

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038644.D
 Acq On : 07 Jun 2020 02:53
 Operator : SY/MD
 Sample : L2911-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D32

Quant Time: Jun 08 03:02:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	330953	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	323456	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	166713	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94679	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	81665	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.59	63	149638	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.67	46	370072	56.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.74%
24) Chloroform-d	5.10	84	206167	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.74	65	119922	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.76	84	418969	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.72	67	131161	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.92	98	353379	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.20	79	50349	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.65	63	317680	60.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116120	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	150694	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

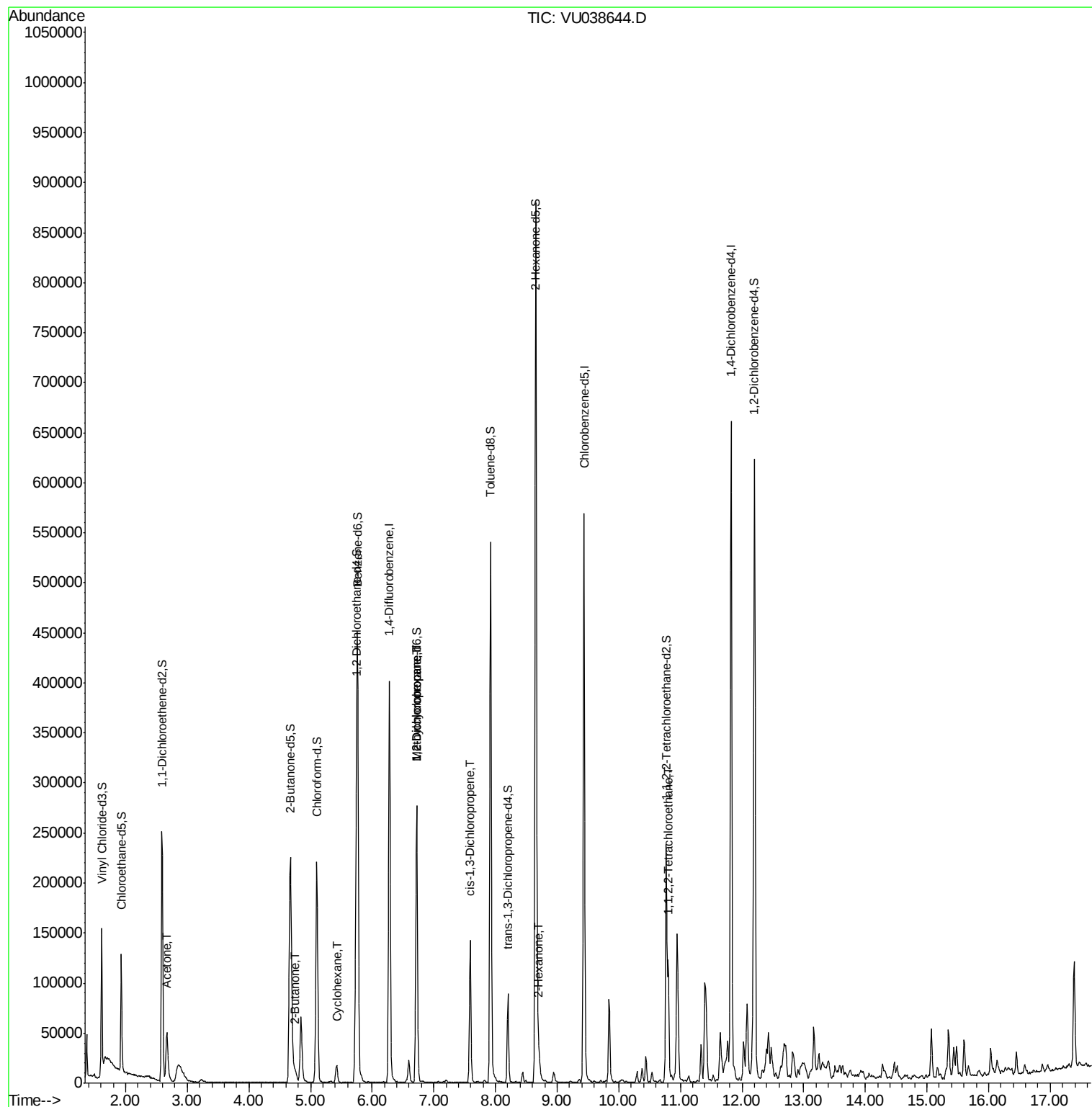
					Ovalue
13) Acetone	2.67	43	77316	18.156	ug/L 100
21) 2-Butanone	4.75	43	12369	1.727	ug/L 91
30) Cyclohexane	5.42	56	8275	0.231	ug/L 87
35) Methylcyclohexane	6.72	83	31020	0.856	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	14535	0.640	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	3735	0.111	ug/L # 60
48) 2-Hexanone	8.71	43	15129	1.231	ug/L # 92
58) 1,1,2,2-Tetrachloroethane	10.80	83	5167	0.237	ug/L # 50

