

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038437.D
 Acq On : 31 May 2020 01:15
 Operator : JC/MD
 Sample : L2787-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 06:29:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	301132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	299637	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94615	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.93	69	79482	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.59	63	138780	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.67	46	343237	57.97	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.94%
24) Chloroform-d	5.10	84	191570	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.74	65	115377	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.76	84	385539	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.72	67	119902	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.92	98	322255	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.20	79	47195	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.65	63	294933	60.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104373	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	134743	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

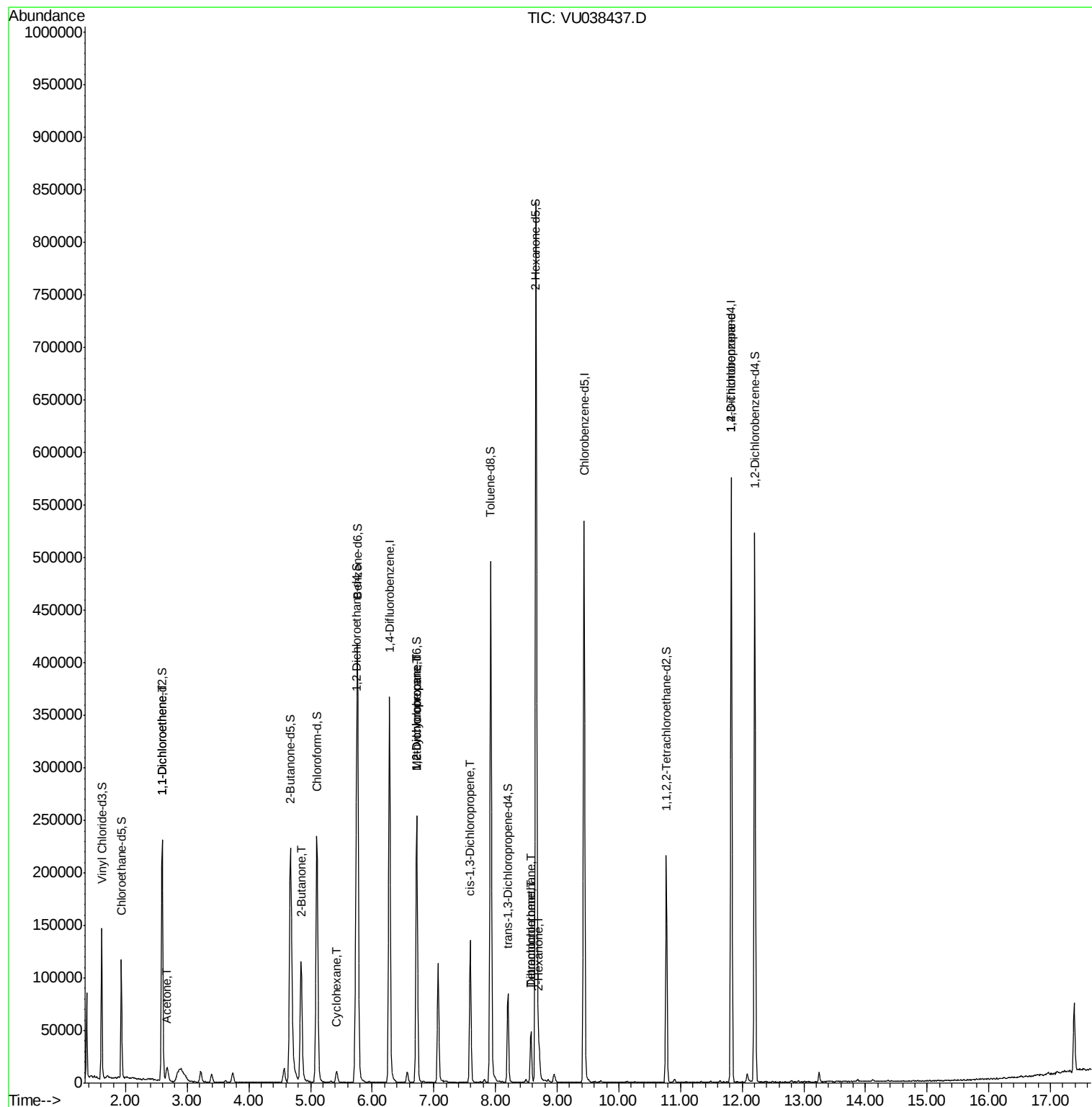
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1296	0.070	ug/L #	1
13) Acetone	2.67	43	23519	6.070	ug/L	91
21) 2-Butanone	4.84	43	155374	23.841	ug/L #	50
30) Cyclohexane	5.42	56	5532	0.166	ug/L #	86
35) Methylcyclohexane	6.72	83	27954	0.833	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13268	0.631	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3280	0.106	ug/L #	80
47) Tetrachloroethene	8.57	164	11502	0.730	ug/L	99
48) 2-Hexanone	8.71	43	15304	1.344	ug/L #	90
49) Dibromochloromethane	8.57	129	10563	0.617	ug/L #	11
59) 1,2,3-Trichloropropane	11.82	75	18168	1.158	ug/L #	85

