

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038431.D
 Acq On : 30 May 2020 22:11
 Operator : JC/MD
 Sample : L2787-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 02:42:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316342	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	304838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	146257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98503	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.93	69	81882	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.59	63	143331	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.68	46	349686	56.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.44%
24) Chloroform-d	5.10	84	195230	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.74	65	115504	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.76	84	394436	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.72	67	122662	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.92	98	328404	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.20	79	49056	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.65	63	298665	60.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103099	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	134562	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

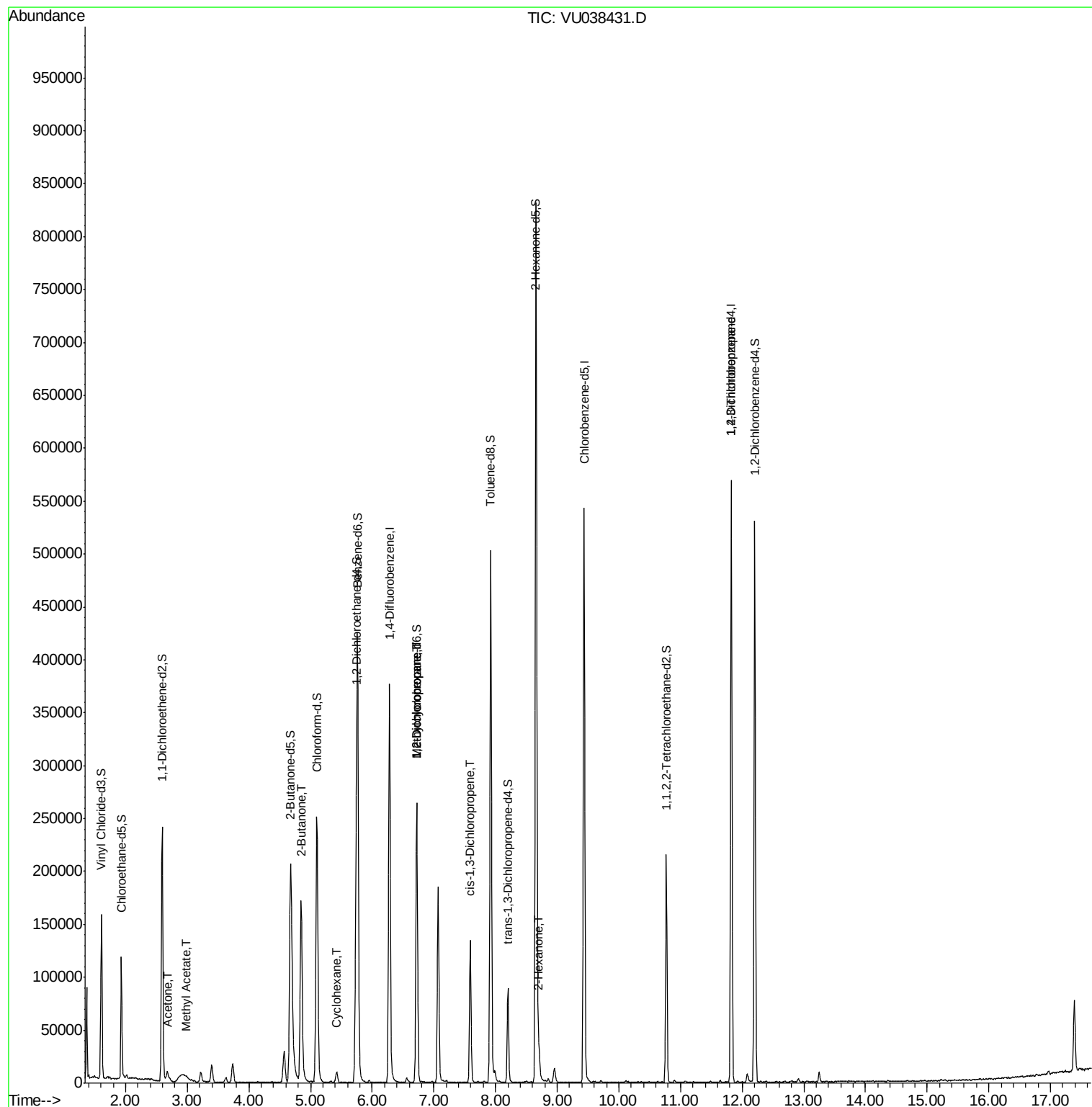
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	17207	4.227	ug/L	69
15) Methyl Acetate	2.99	43	1598	0.160	ug/L #	66
21) 2-Butanone	4.84	43	242332	35.396	ug/L #	51
30) Cyclohexane	5.43	56	4717	0.139	ug/L	99
35) Methylcyclohexane	6.72	83	29578	0.866	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13408	0.627	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3283	0.104	ug/L #	65
48) 2-Hexanone	8.71	43	13200	1.139	ug/L #	92
59) 1,2,3-Trichloropropane	11.83	75	18521	1.160	ug/L #	86

