

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038647.D
 Acq On : 07 Jun 2020 04:02
 Operator : SY/MD
 Sample : L2911-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D35

Quant Time: Jun 08 03:03:13 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	329713	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	322768	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	156631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89907	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.93	69	76272	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	140203	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.67	46	346152	53.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.80%
24) Chloroform-d	5.10	84	193032	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	115636	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.76	84	398864	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.72	67	122600	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.92	98	330230	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.20	79	45978	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.65	63	299559	56.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108407	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	139561	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

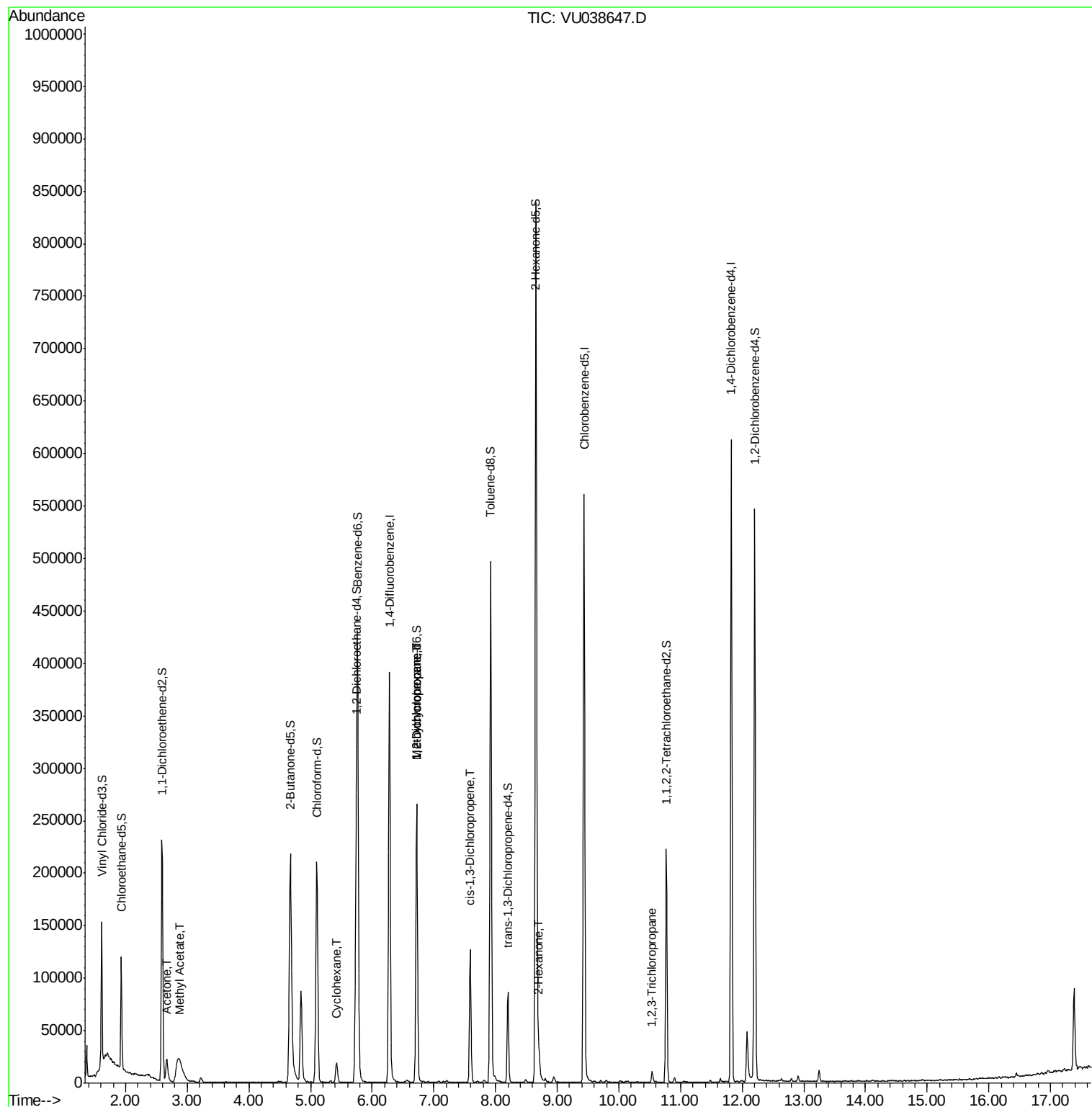
					Ovalue
13) Acetone	2.67	43	34318	8.089 ug/L	96
15) Methyl Acetate	2.88	43	2494	0.240 ug/L #	51
30) Cyclohexane	5.42	56	9634	0.269 ug/L	100
35) Methylcyclohexane	6.72	83	30361	0.839 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14100	0.623 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3148	0.094 ug/L #	34
48) 2-Hexanone	8.71	43	13080	1.066 ug/L	94
59) 1,2,3-Trichloropropane	10.54	75	6022	0.356 ug/L #	43

