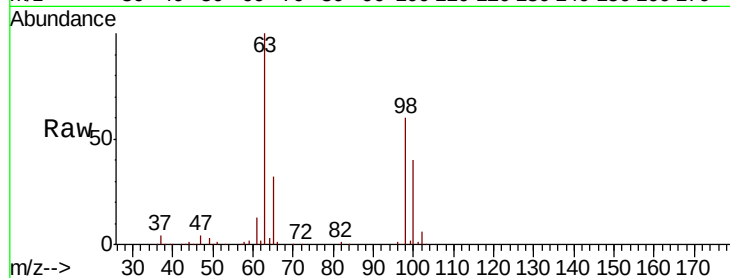
Tot Ion: 96 Resp: 1248

Ion Ratio Lower Upper

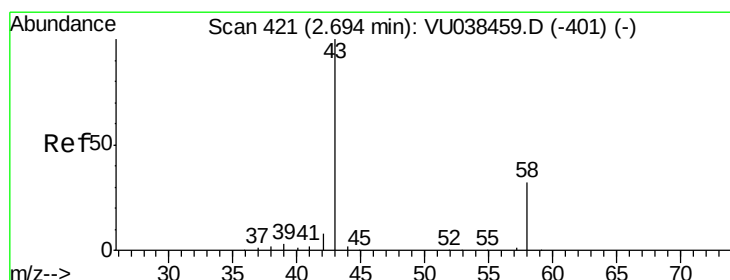
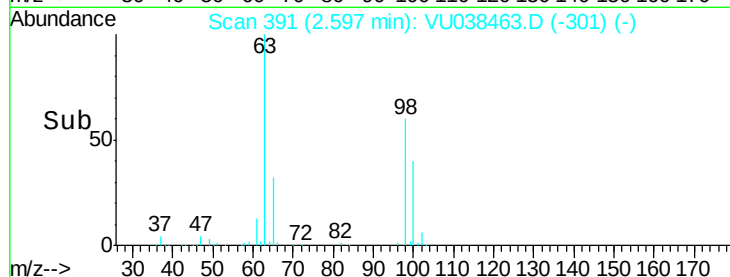
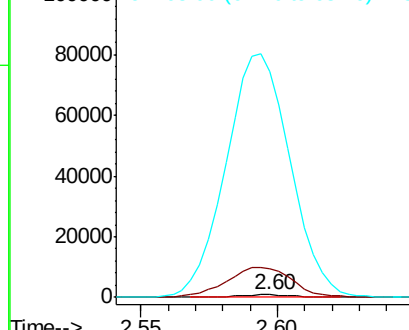
96 100

