

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052620\
 Data File : VU038303.D
 Acq On : 26 May 2020 17:46
 Operator : JC/MD
 Sample : L2751-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 27 06:56:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	298999	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95486	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.93	69	85828	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.59	63	146810	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.66	46	341689	50.64	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.28%
24) Chloroform-d	5.10	84	201556	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.74	65	118396	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	422585	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.72	67	135377	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.92	98	379044	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.20	79	52980	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.65	63	268506	50.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110300	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	150433	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

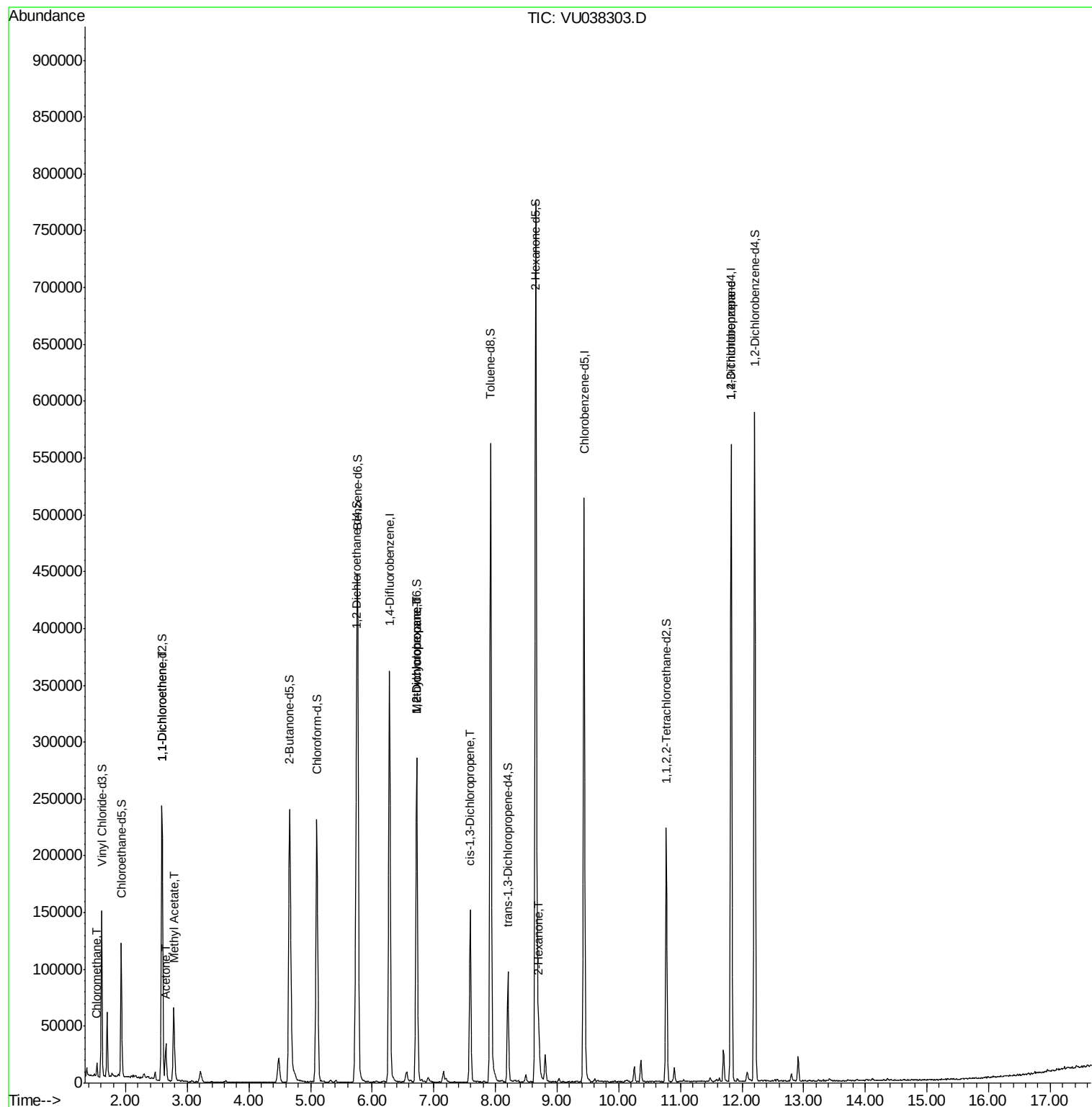
					Ovalue
3) Chloromethane	1.54	50	8515	0.258 ug/L	98
12) 1,1-Dichloroethene	2.59	96	1275	0.061 ug/L #	1
13) Acetone	2.65	43	36061	8.518 ug/L	99
15) Methyl Acetate	2.78	43	15611	1.318 ug/L #	53
35) Methylcyclohexane	6.72	83	31958	0.855 ug/L #	15
37) 1,2-Dichloropropane	6.72	63	14069	0.561 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3490	0.097 ug/L #	63
48) 2-Hexanone	8.71	43	20846	1.639 ug/L #	96
59) 1,2,3-Trichloropropane	11.82	75	17831	1.060 ug/L #	85

