

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037012.D
 Acq On : 02 Mar 2020 20:16
 Operator : JC/MD
 Sample : L1729-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:25:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	264861	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251260	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93525	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81100	36.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.92%
7) Chloroethane-d5	1.93	69	79232	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.10%
11) 1,1-Dichloroethene-d2	2.59	63	110208	29.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.18%#
21) 2-Butanone-d5	4.67	46	164477	110.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.24%
24) Chloroform-d	5.11	84	163917	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	5.74	65	114958	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
32) Benzene-d6	5.76	84	348339	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.72	67	117810	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.10%
41) Toluene-d8	7.92	98	315496	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.20	79	49457	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.42%
47) 2-Hexanone-d5	8.66	63	116519	101.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	169387	51.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	98255	53.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.48%

Target Compounds

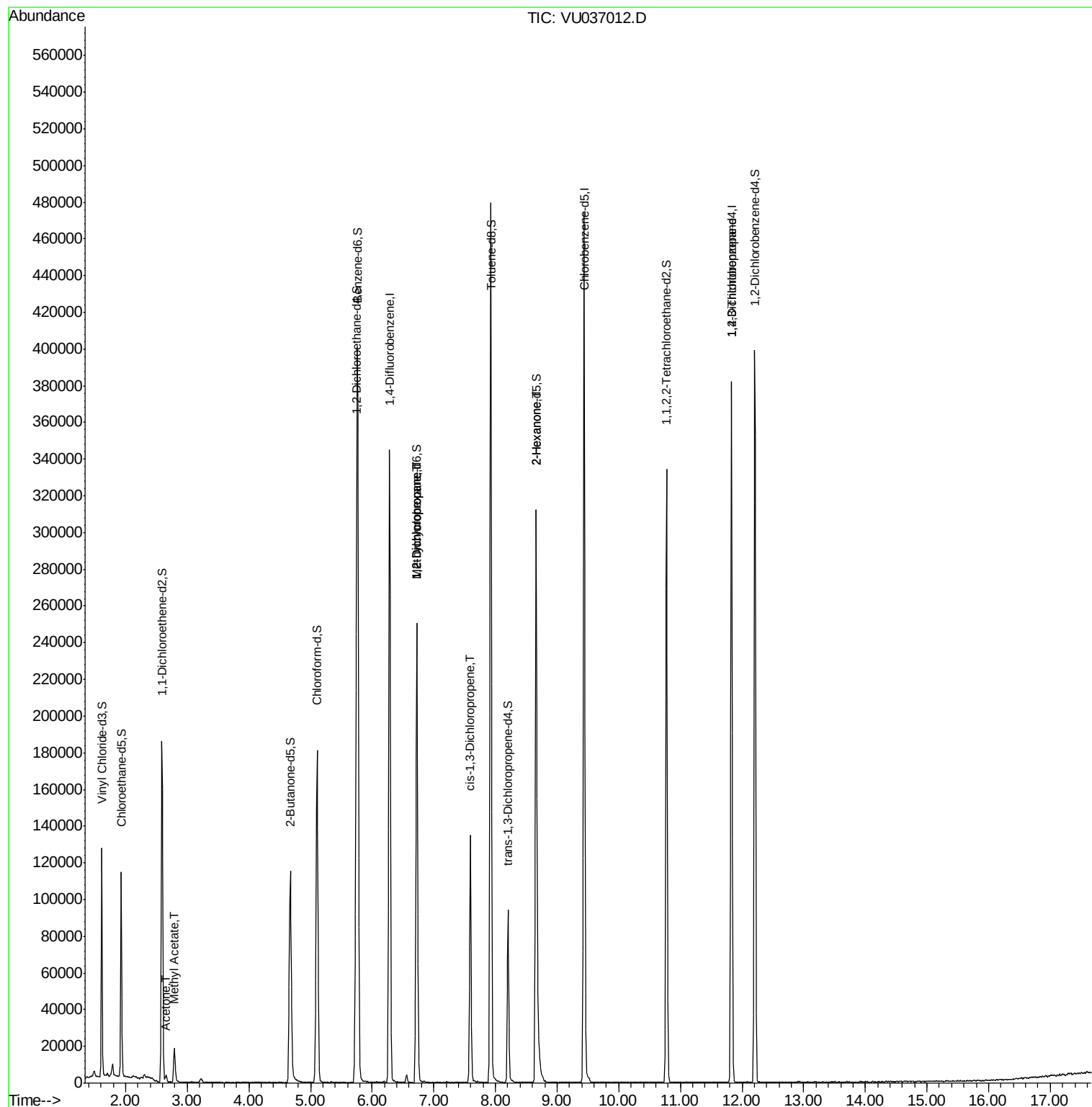
					Ovalue
13) Acetone	2.66	43	3864	2.518 ug/L	100
15) Methyl Acetate	2.79	43	5428	2.321 ug/L #	52
35) Methylcyclohexane	6.72	83	26360	7.793 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12690	5.938 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3162	0.960 ug/L #	52
48) 2-Hexanone	8.66	43	13670	5.439 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	14033	5.104 ug/L	93