61 1141.4 119.9 222.7#

63 8906.9 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 4.192 ug/L

RT: 2.69 min Scan# 419

Delta R.T. -0.01 min

Lab File: VU038463.D

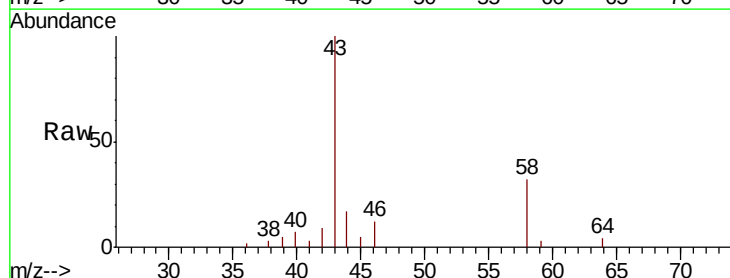
Acq: 01 Jun 2020 12:14

Tgt Ion: 43 Resp: 17990

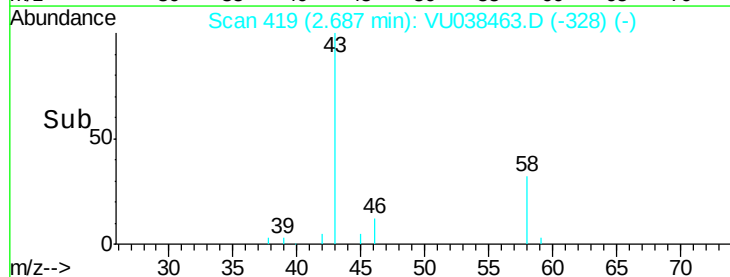
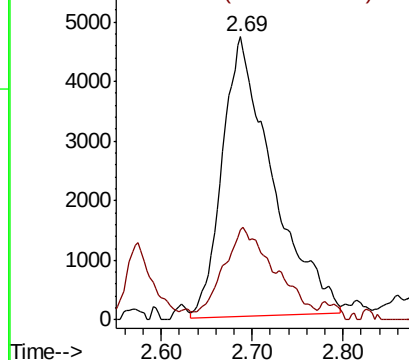
Ion Ratio Lower Upper

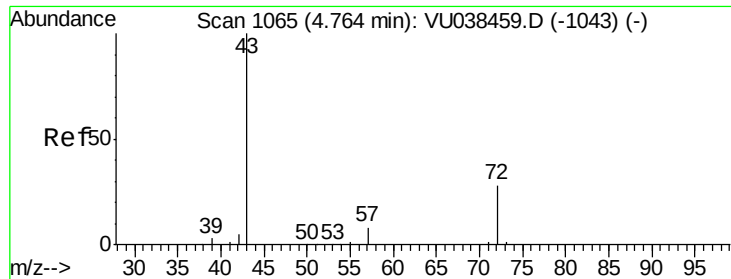
43 100

58 34.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 53.986 ug/L

RT: 4.85 min Scan# 1091

Delta R.T. 0.08 min

Lab File: VU038463.D

Acq: 01 Jun 2020 12:14

Instrument :

MSVOA_U

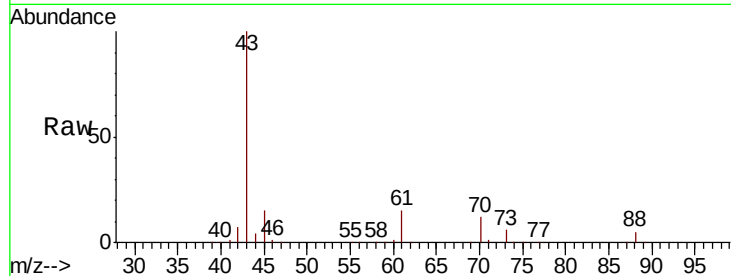
ClientSampleId :

Tot Ion: 43 Resp: 389670

Ion Ratio Lower Upper

43 100

72 0.0 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038463.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU038463.D (-972) (-)

4.85

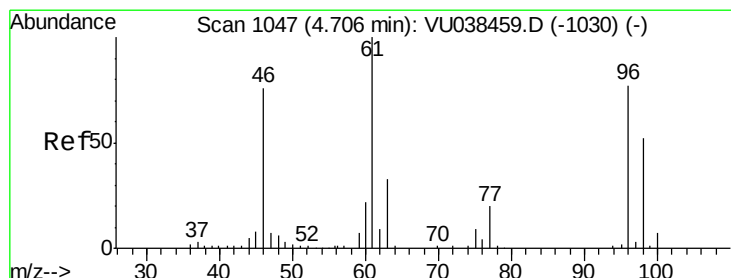
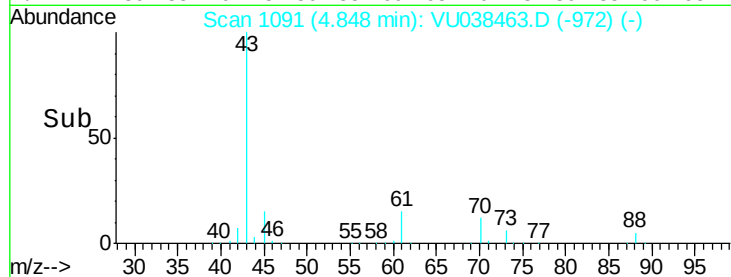
150000