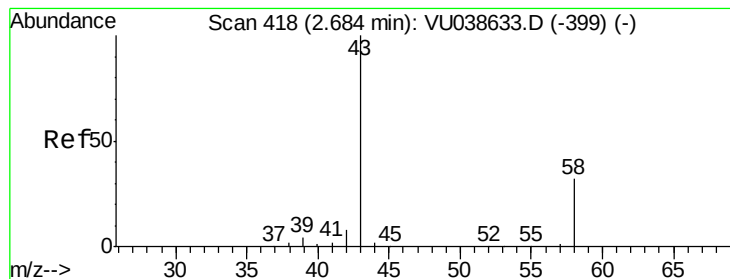
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.089 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038647.D

Acq: 07 Jun 2020 04:02

Instrument :

MSVOA_U

ClientSampleId :

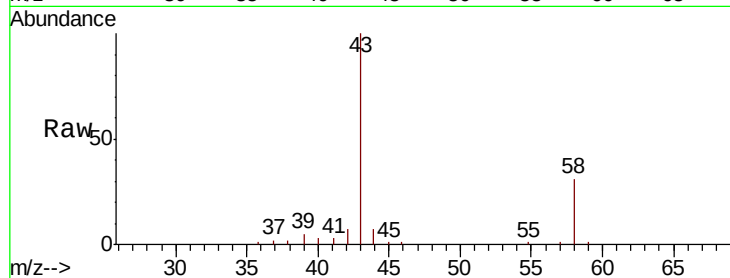
F9D35

Tot Ion: 43 Resp: 34318

Ion Ratio Lower Upper

43 100

58 30.4 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) (-)

15000

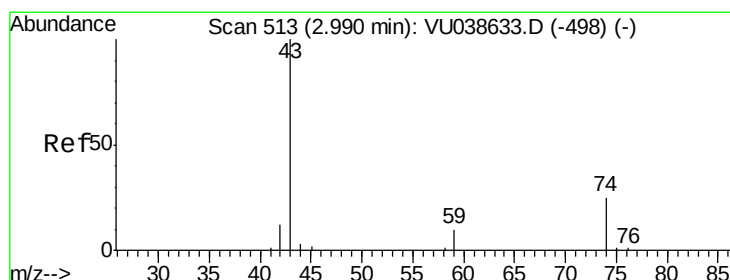
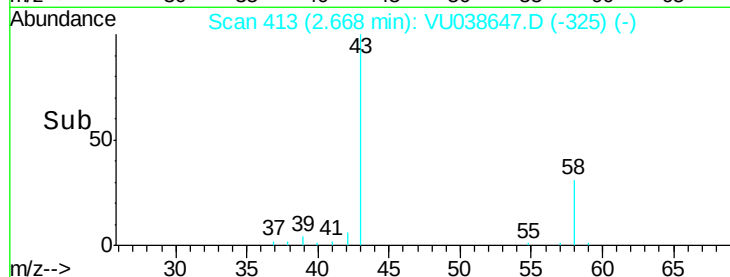
10000

5000

0

2.60 2.70 2.80

Time-->



#15

Methyl Acetate

Concen: 0.240 ug/L

RT: 2.88 min Scan# 480

Delta R.T. -0.11 min

Lab File: VU038647.D

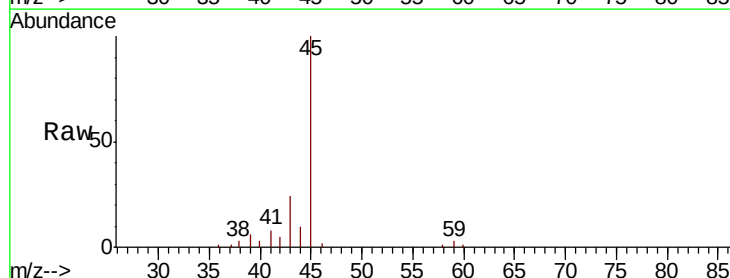
Acq: 07 Jun 2020 04:02

Tgt Ion: 43 Resp: 2494

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-498) (-)