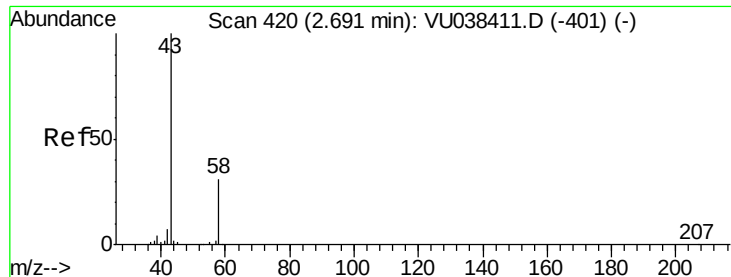
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.227 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038431.D

Acq: 30 May 2020 22:11

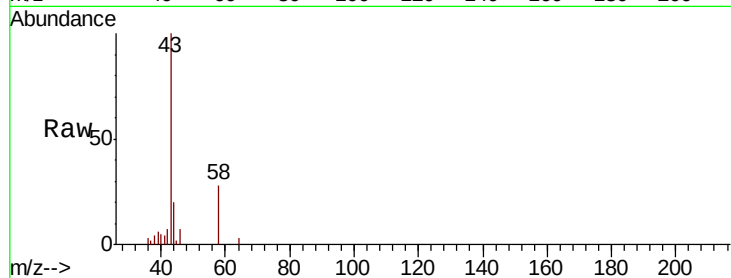
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 17207

Ion Ratio Lower Upper

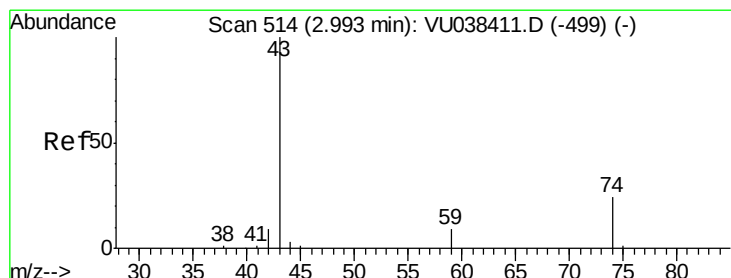
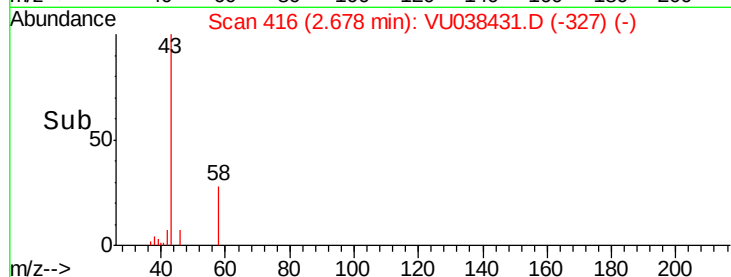
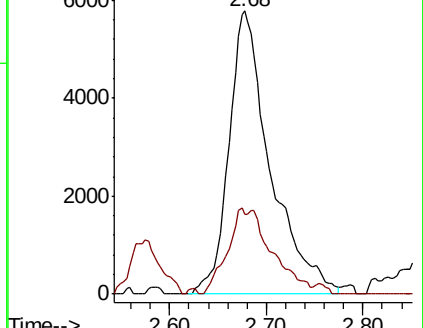
43 100