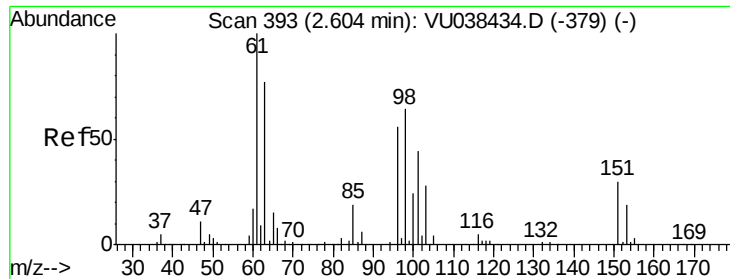
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038437.D

Acq: 31 May 2020 01:15

Instrument :
MSVOA_U
ClientSampled :

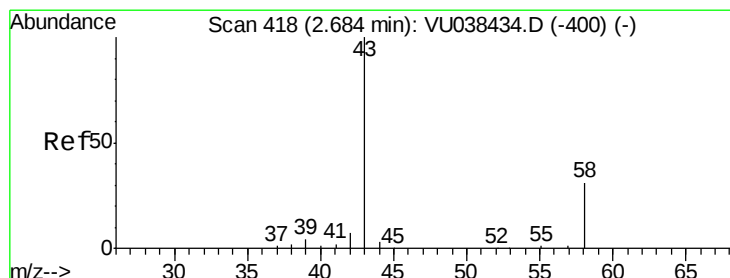
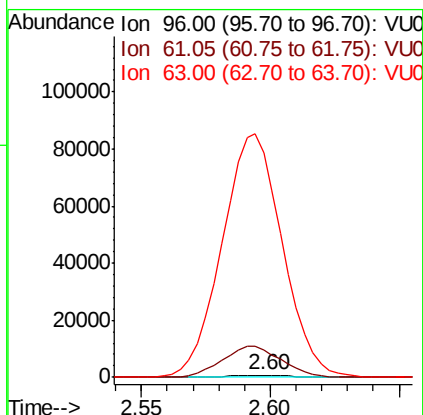
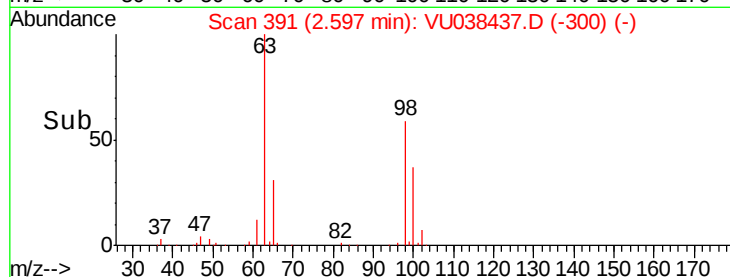
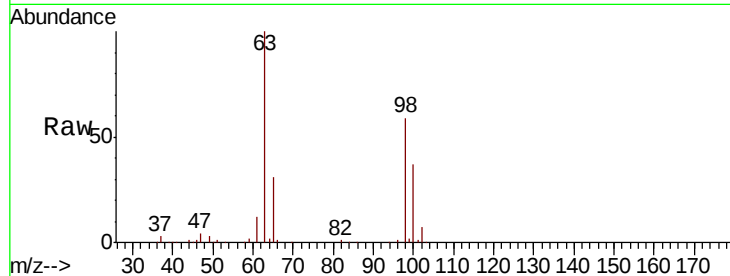
Tot Ion: 96 Resp: 1296