Ion 74.05 (73.75 to 74.75): VU038633.D (-498) (-)

3000

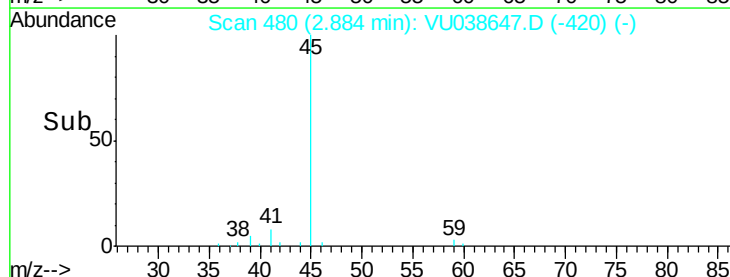
2000

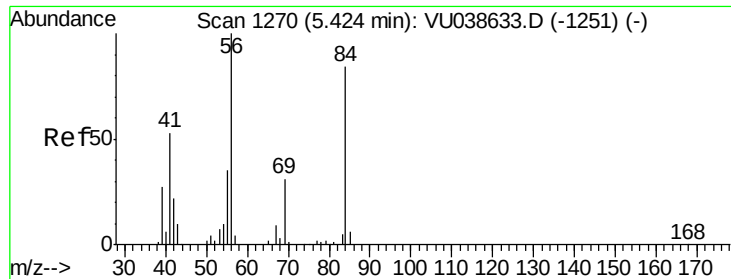
1000

0

2.86 2.88 2.90

Time-->

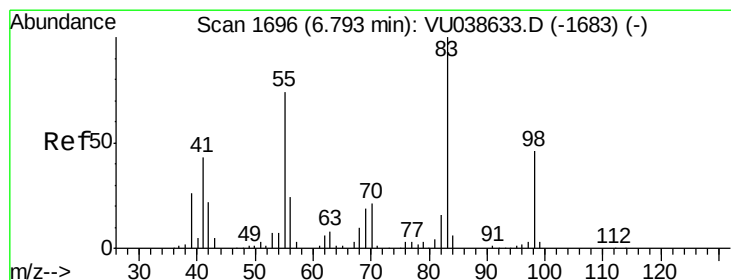
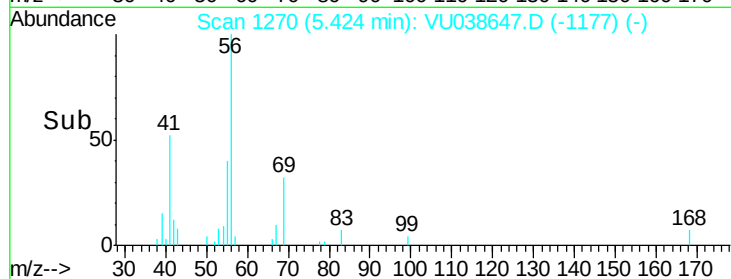
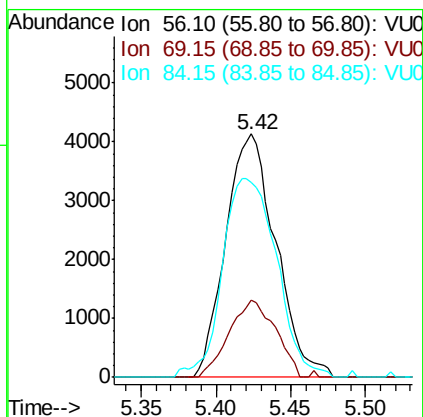
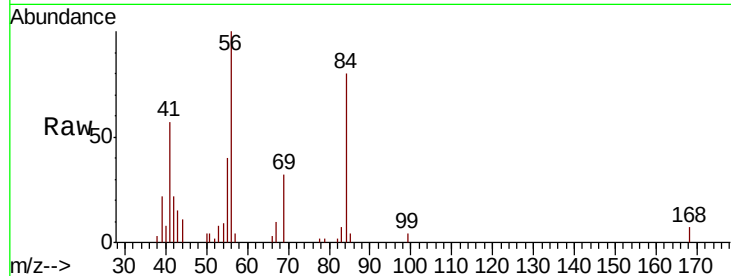