58 15.1 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038431.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038431.D (-401) (-)



#15

Methyl Acetate

Concen: 0.160 ug/L

RT: 2.99 min Scan# 512

Delta R.T. -0.01 min

Lab File: VU038431.D

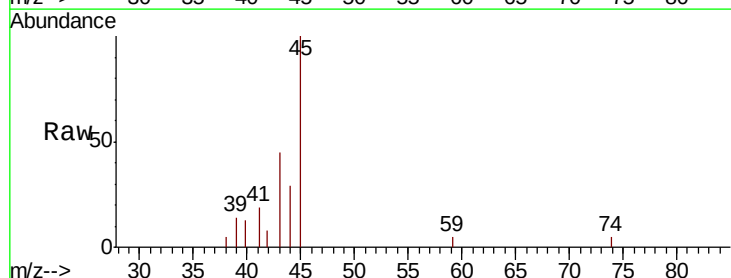
Acq: 30 May 2020 22:11

Tgt Ion: 43 Resp: 1598

Ion Ratio Lower Upper

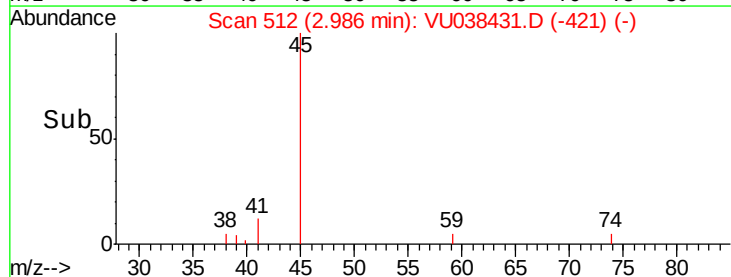
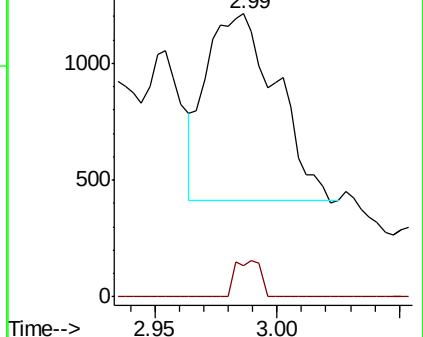
43 100

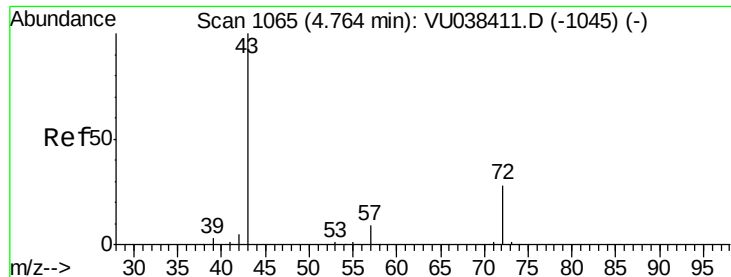
74 7.1 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038431.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU038431.D (-499) (-)





#21

2-Butanone

Concen: 35.396 ug/L

RT: 4.84 min Scan# 1090

Delta R.T. 0.08 min

Lab File: VU038431.D

Acq: 30 May 2020 22:11

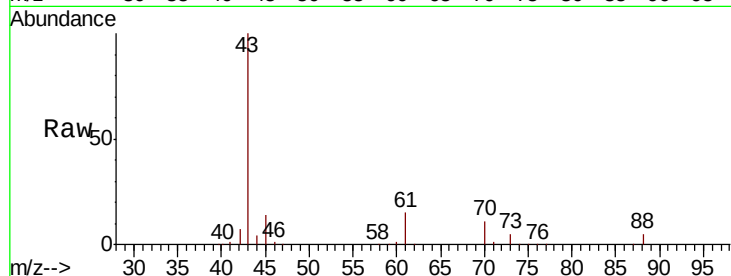
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 242332

Ion Ratio Lower Upper

43 100

72 0.3 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038431.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU038431.D (-972) (-)