100000

50000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.818 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038463.D

Acq: 01 Jun 2020 12:14

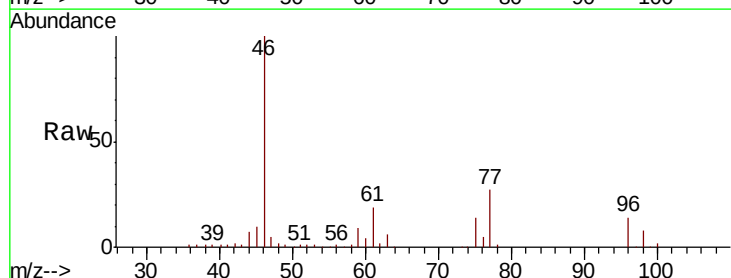
Tgt Ion: 96 Resp: 19506

Ion Ratio Lower Upper

96 100

61 134.4 94.0 174.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038463.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038463.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038463.D (-954) (-)

4.71

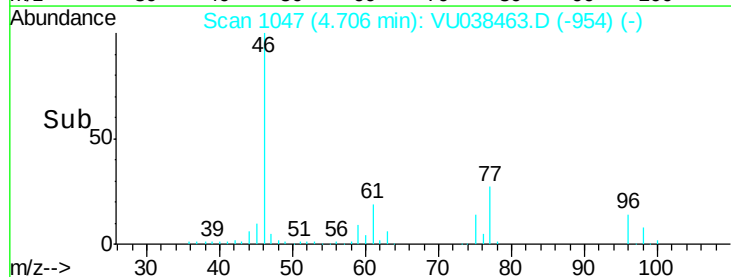
15000

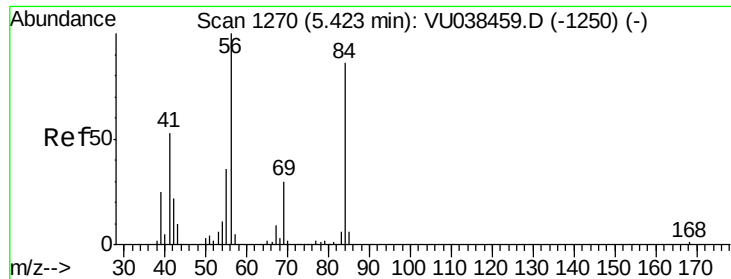
10000

5000

0

Time-->

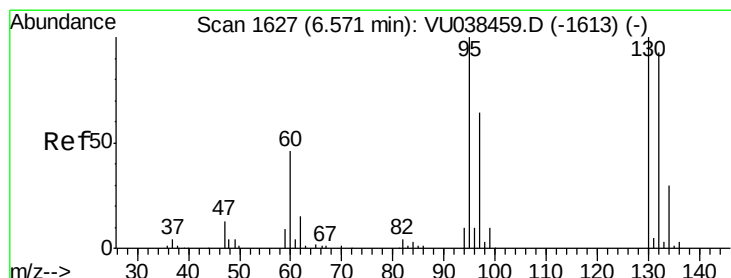
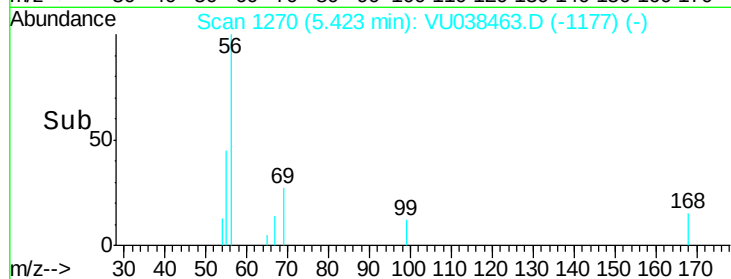
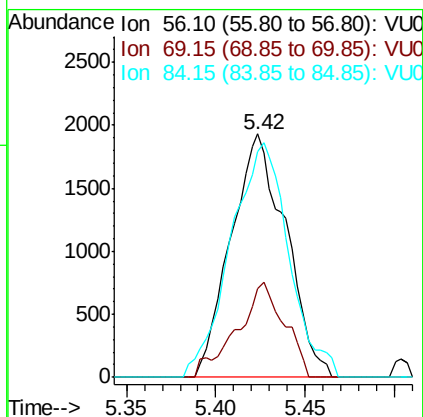
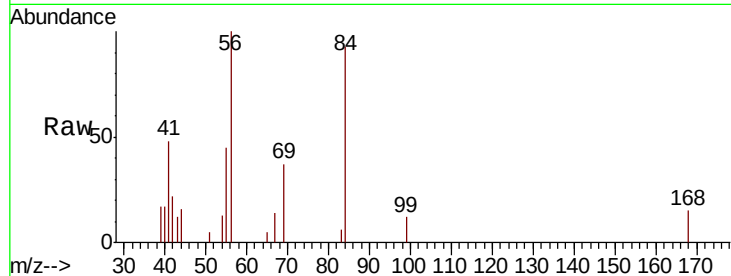