#30
Cyclohexane
Concen: 0.269 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038647.D
Acq: 07 Jun 2020 04:02

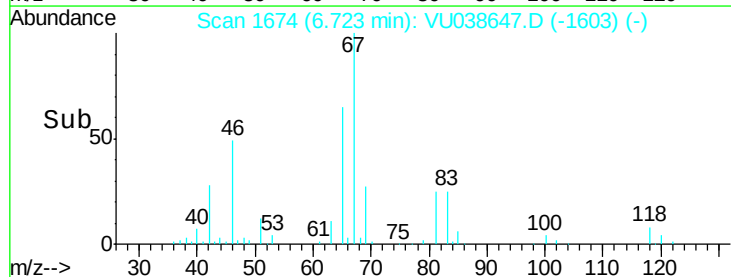
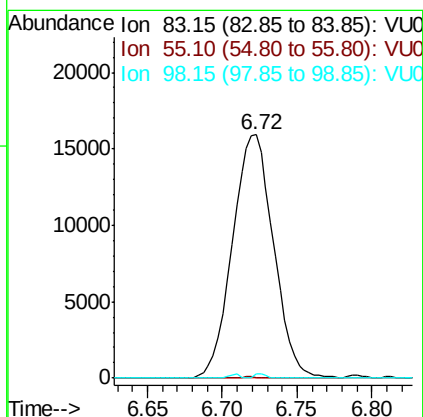
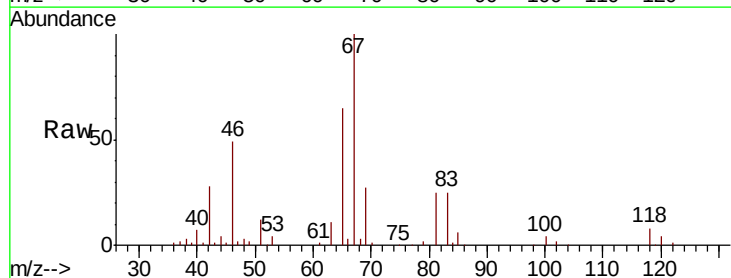
Instrument :
MSVOA_U
ClientSampled :
F9D35

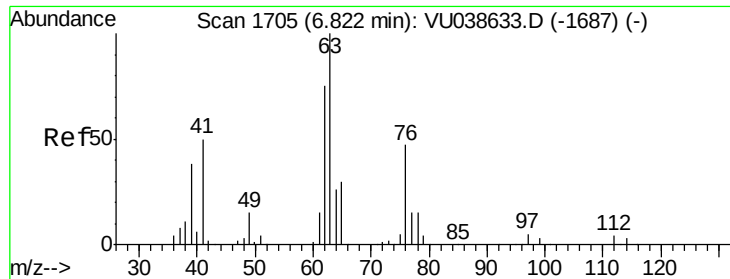
Tot Ion: 56 Resp: 9634
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.4
84 88.4 70.8 106.2



#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038647.D
Acq: 07 Jun 2020 04:02

Tgt Ion: 83 Resp: 30361
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 0.4 39.0 58.4#