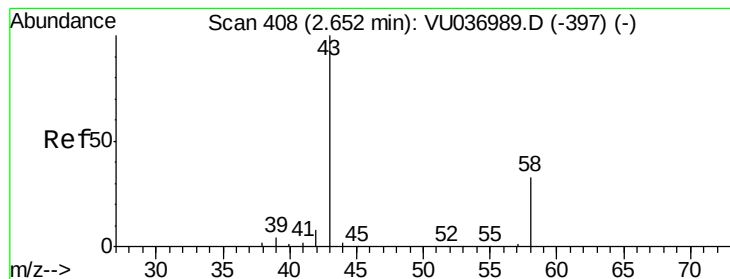
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 03 03:21:45 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.518 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037012.D

Acq: 02 Mar 2020 20:16

Instrument :

MSVOA_U

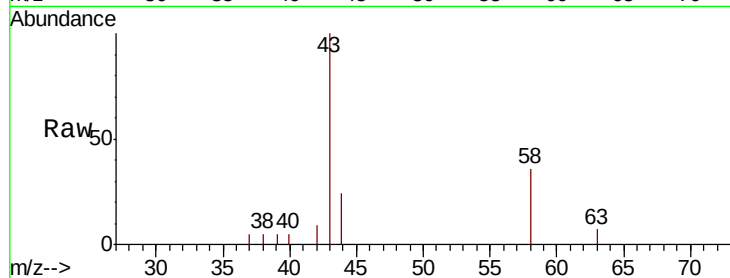
ClientSampled :

Tot Ion: 43 Resp: 3864

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037012.D (-410) (-)

Ion 58.00 (57.70 to 58.70): VU037012.D (-410) (-)

2.66

2000

1500

1000

500

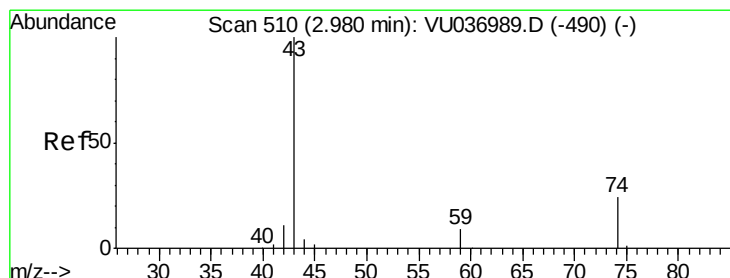
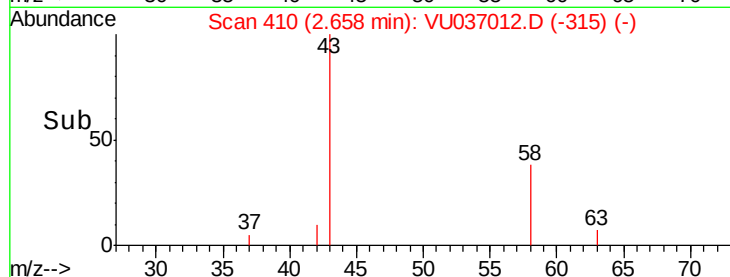
0

Time-->

2.60

2.65

2.70



#15

Methyl Acetate

Concen: 2.321 ug/L

RT: 2.79 min Scan# 450

Delta R.T. -0.19 min

Lab File: VU037012.D

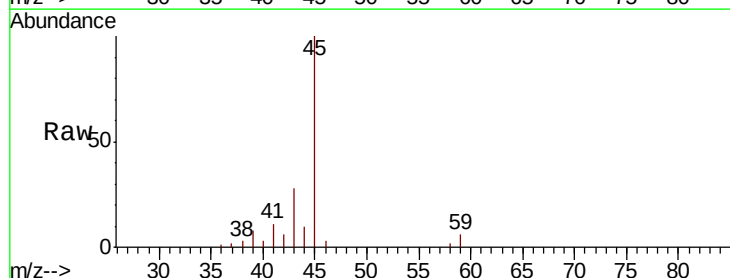
Acq: 02 Mar 2020 20:16

Tgt Ion: 43 Resp: 5428

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU037012.D (-417) (-)