Ion Ratio Lower Upper

96 100

61 1173.4 119.9 222.7#

63 9765.0 89.9 167.0#



#13

Acetone

Concen: 6.070 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU038437.D

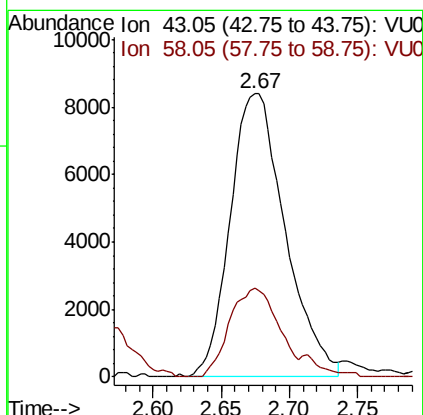
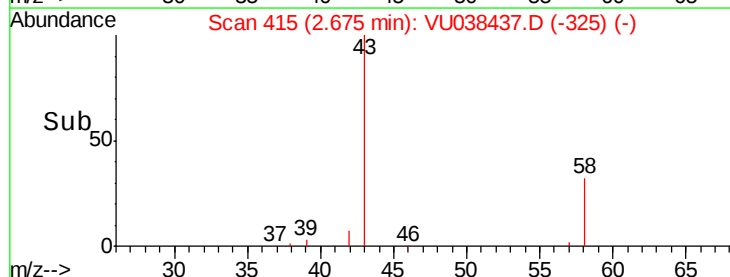
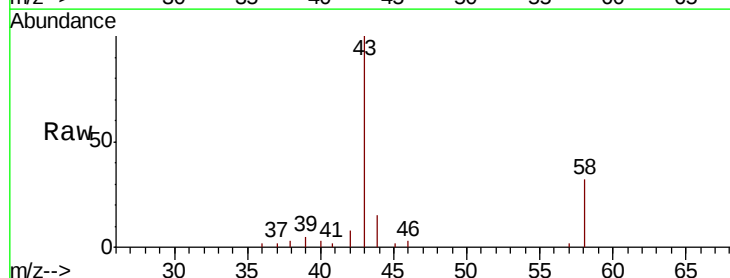
Acq: 31 May 2020 01:15

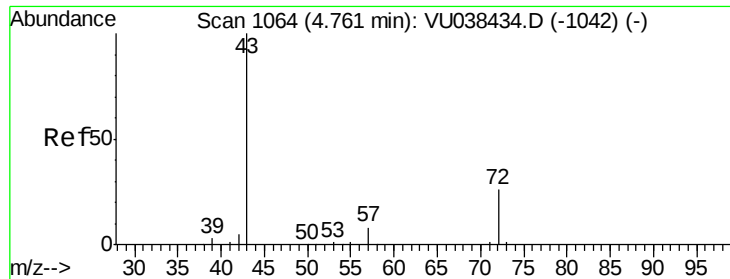
Tgt Ion: 43 Resp: 23519

Ion Ratio Lower Upper

43 100

58 27.7 0.0 65.6





#21

2-Butanone

Concen: 23.841 ug/L

RT: 4.84 min Scan# 1090

Delta R.T. 0.08 min

Lab File: VU038437.D

Acq: 31 May 2020 01:15

Instrument :

MSVOA_U

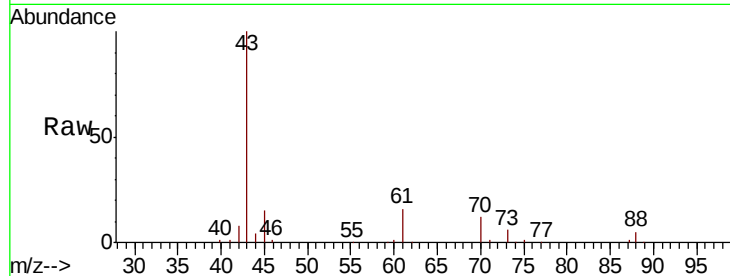
ClientSampleId :

Tot Ion: 43 Resp: 155374

Ion Ratio Lower Upper

43 100

72 0.1 12.6 37.8#

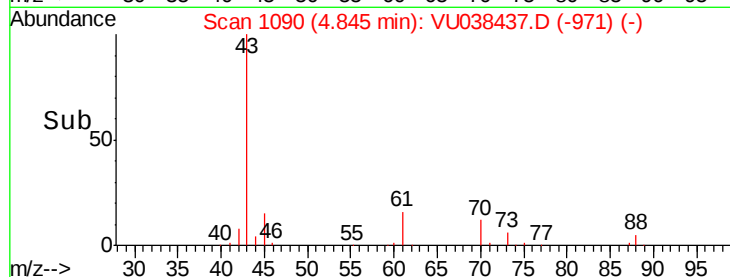


Abundance Ion 43.05 (42.75 to 43.75): VU038437.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU038437.D (-971) (-)