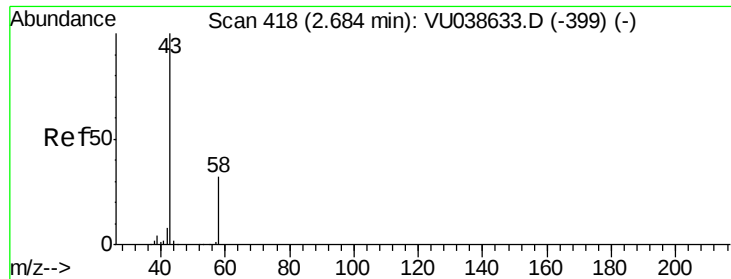
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.156 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038644.D

Acq: 07 Jun 2020 02:53

Instrument :

MSVOA_U

ClientSampleId :

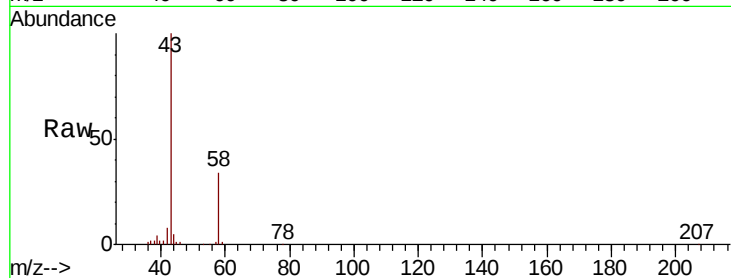
F9D32

Tot Ion: 43 Resp: 77316

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)

2.67

30000

20000

10000

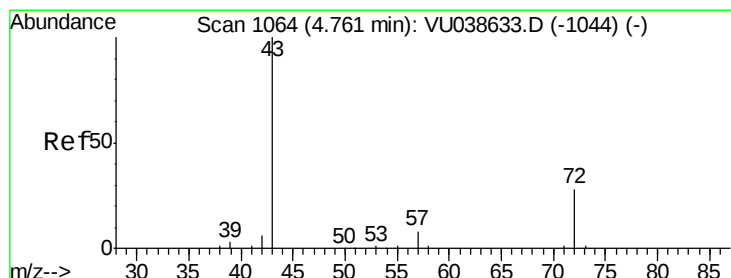
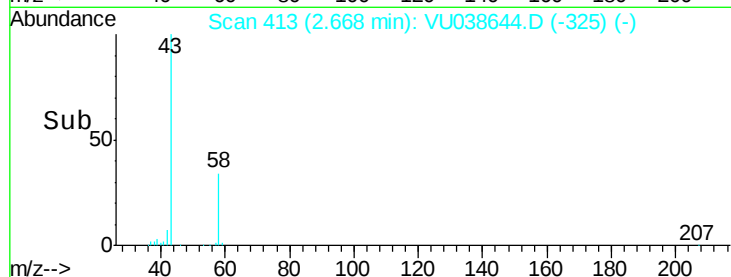
0

Time-->

2.60

2.70

2.80



#21

2-Butanone

Concen: 1.727 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU038644.D

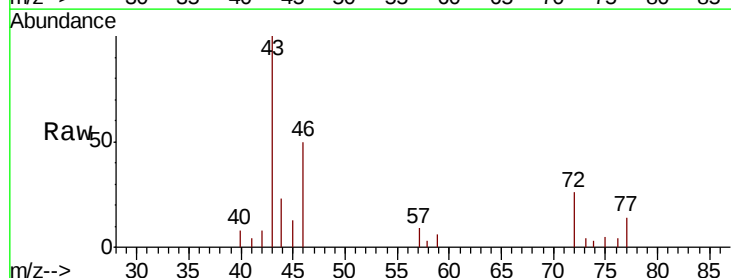
Acq: 07 Jun 2020 02:53

Tgt Ion: 43 Resp: 12369

Ion Ratio Lower Upper

43 100

72 29.8 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-1044) (-)