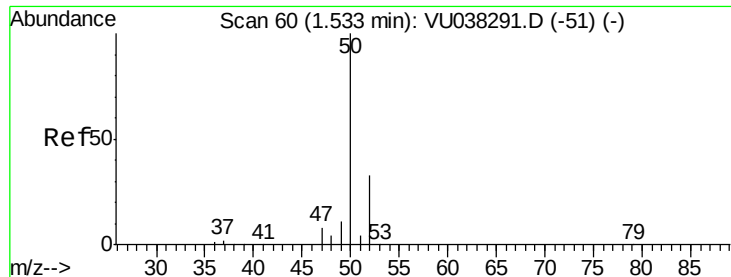
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.258 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU038303.D

Acq: 26 May 2020 17:46

Instrument :

MSVOA_U

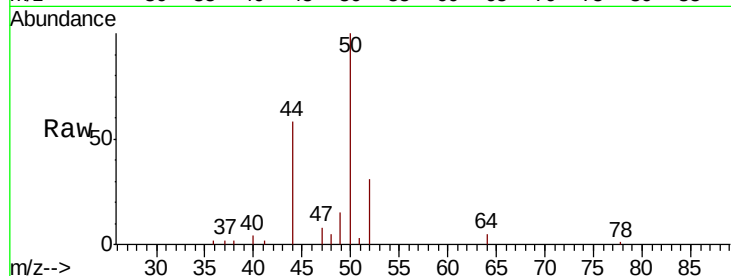
ClientSampleId :

Tot Ion: 50 Resp: 8515

Ion Ratio Lower Upper

50 100

52 31.0 22.5 41.7



Abundance Ion 50.05 (49.75 to 50.75): VU038303.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU038303.D (-1) (-)

1.54

8000

6000

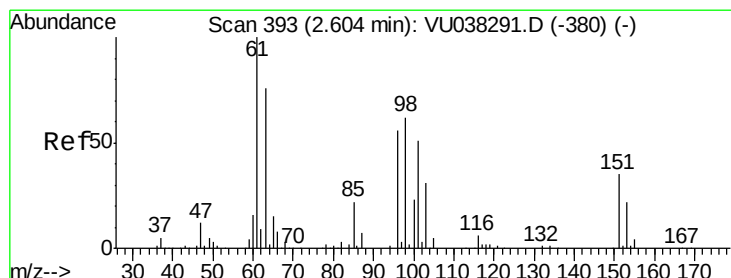
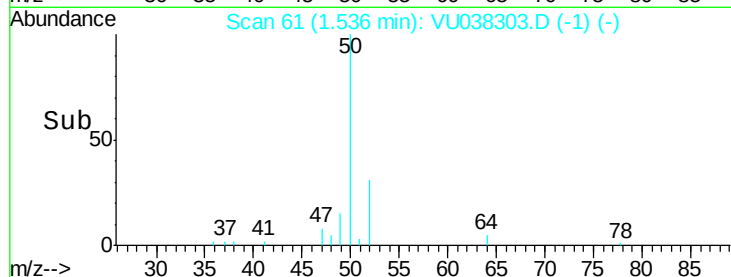
4000