4.84

Time-->



80000

60000

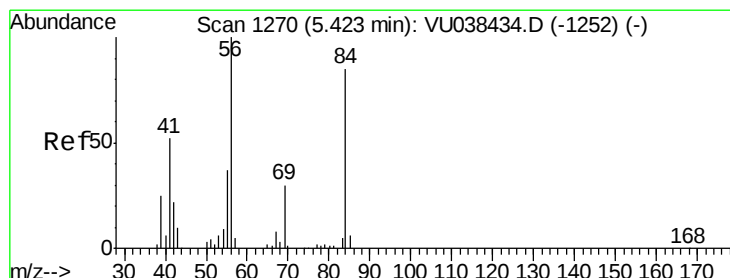
40000

20000

0

4.80 4.90

Time-->



#30

Cyclohexane

Concen: 0.166 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU038437.D

Acq: 31 May 2020 01:15

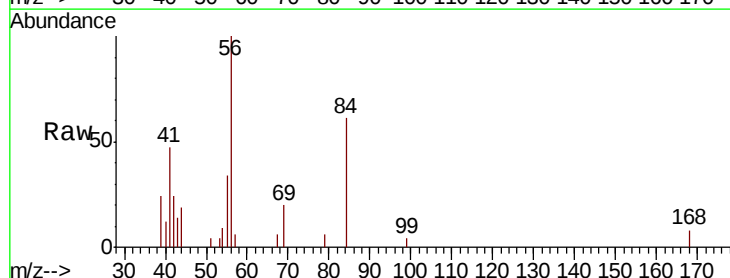
Tgt Ion: 56 Resp: 5532

Ion Ratio Lower Upper

56 100

69 15.3 24.2 36.4#

84 80.3 70.8 106.2



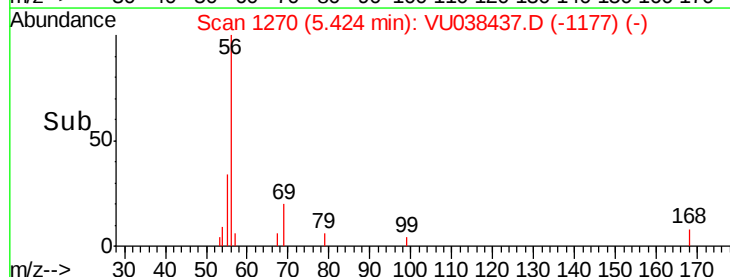
Abundance Ion 56.10 (55.80 to 56.80): VU038437.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038437.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038437.D (-1177) (-)