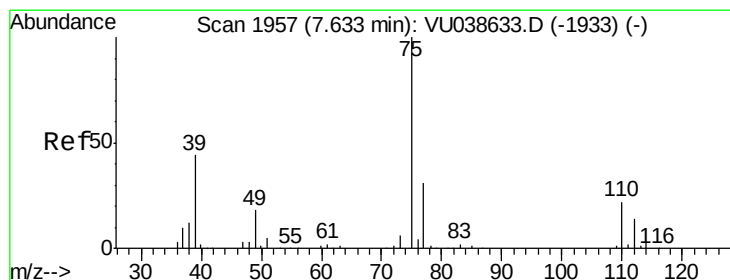
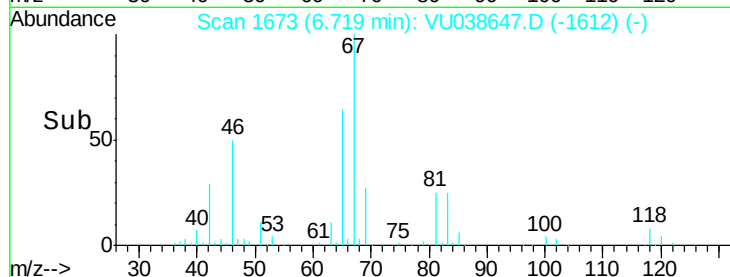
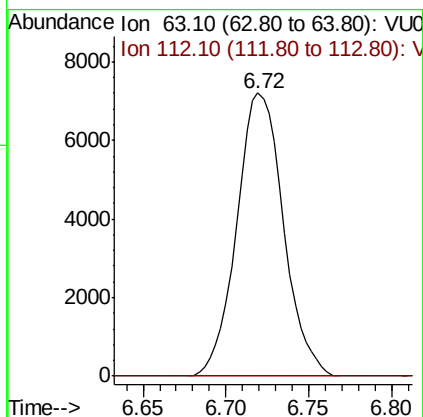
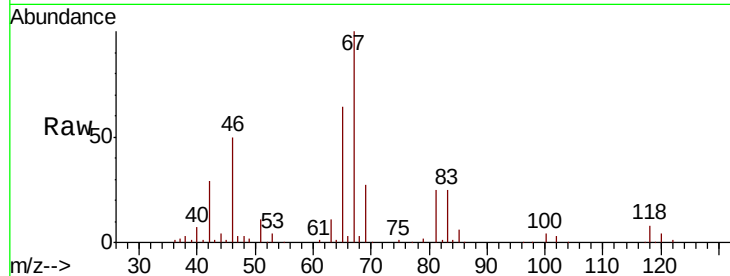




#37
 1,2-Dichloropropane
 Concen: 0.623 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038647.D
 Acq: 07 Jun 2020 04:02

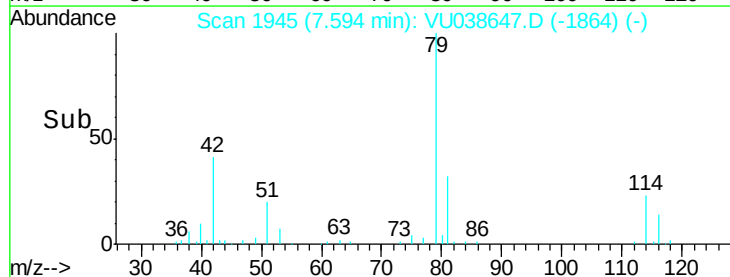
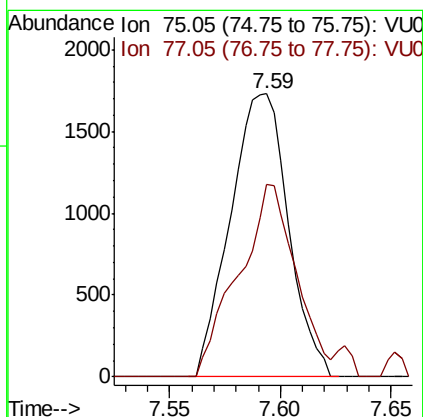
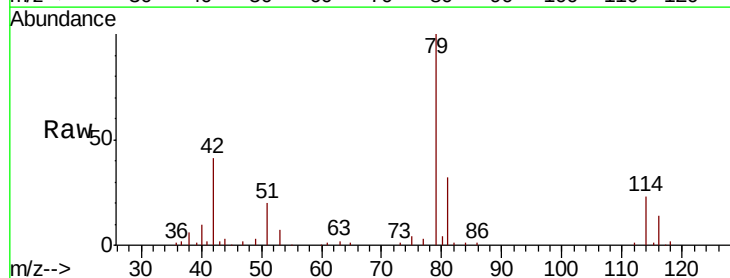
Instrument :
 MSVOA_U
 ClientSampled :
 F9D35

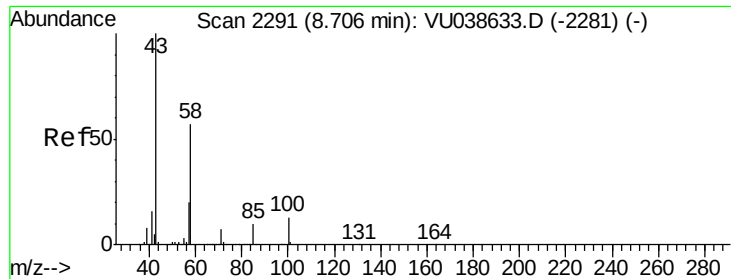
Tot Ion: 63 Resp: 14100
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038647.D
 Acq: 07 Jun 2020 04:02