2000

0

Time-->

1.50 1.55



#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU038303.D

Acq: 26 May 2020 17:46

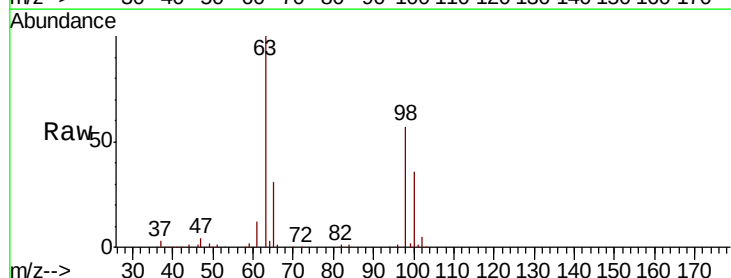
Tgt Ion: 96 Resp: 1275

Ion Ratio Lower Upper

96 100

61 1247.8 126.2 234.4#

63 10370.2 96.9 179.9#



Abundance Ion 96.00 (95.70 to 96.70): VU038303.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU038303.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU038303.D (-300) (-)

120000

100000

80000

60000

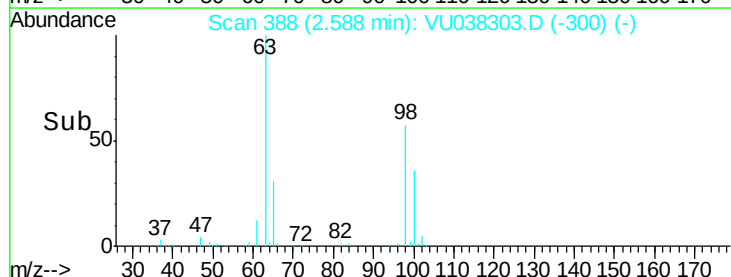
40000

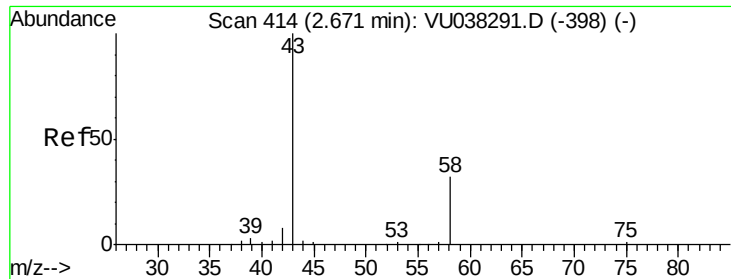
20000

0

Time-->

2.55 2.60





#13

Acetone

Concen: 8.518 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.02 min

Lab File: VU038303.D

Acq: 26 May 2020 17:46

Instrument :

MSVOA_U

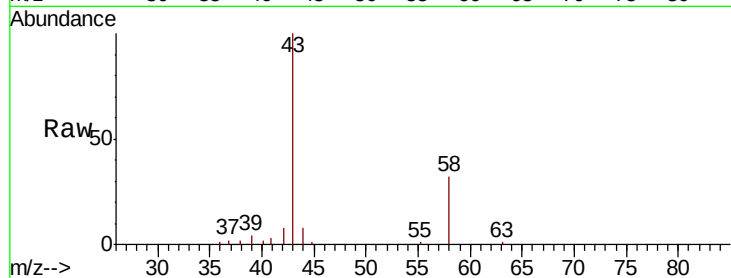
ClientSampleId :

Tot Ion: 43 Resp: 36061

Ion Ratio Lower Upper

43 100

58 32.2 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038303.D (-407) (-)

Ion 58.05 (57.75 to 58.75): VU038303.D (-407) (-)