Ion 72.10 (71.80 to 72.80): VU038633.D (-1044) (-)

4.75

40000

30000

20000

10000

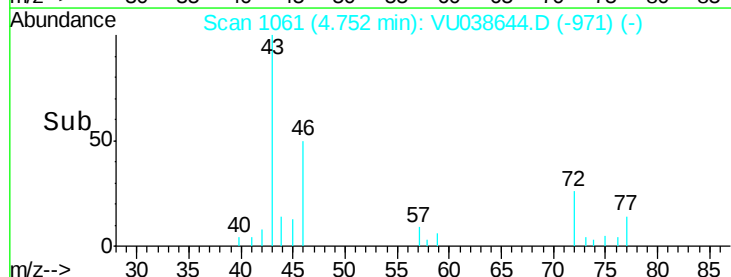
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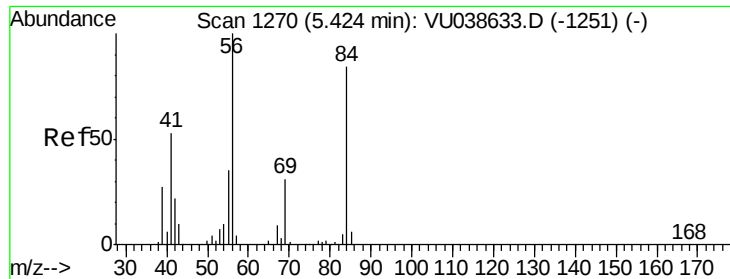
Time-->

4.70

4.75

4.80

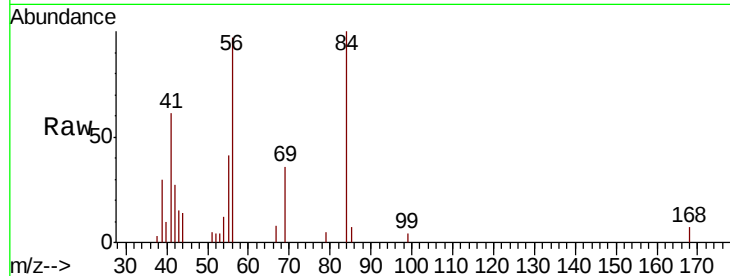




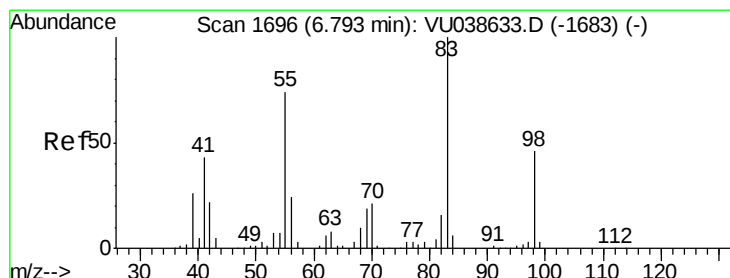
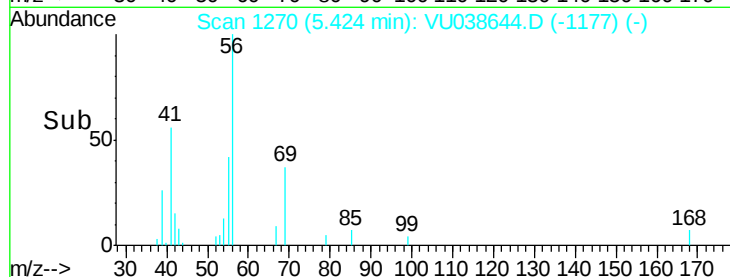
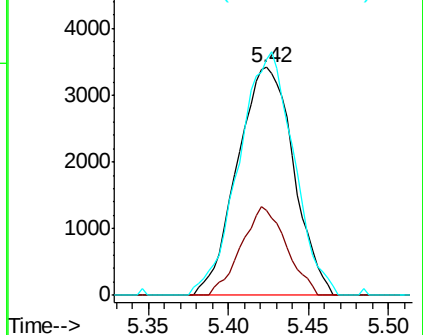
#30
Cyclohexane
Concen: 0.231 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038644.D
Acq: 07 Jun 2020 02:53