Ion 74.00 (73.70 to 74.70): VU037012.D (-417) (-)

2.79

3000

2500

2000

1500

1000

500

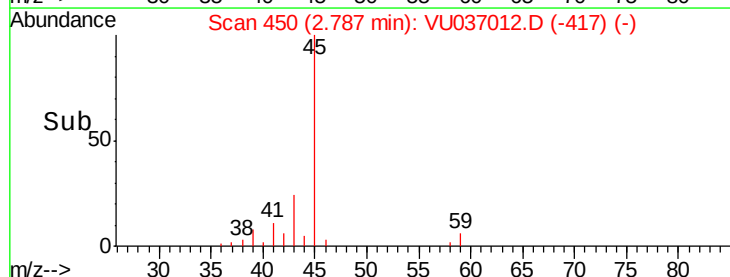
0

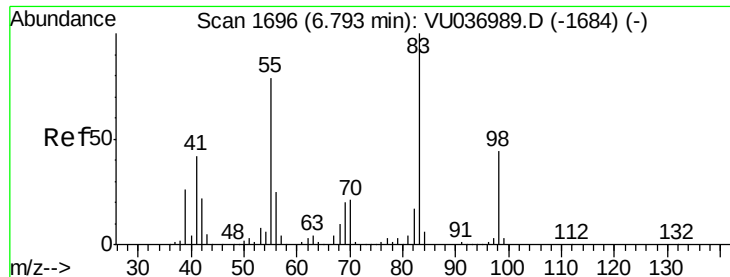
Time-->

2.75

2.80

2.85

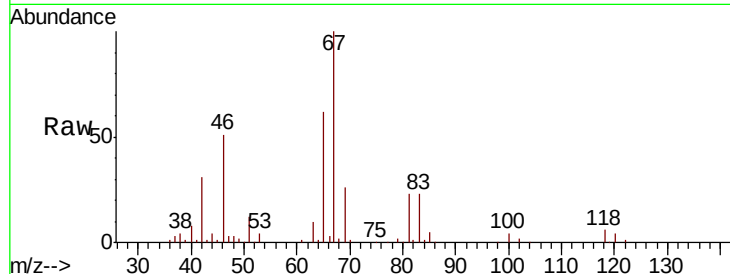




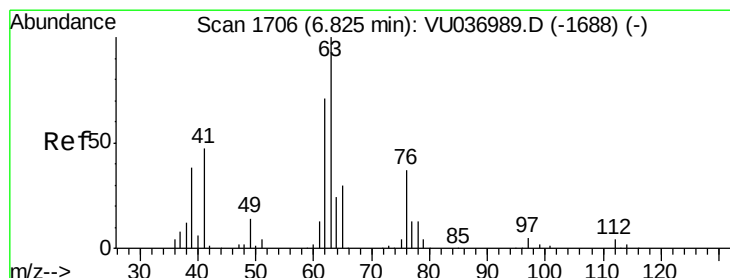
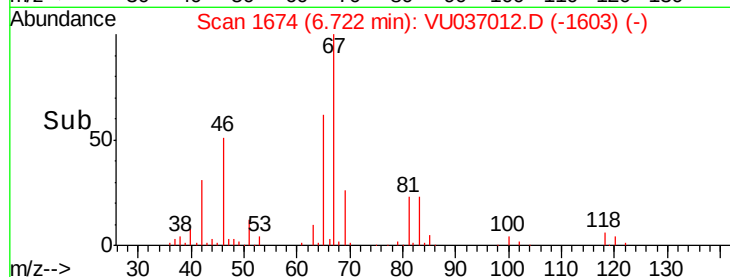
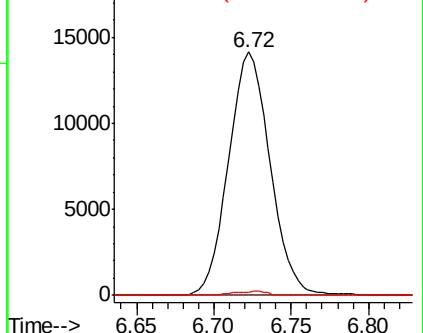
#35
Methylvlcyclohexane
Concen: 7.793 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037012.D
Acq: 02 Mar 2020 20:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26360
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.7 35.1 52.7#