25000

20000

15000

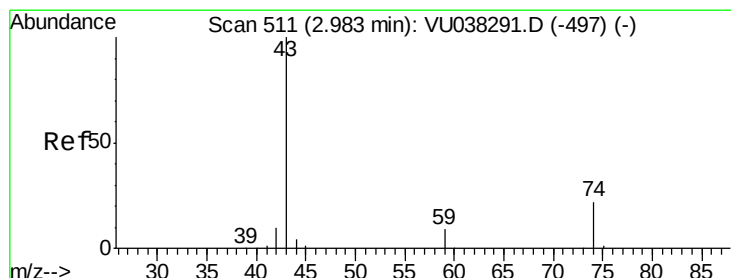
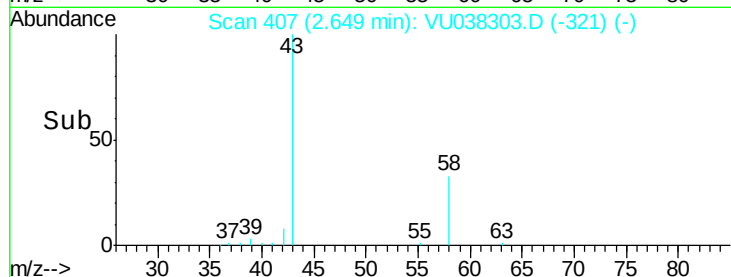
10000

5000

0

2.60 2.65 2.70 2.75

Time-->



#15

Methyl Acetate

Concen: 1.318 ug/L

RT: 2.78 min Scan# 448

Delta R.T. -0.20 min

Lab File: VU038303.D

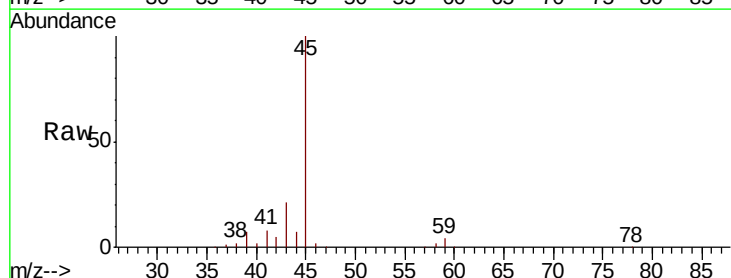
Acq: 26 May 2020 17:46

Tgt Ion: 43 Resp: 15611

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU038303.D (-448) (-)

Ion 74.05 (73.75 to 74.75): VU038303.D (-448) (-)