4.84

120000

100000

80000

60000

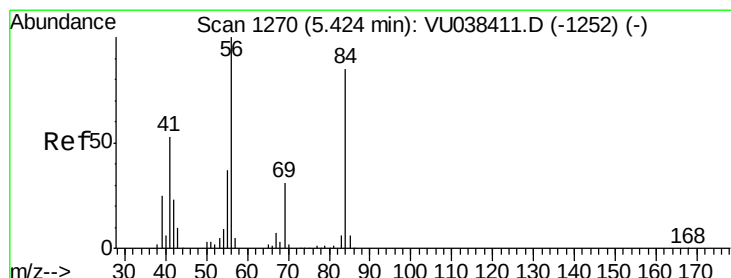
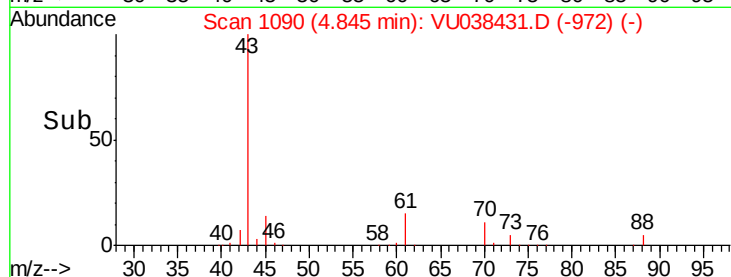
40000

20000

0

4.80 4.90 5.00

Time-->



#30

Cyclohexane

Concen: 0.139 ug/L

RT: 5.43 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VU038431.D

Acq: 30 May 2020 22:11

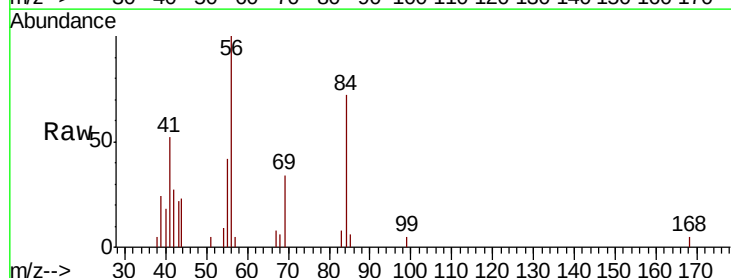
Tgt Ion: 56 Resp: 4717

Ion Ratio Lower Upper

56 100

69 28.5 24.2 36.4

84 88.0 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038431.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038431.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038431.D (-1177) (-)

2500

2000

1500

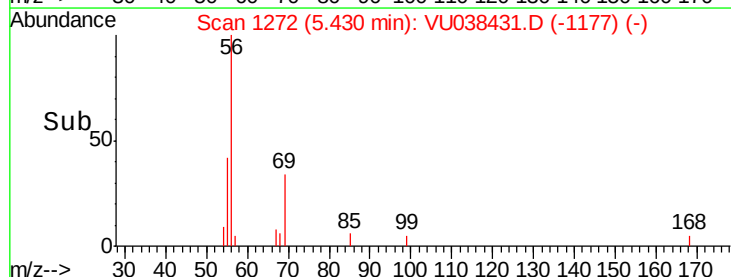
1000

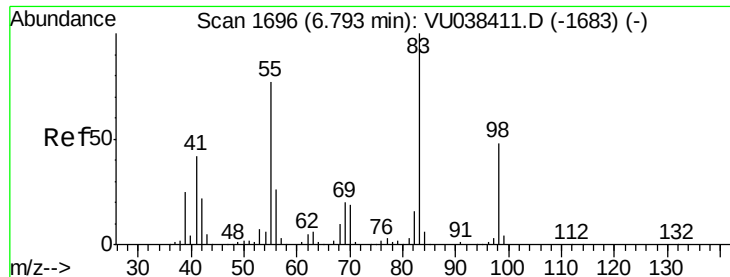
500

0

5.35 5.40 5.45 5.50

Time-->





#35

Methvlcvclohexane

Concen: 0.866 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038431.D

Acq: 30 May 2020 22:11

Instrument :
MSVOA_U
ClientSampleId :