5.42

Time-->



3000

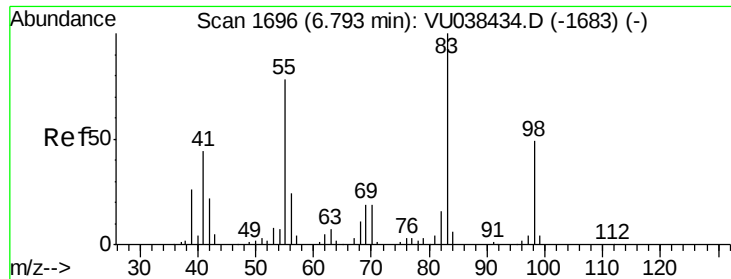
2000

1000

0

5.35 5.40 5.45

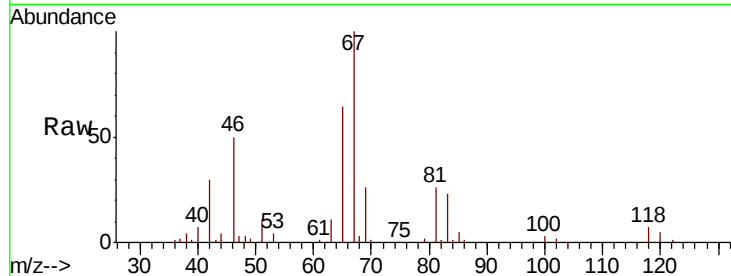
Time-->



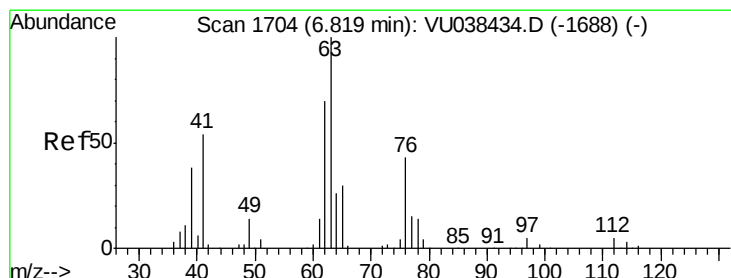
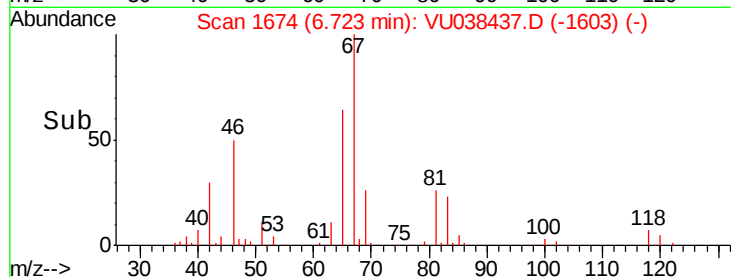
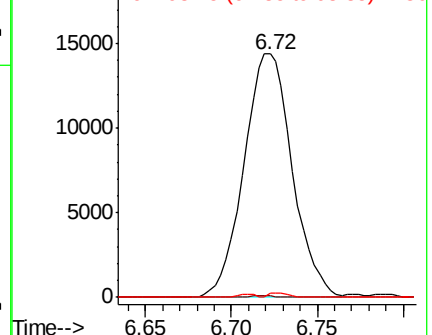
#35
Methvlcvclohexane
Concen: 0.833 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038437.D
Acq: 31 May 2020 01:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 27954
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 0.7 39.0 58.4#

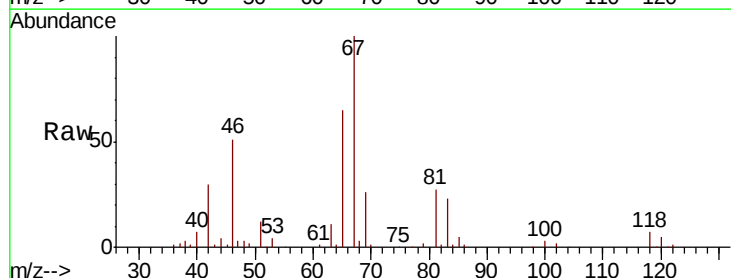


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

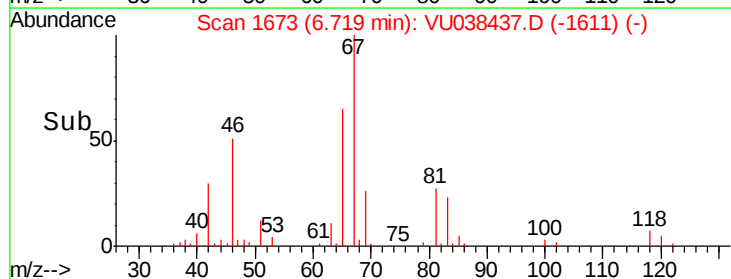
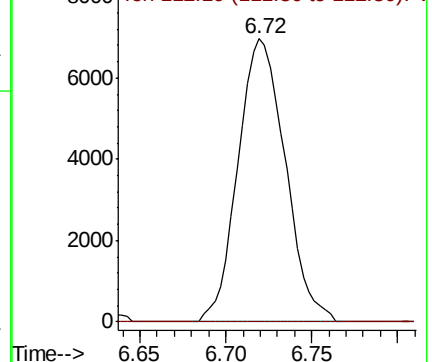


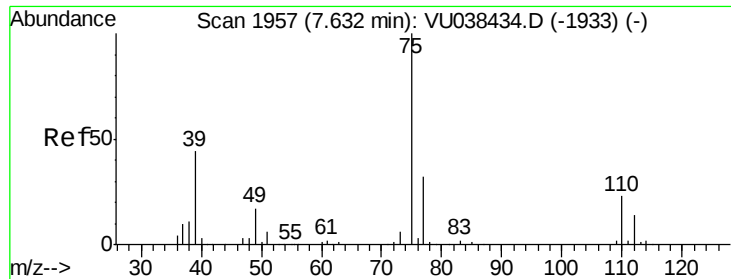
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038437.D
Acq: 31 May 2020 01:15