10000

8000

6000

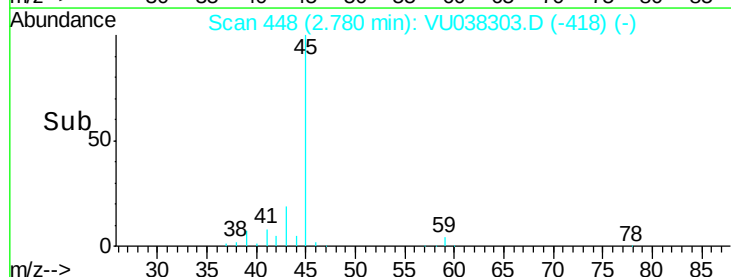
4000

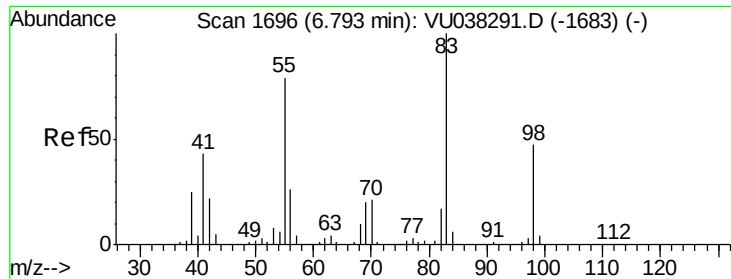
2000

0

2.70 2.75 2.80 2.85

Time-->

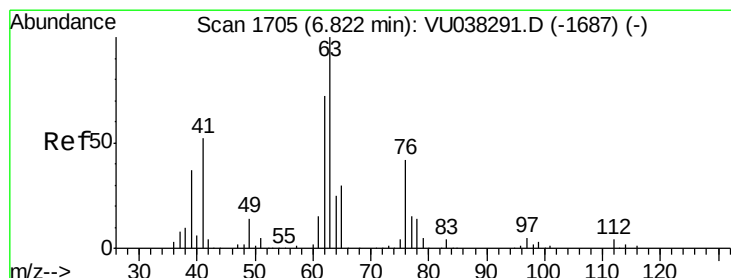
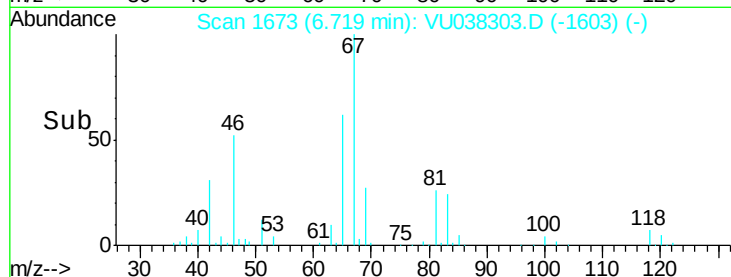
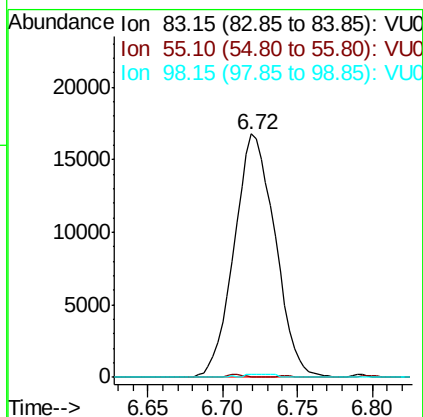
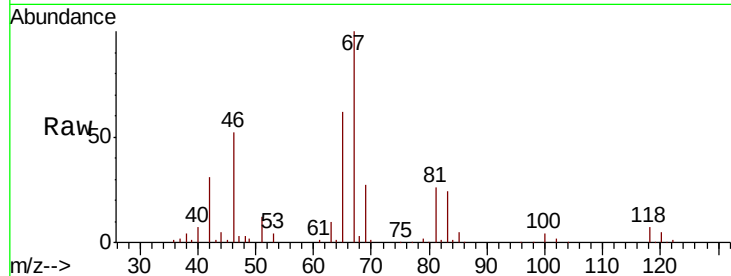




#35
Methylvlcyclohexane
Concen: 0.855 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038303.D
Acq: 26 May 2020 17:46

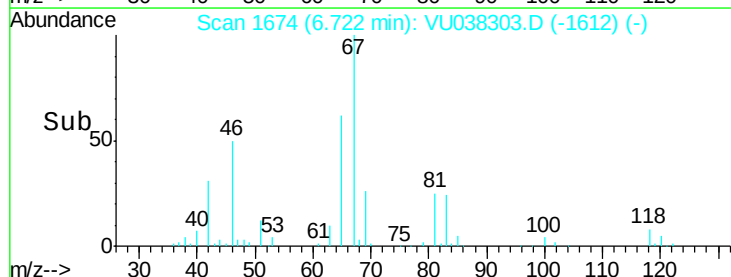
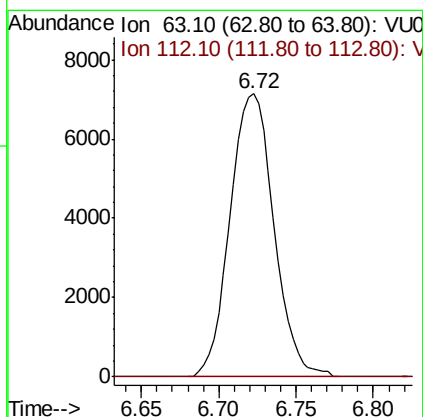
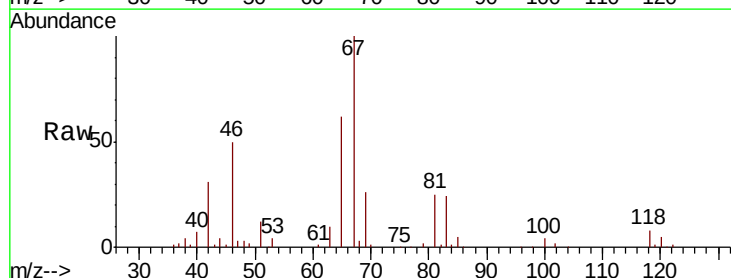
Instrument :
MSVOA_U
ClientSampleId :