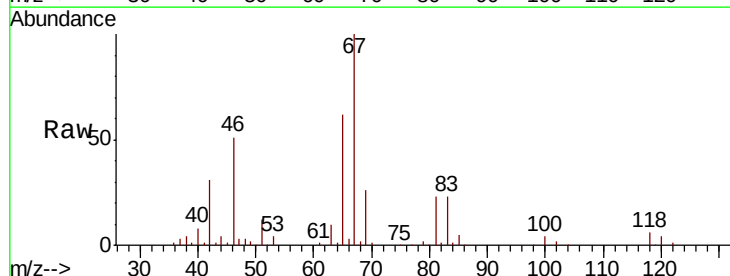


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

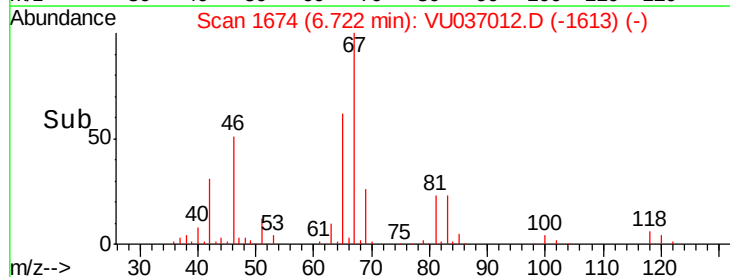
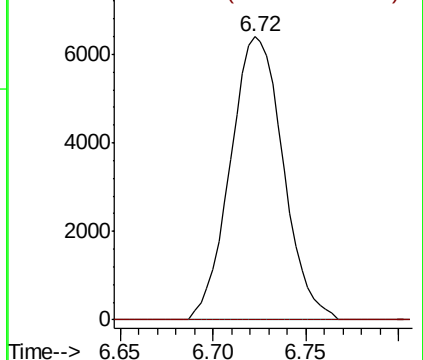


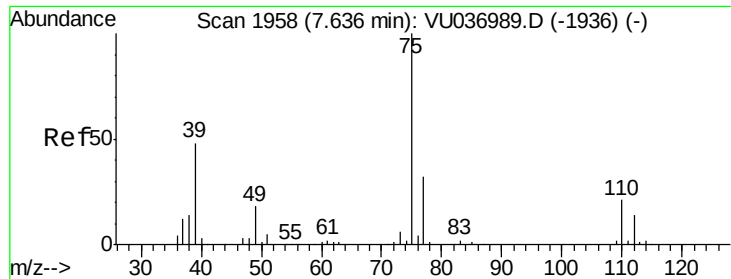
#37
1,2-Dichloropropane
Concen: 5.938 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037012.D
Acq: 02 Mar 2020 20:16

Tgt Ion: 63 Resp: 12690
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

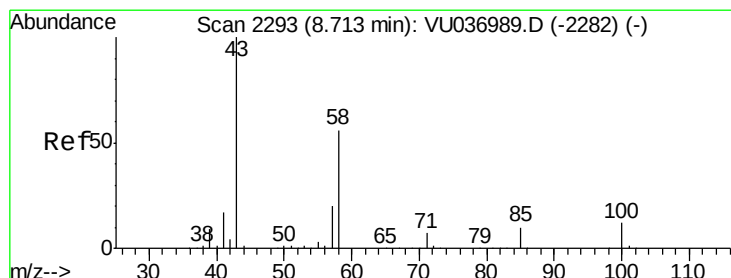
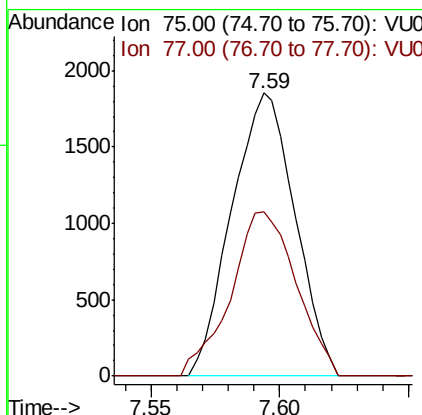
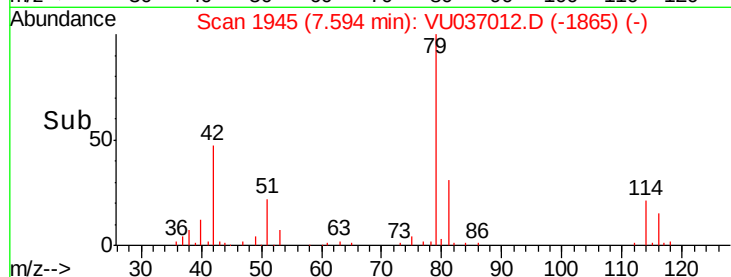
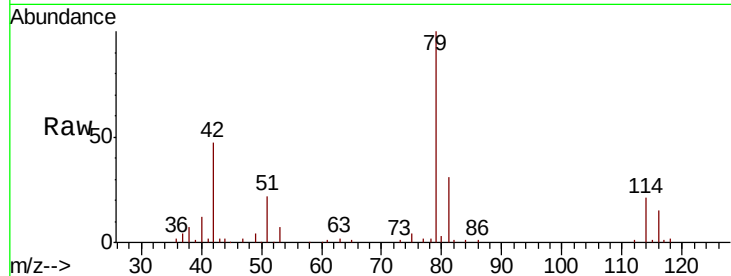