#30
Cyclohexane
Concen: 0.113 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038463.D
Acq: 01 Jun 2020 12:14

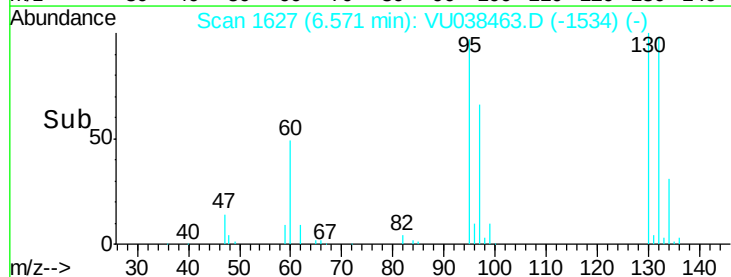
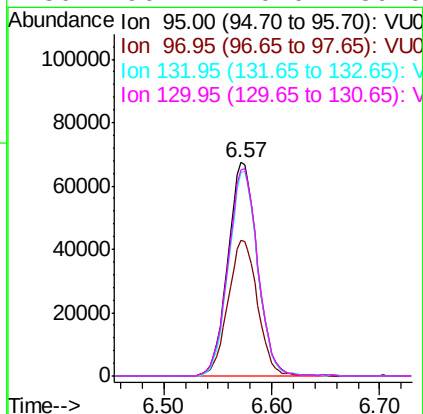
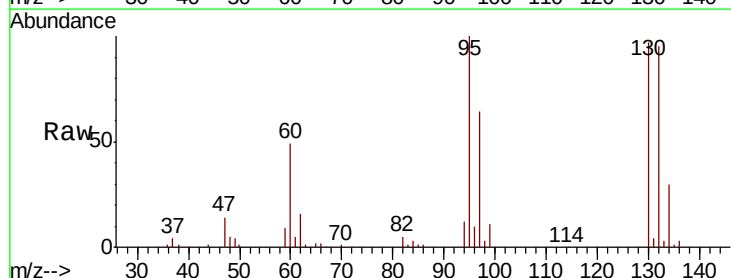
Instrument :
MSVOA_U
ClientSampled :

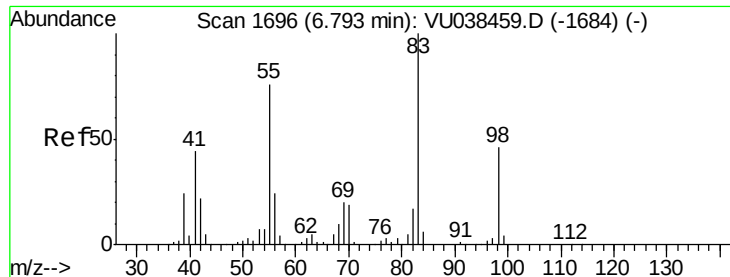
Tot Ion: 56 Resp: 4138
Ion Ratio Lower Upper
56 100
69 33.5 24.2 36.4
84 102.0 70.8 106.2