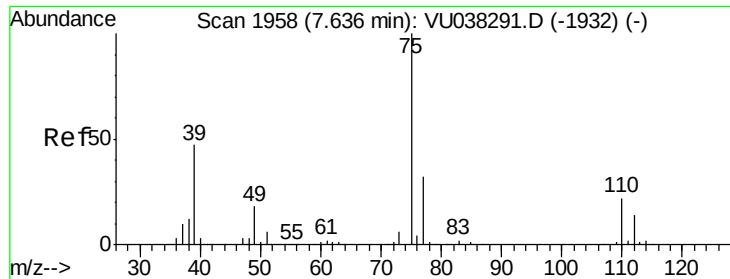
Tot Ion: 83 Resp: 31958
Ion Ratio Lower Upper
83 100
55 0.0 66.7 100.1#
98 0.4 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038303.D
Acq: 26 May 2020 17:46

Tgt Ion: 63 Resp: 14069
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



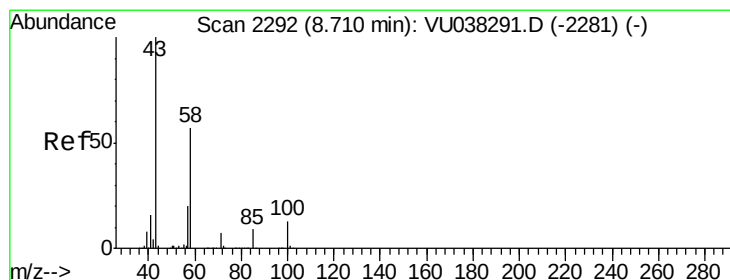
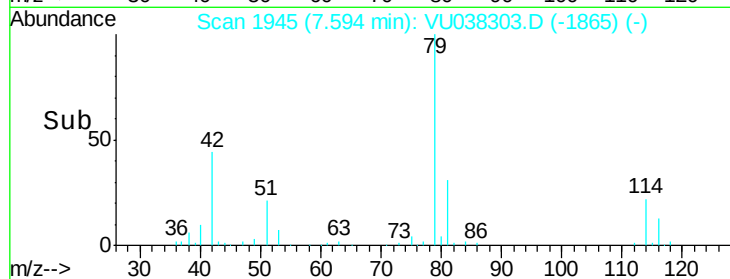
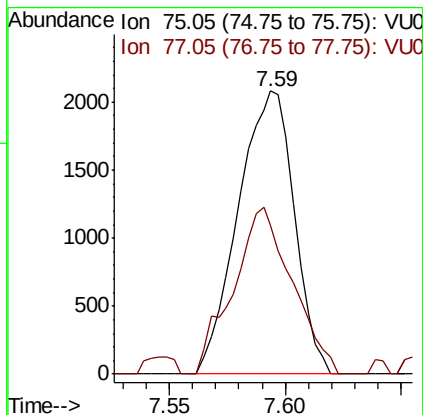
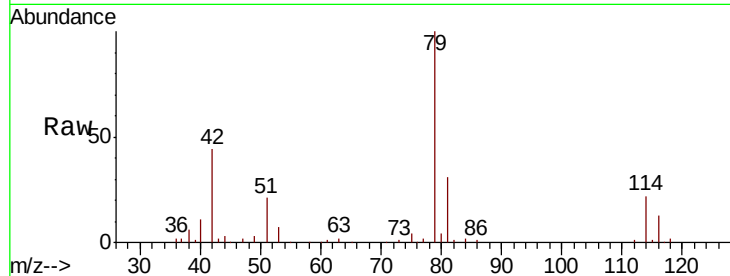