#39
 cis-1,3-Dichloropropene
 Concen: 0.960 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037012.D
 Acq: 02 Mar 2020 20:16

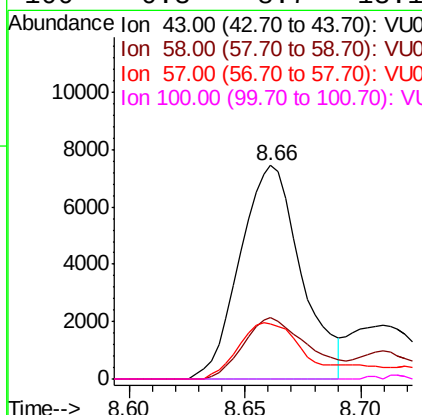
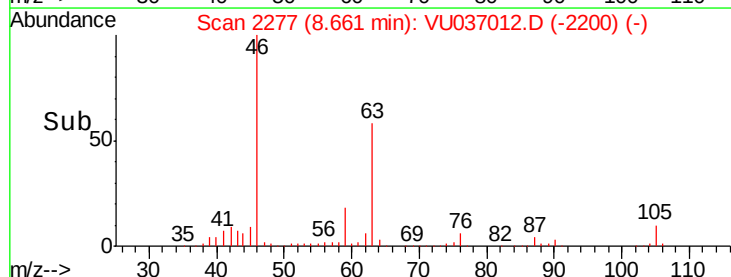
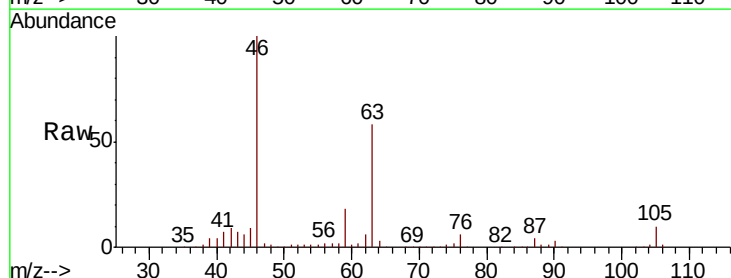
Instrument :
 MSVOA_U
 ClientSampleId :

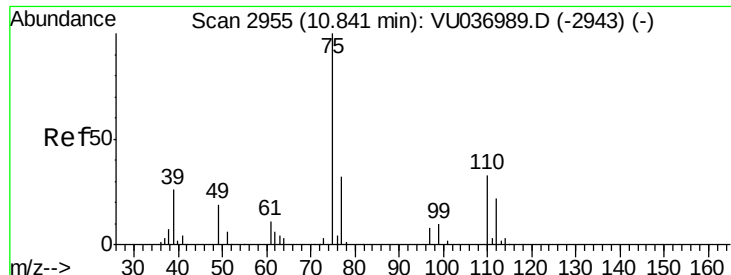
Tot Ion: 75 Resp: 3162
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.0 41.0#



#48
 2-Hexanone
 Concen: 5.439 ug/L
 RT: 8.66 min Scan# 2277
 Delta R.T. -0.05 min
 Lab File: VU037012.D
 Acq: 02 Mar 2020 20:16

Tgt Ion: 43 Resp: 13670
 Ion Ratio Lower Upper
 43 100
 58 31.1 43.5 65.3#
 57 26.6 15.1 22.7#
 100 0.3 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.104 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037012.D

Acq: 02 Mar 2020 20:16

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14033

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.2