#34
Trichloroethene
Concen: 5.384 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038463.D
Acq: 01 Jun 2020 12:14

Tgt Ion: 95 Resp: 128566
Ion Ratio Lower Upper
95 100
97 63.5 46.8 87.0
132 95.2 66.1 122.7
130 96.7 70.0 130.0

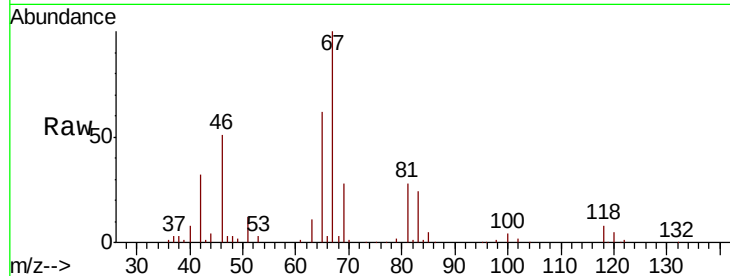




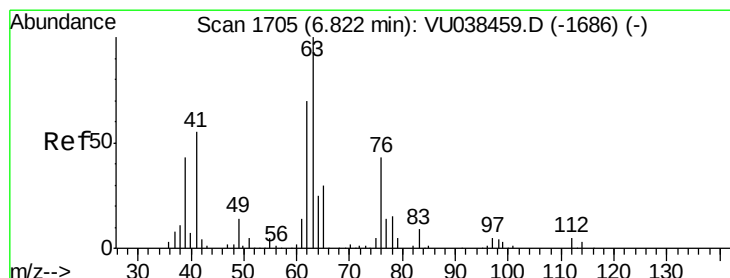
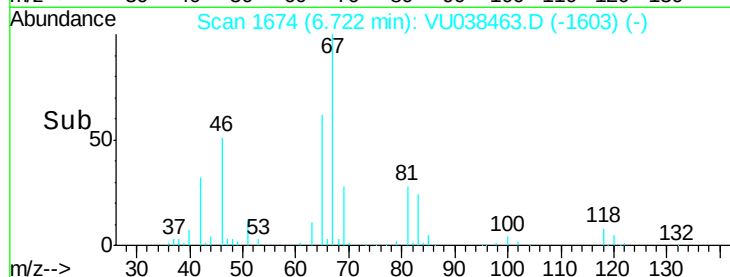
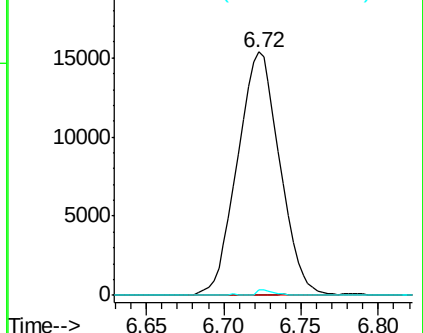
#35
Methvlcvclohexane
Concen: 0.791 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038463.D
Acq: 01 Jun 2020 12:14

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 29229
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 1.0 39.0 58.4#