Tgt Ion: 63 Resp: 13268
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



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

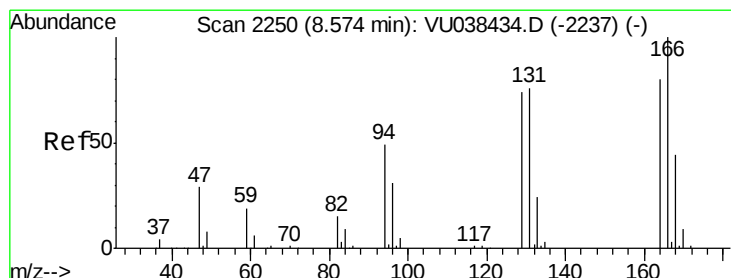
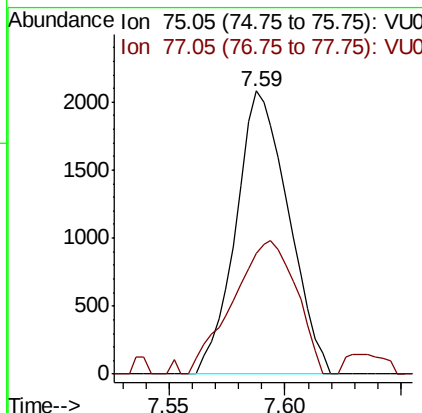
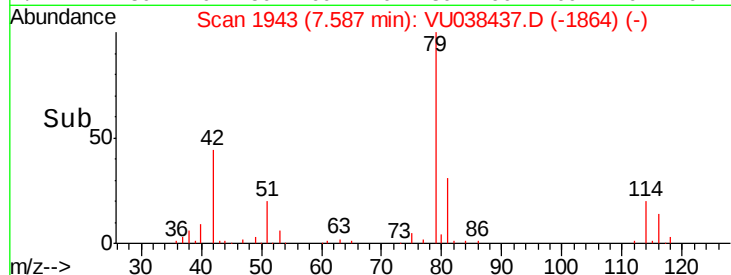
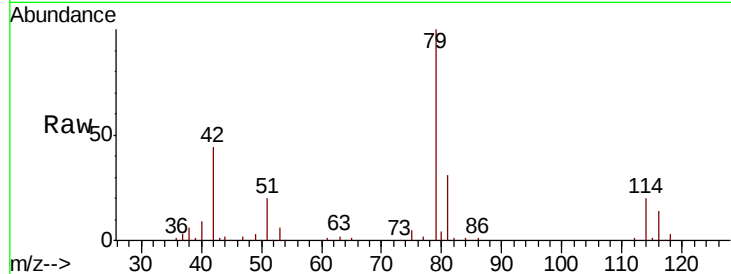




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038437.D
 Acq: 31 May 2020 01:15

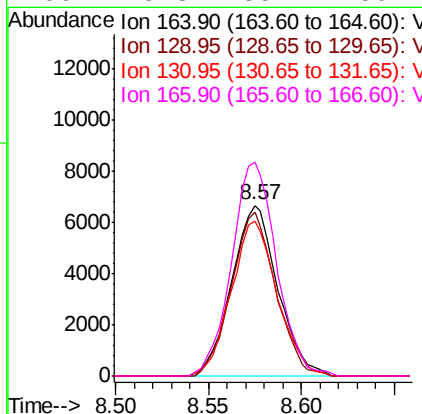
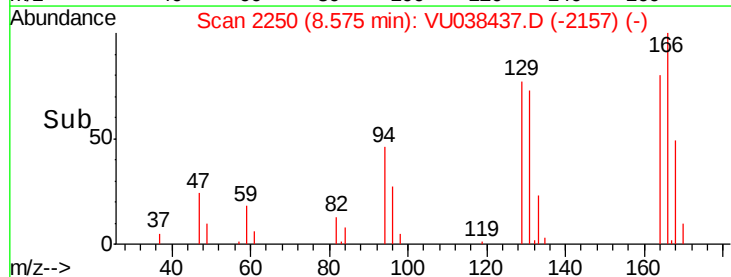
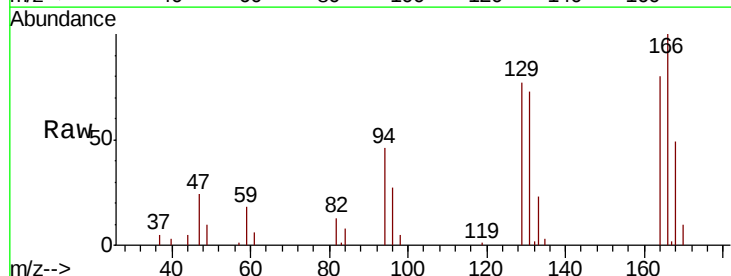
Instrument :
 MSVOA_U
 ClientSampleId :