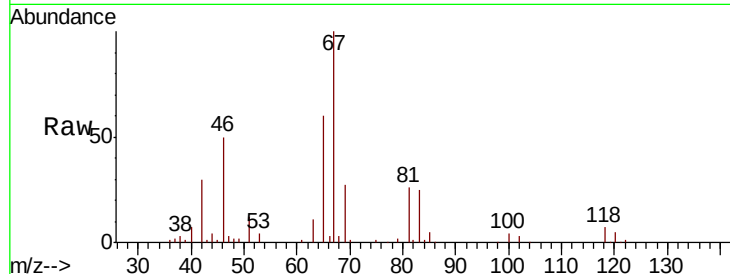
Tot Ion: 83 Resp: 29578

Ion Ratio Lower Upper

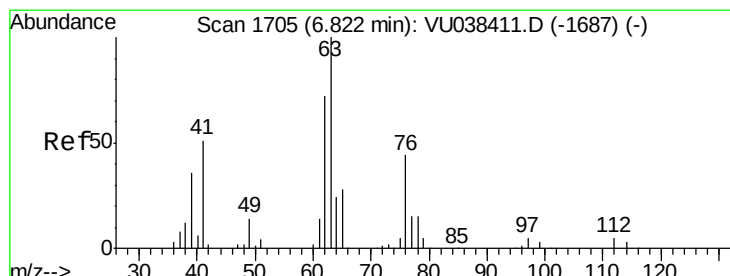
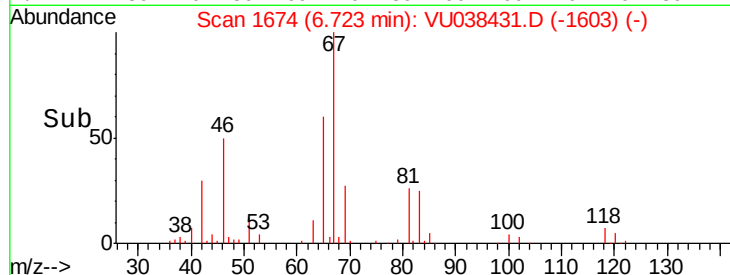
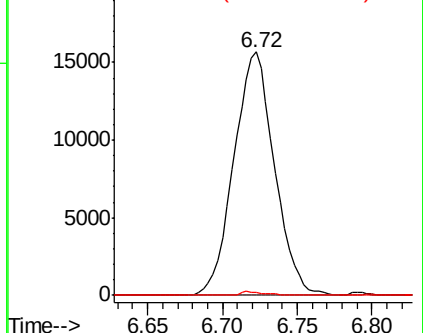
83 100

55 0.1 63.4 95.2#

98 0.9 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: 0.627 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038431.D