Tgt Ion: 75 Resp: 3148
 Ion Ratio Lower Upper
 75 100
 77 67.9 21.9 40.7#

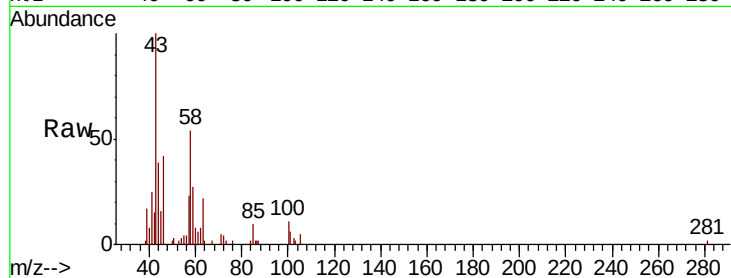




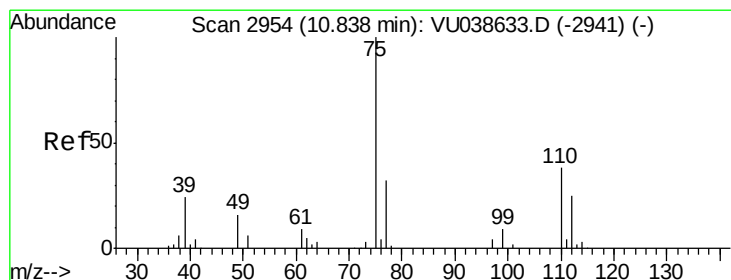
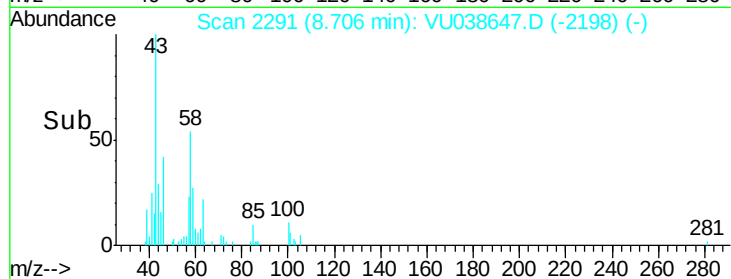
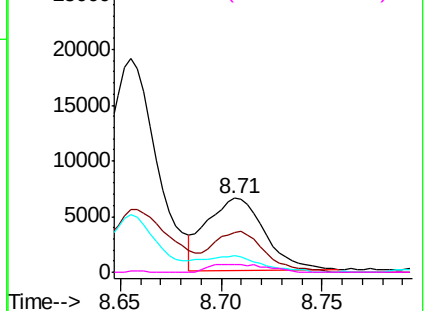
#48
2-Hexanone
Concen: 1.066 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038647.D
Acq: 07 Jun 2020 04:02

Instrument :
MSVOA_U
ClientSampleId :
F9D35

Tot Ion: 43 Resp: 13080
Ion Ratio Lower Upper
43 100
58 52.0 45.4 68.0
57 18.0 15.9 23.9
100 11.2 10.5 15.7

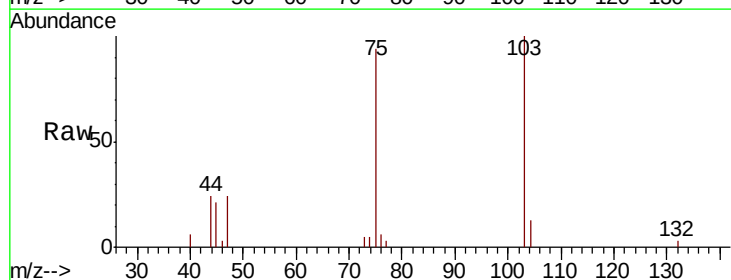


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.356 ug/L
RT: 10.54 min Scan# 2861
Delta R.T. -0.30 min
Lab File: VU038647.D
Acq: 07 Jun 2020 04:02

Tgt Ion: 75 Resp: 6022
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