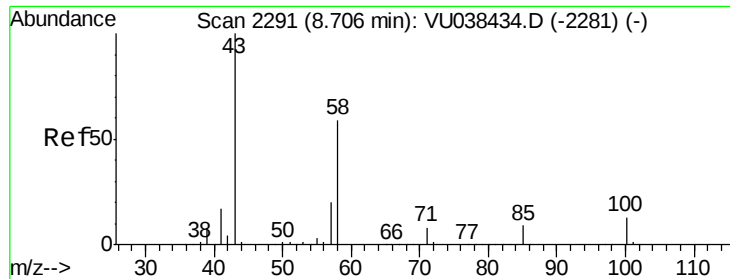
Tot Ion: 75 Resp: 3280
 Ion Ratio Lower Upper
 75 100
 77 42.5 21.9 40.7#



#47
 Tetrachloroethene
 Concen: 0.730 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038437.D
 Acq: 31 May 2020 01:15

Tgt Ion:164 Resp: 11502
 Ion Ratio Lower Upper
 164 100
 129 95.9 67.4 125.2
 131 90.9 64.1 119.1
 166 125.3 85.7 159.1

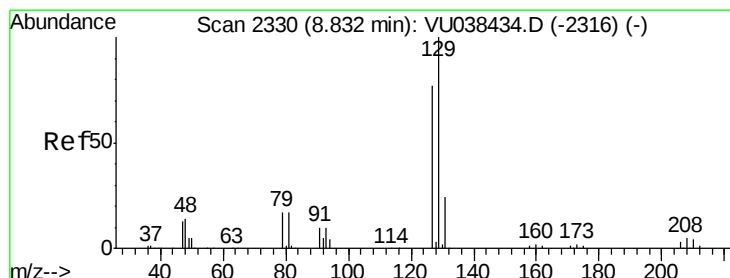
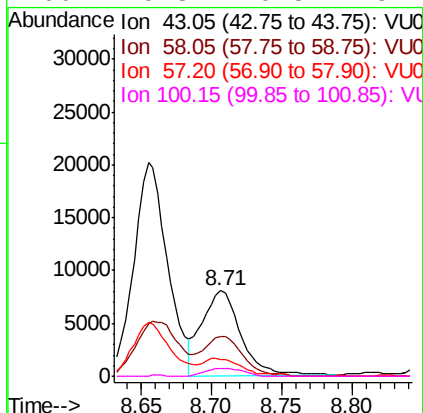
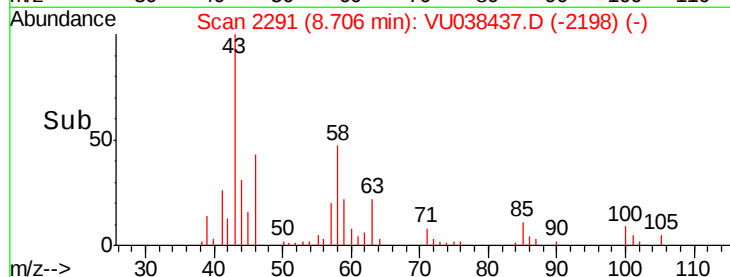
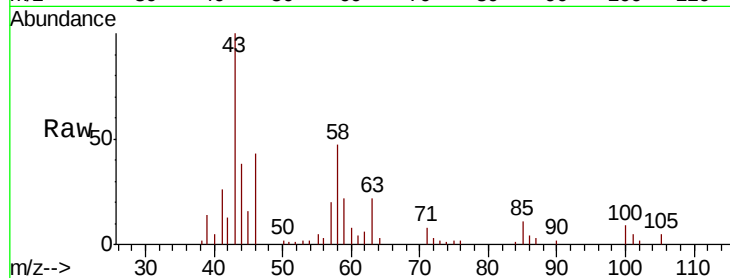