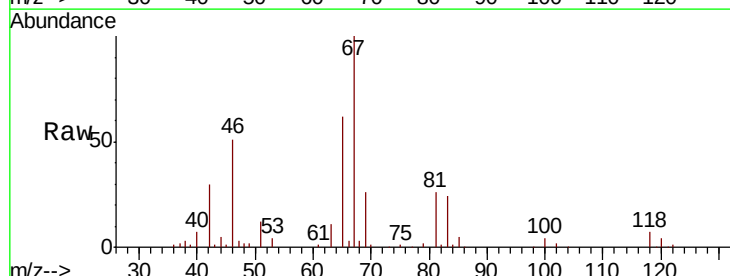
Acq: 30 May 2020 22:11

Tgt Ion: 63 Resp: 13408

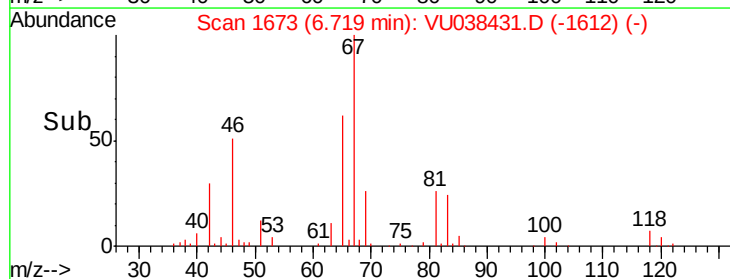
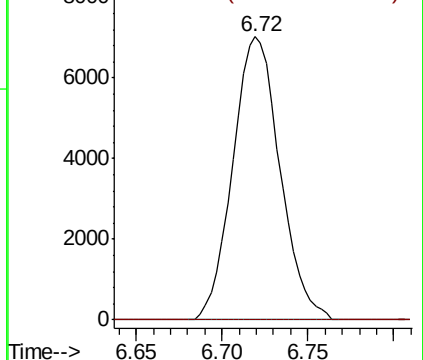
Ion Ratio Lower Upper

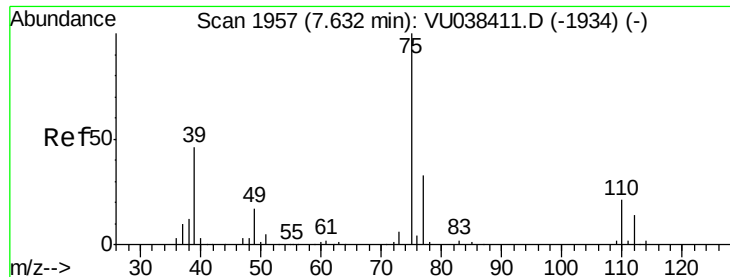
63 100

112 0.0 3.7 5.5#



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

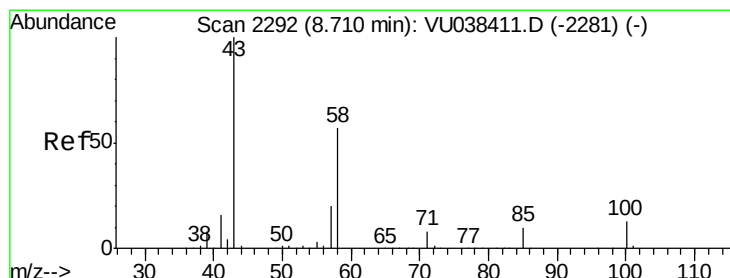
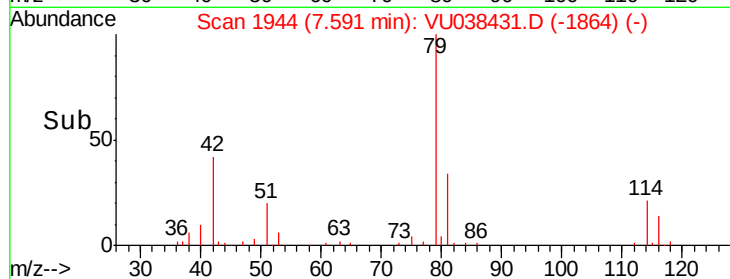
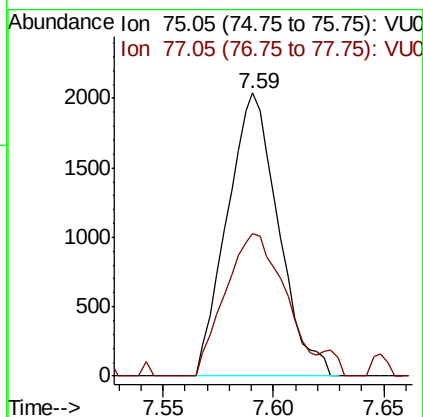
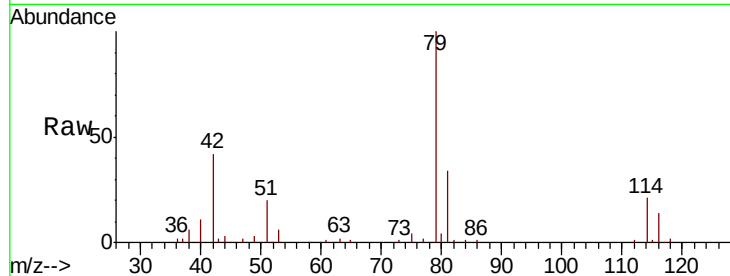