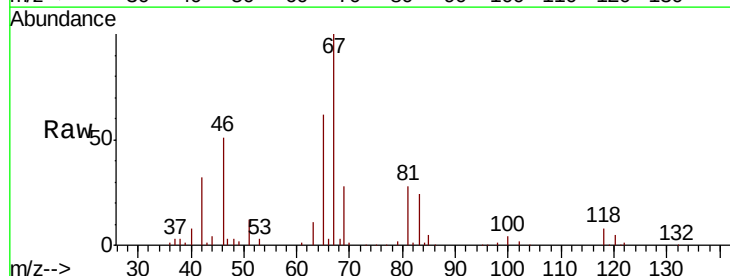


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

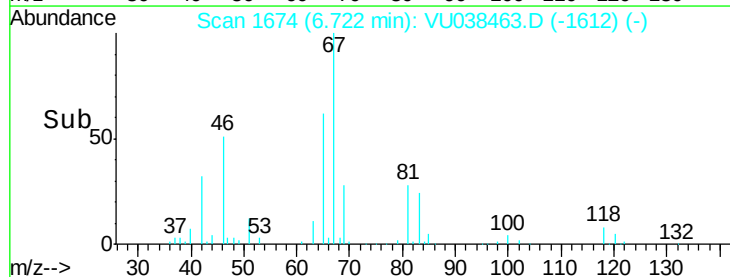
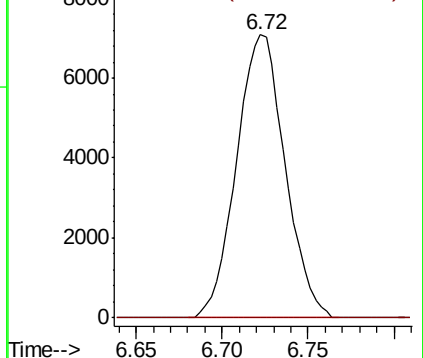


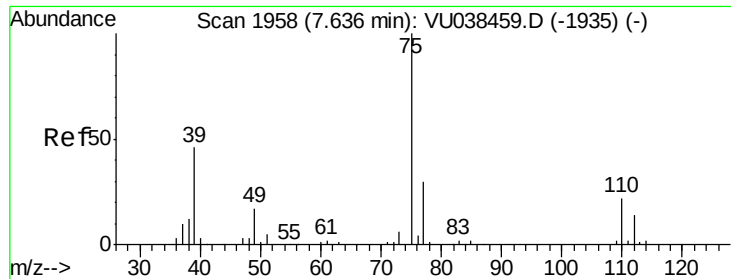
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038463.D
Acq: 01 Jun 2020 12:14

Tgt Ion: 63 Resp: 13870
Ion Ratio Lower Upper
63 100
112 0.1 3.7 5.5#



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

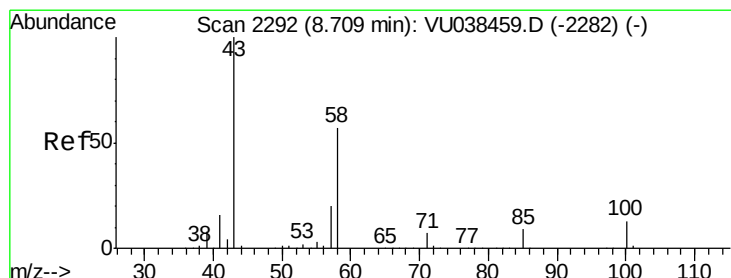
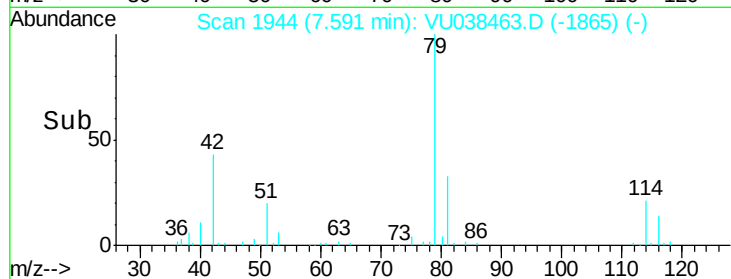
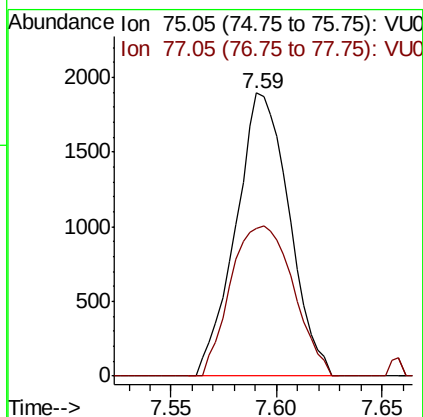
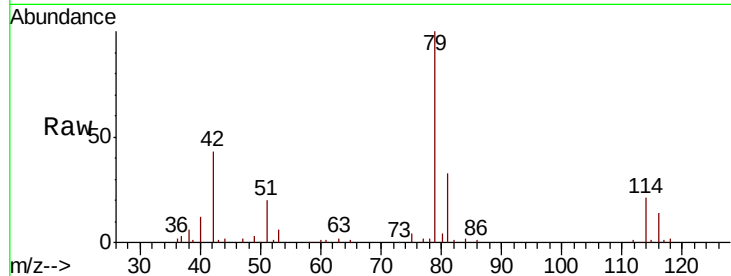