#48
2-Hexanone
Concen: 1.344 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038437.D
Acq: 31 May 2020 01:15

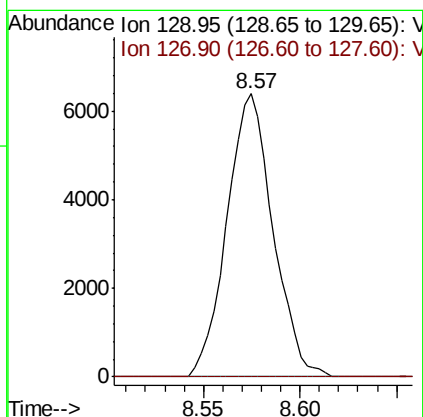
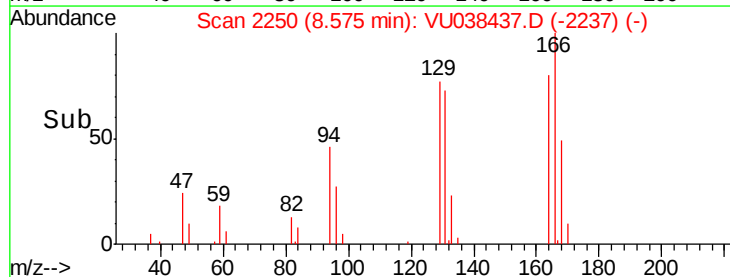
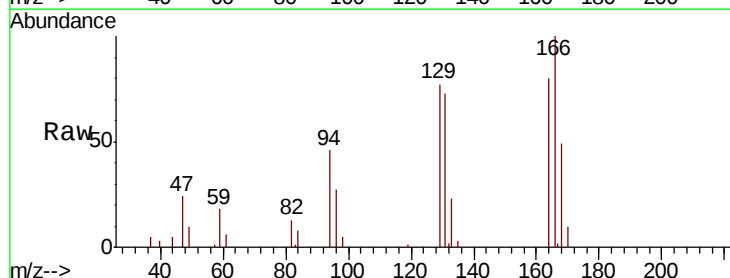
Instrument :
MSVOA_U
ClientSampleId :

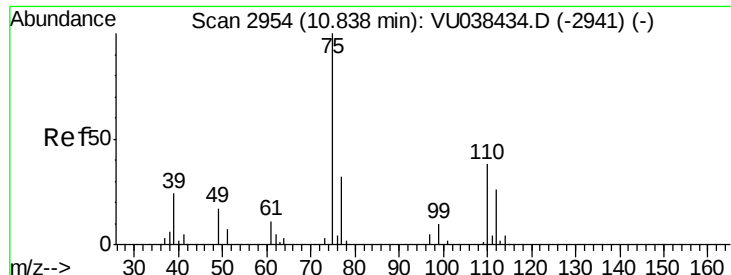
Tot Ion: 43 Resp: 15304
Ion Ratio Lower Upper
43 100
58 47.9 45.4 68.0
57 16.7 15.9 23.9
100 9.3 10.5 15.7#



#49
Dibromochloromethane
Concen: 0.617 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038437.D
Acq: 31 May 2020 01:15

Tgt Ion: 129 Resp: 10563
Ion Ratio Lower Upper
129 100
127 0.0 53.3 99.1#





#59

1,2,3-Trichloropropane

Concen: 1.158 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038437.D

Acq: 31 May 2020 01:15

Instrument :

MSVOA_U

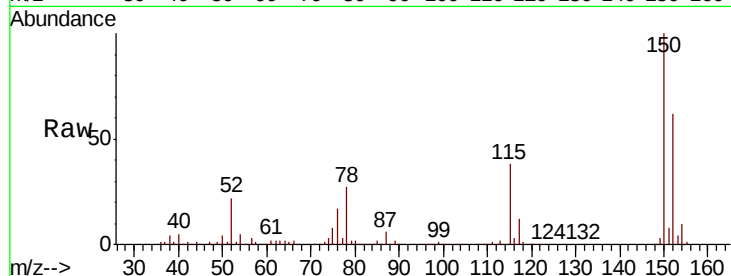
ClientSampleId :

Tot Ion: 75 Resp: 18168

Ion Ratio Lower Upper

75 100

77 40.4 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