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038431.D
 Acq: 30 May 2020 22:11

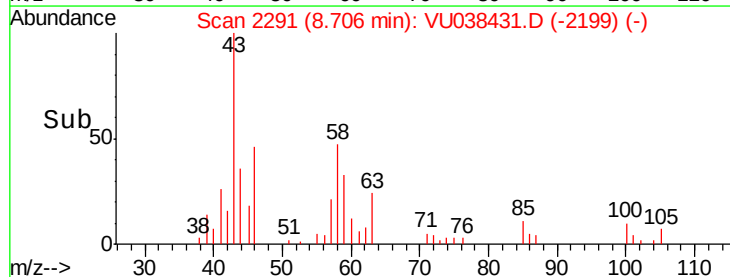
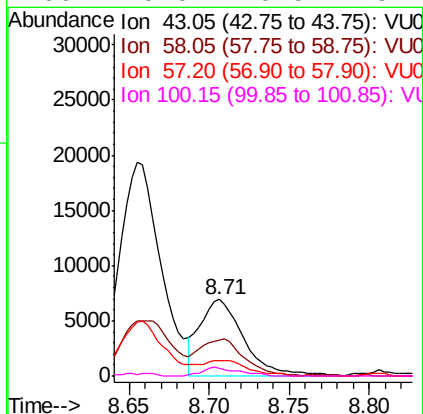
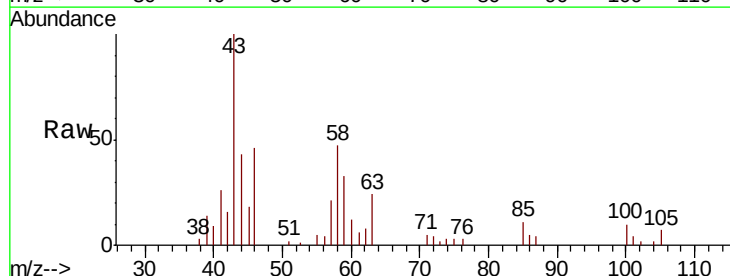
Instrument :
 MSVOA_U
 ClientSampled :

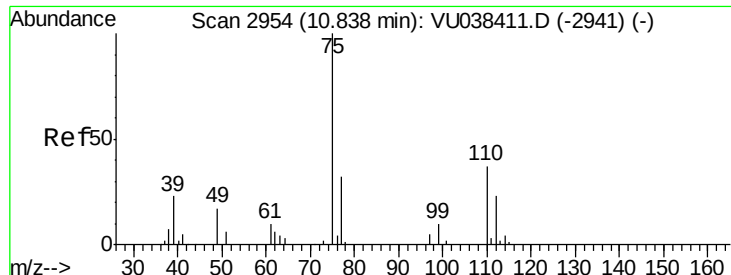
Tot Ion: 75 Resp: 3283
 Ion Ratio Lower Upper
 75 100
 77 50.4 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.139 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038431.D
 Acq: 30 May 2020 22:11

Tgt Ion: 43 Resp: 13200
 Ion Ratio Lower Upper
 43 100
 58 49.5 45.4 68.0
 57 19.9 15.9 23.9
 100 9.0 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 1.160 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038431.D

Acq: 30 May 2020 22:11

Instrument :

MSVOA_U

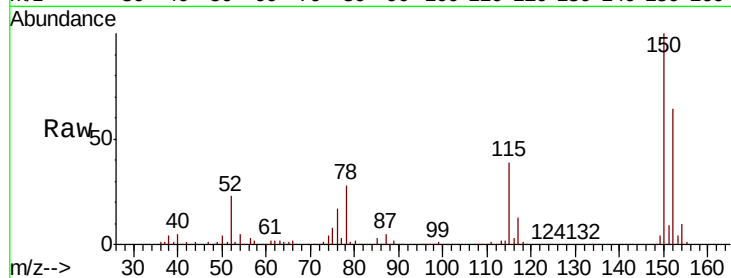
ClientSampleId :

Tot Ion: 75 Resp: 18521

Ion Ratio Lower Upper

75 100

77 39.8 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