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038463.D
 Acq: 01 Jun 2020 12:14

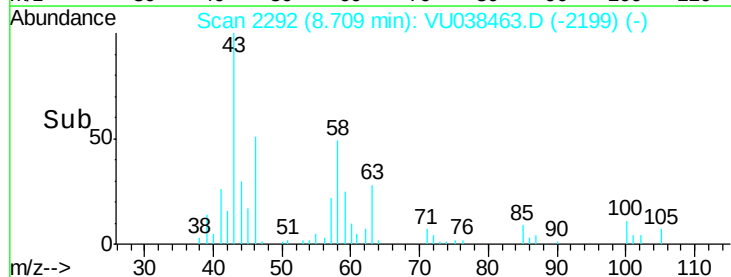
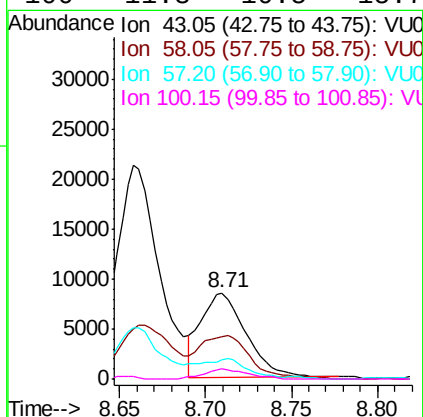
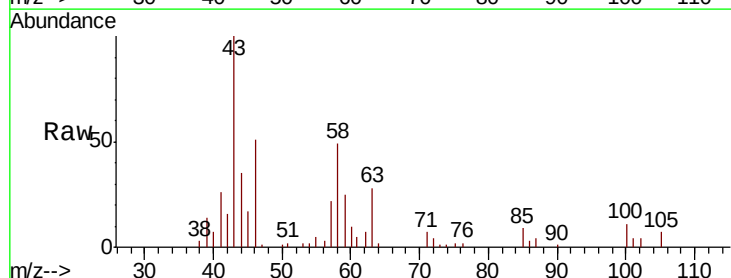
Instrument :
 MSVOA_U
 ClientSampleId :

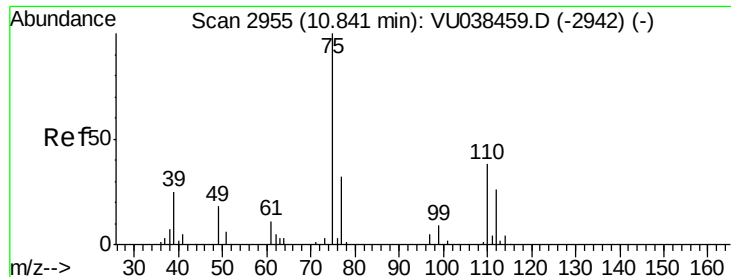
Tot Ion: 75 Resp: 3336
 Ion Ratio Lower Upper
 75 100
 77 52.1 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.248 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038463.D
 Acq: 01 Jun 2020 12:14

Tgt Ion: 43 Resp: 15645
 Ion Ratio Lower Upper
 43 100
 58 57.4 45.4 68.0
 57 14.0 15.9 23.9#
 100 11.3 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.098 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038463.D

Acq: 01 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 18975

Ion Ratio Lower Upper

75 100

77 38.8 25.4 38.2#