Instrument :
MSVOA_U
ClientSampleId :
F9D32

Tot Ion	56	Resp	8275
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.2	36.4
84	103.8	70.8	106.2

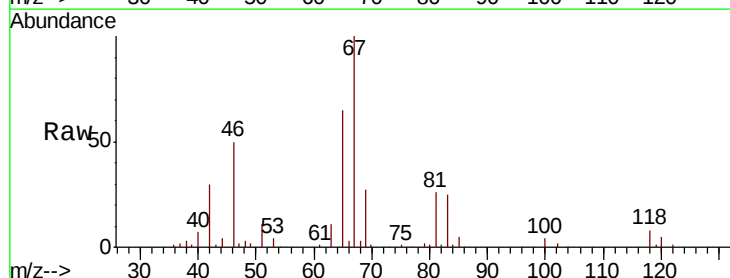


Abundance Ion 56.10 (55.80 to 56.80): VU038644.D (-1177) (-)
Ion 69.15 (68.85 to 69.85): VU038644.D (-1177) (-)
Ion 84.15 (83.85 to 84.85): VU038644.D (-1177) (-)

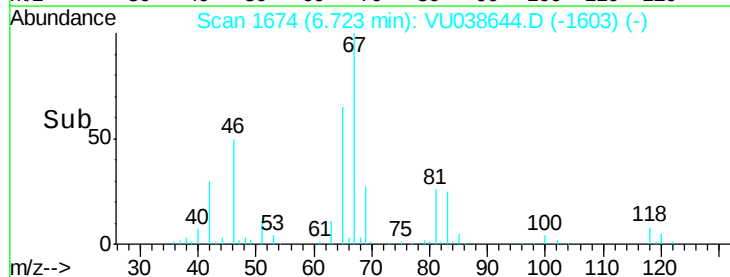
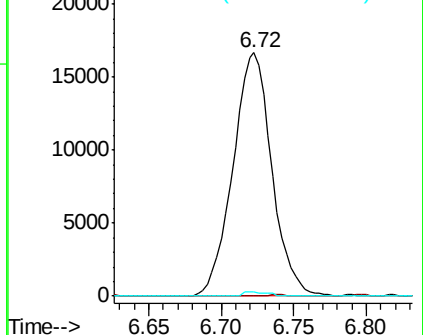


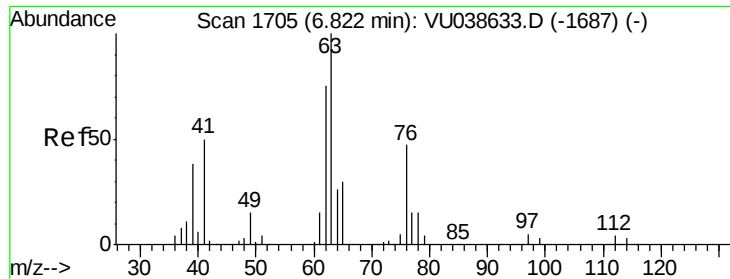
#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038644.D
Acq: 07 Jun 2020 02:53

Tgt Ion	83	Resp	31020
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.2#
98	1.0	39.0	58.4#



Abundance Ion 83.15 (82.85 to 83.85): VU038644.D (-1603) (-)
Ion 55.10 (54.80 to 55.80): VU038644.D (-1603) (-)
Ion 98.15 (97.85 to 98.85): VU038644.D (-1603) (-)