#39

cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038303.D
 Acq: 26 May 2020 17:46

Instrument :
 MSVOA_U
 ClientSampleId :

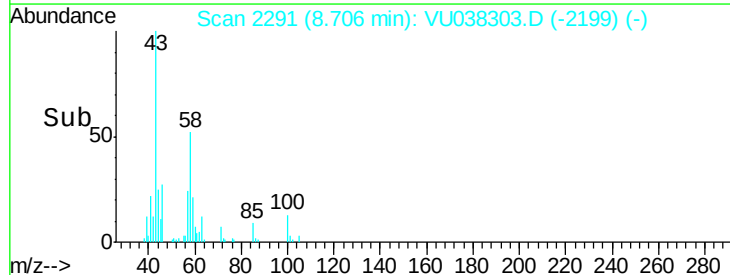
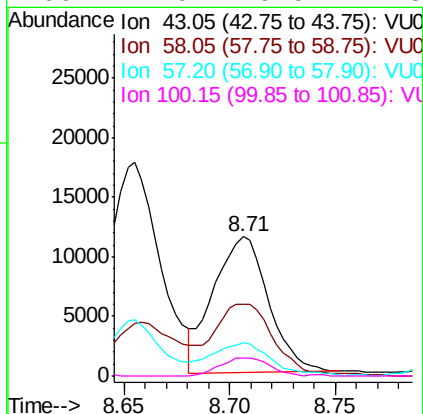
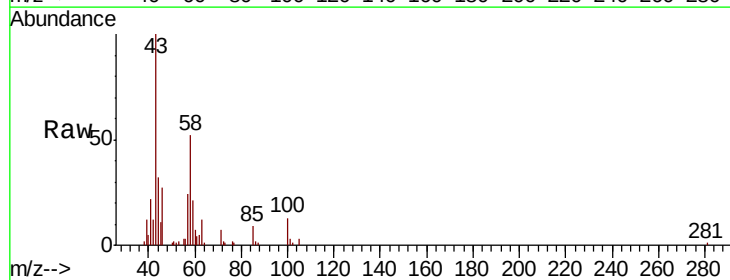
Tot Ion: 75 Resp: 3490
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.4 41.6#

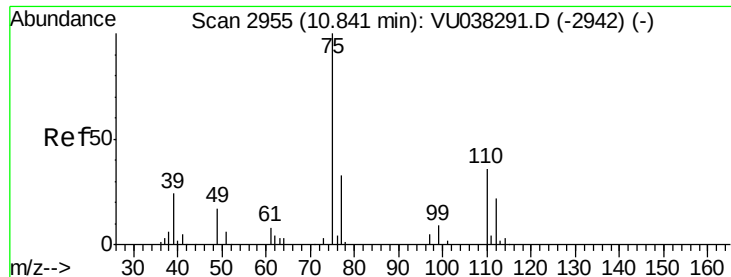


#48

2-Hexanone
 Concen: 1.639 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038303.D
 Acq: 26 May 2020 17:46

Tgt Ion: 43 Resp: 20846
 Ion Ratio Lower Upper
 43 100
 58 57.3 45.2 67.8
 57 26.8 15.5 23.3#
 100 12.0 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 1.060 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038303.D

Acq: 26 May 2020 17:46

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 17831

Ion Ratio Lower Upper

75 100

77 39.9 25.4 38.0#