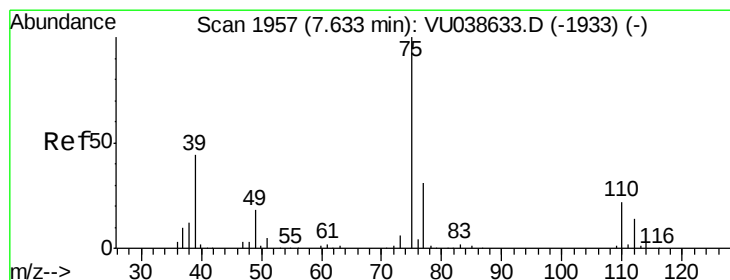
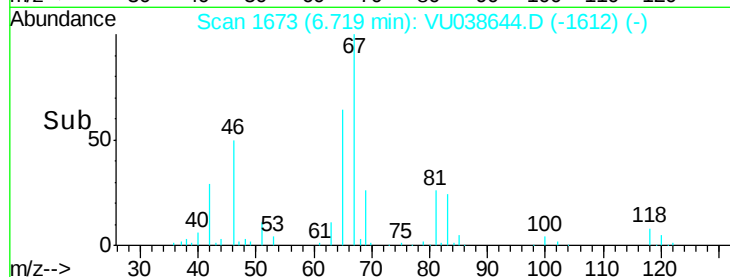
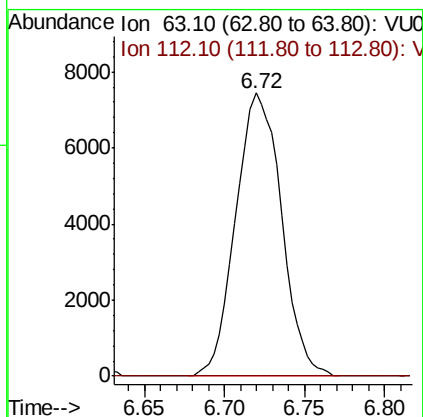
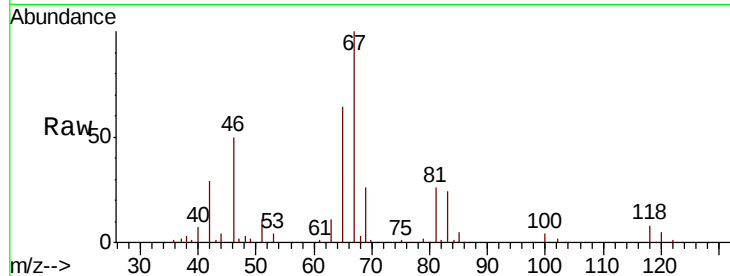




#37
 1,2-Dichloropropane
 Concen: 0.640 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038644.D
 Acq: 07 Jun 2020 02:53

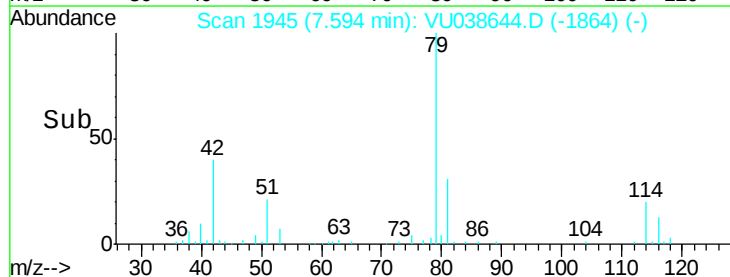
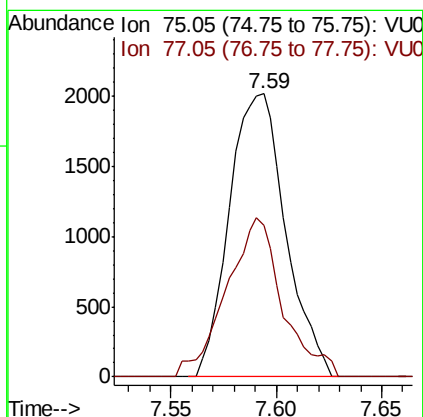
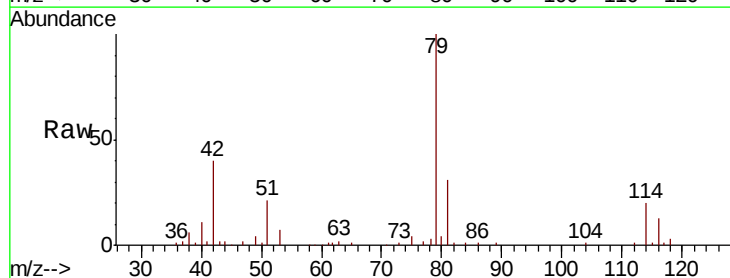
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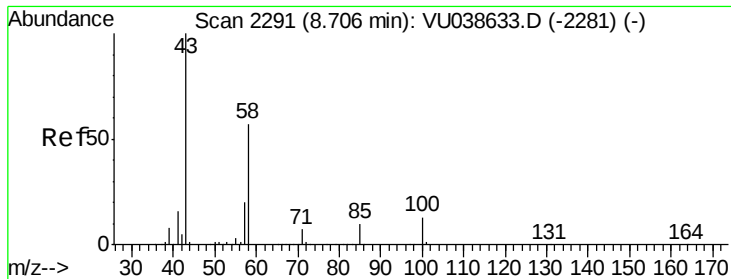
Tot Ion: 63 Resp: 14535
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038644.D
 Acq: 07 Jun 2020 02:53

Tgt Ion: 75 Resp: 3735
 Ion Ratio Lower Upper
 75 100
 77 53.4 21.9 40.7#

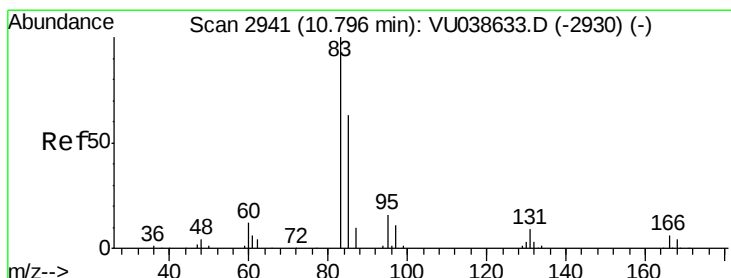
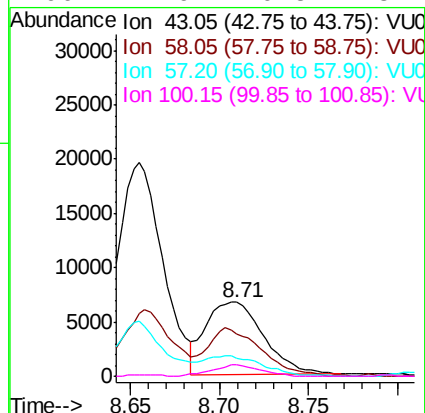
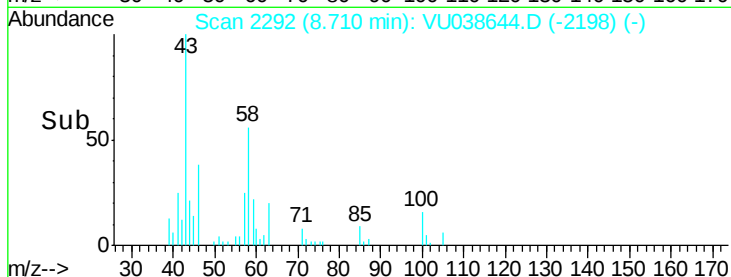
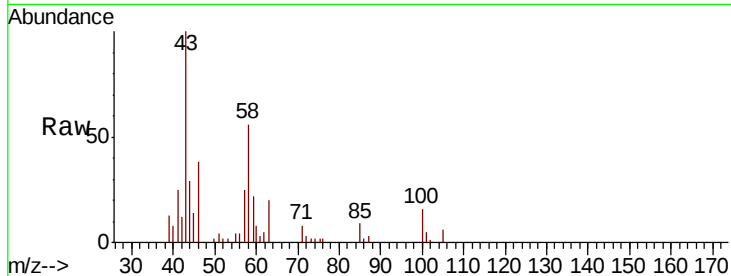




#48
2-Hexanone
Concen: 1.231 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038644.D
Acq: 07 Jun 2020 02:53

Instrument :
MSVOA_U
ClientSampleId :
F9D32

Tot Ion: 43 Resp: 15129
Ion Ratio Lower Upper
43 100
58 61.6 45.4 68.0
57 27.5 15.9 23.9#
100 12.9 10.5 15.7



#58
1,1,2,2-Tetrachloroethane
Concen: 0.237 ug/L
RT: 10.80 min Scan# 2943
Delta R.T. 0.01 min
Lab File: VU038644.D
Acq: 07 Jun 2020 02:53

Tgt Ion: 83 Resp: 5167
Ion Ratio Lower Upper
83 100
85 21.6 44.2 82.0#
131 0.0 8.1 12.1#

