

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039225.D
 Acq On : 30 Jun 2020 07:05
 Operator : SY/MD
 Sample : L3116-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q51

Quant Time: Jun 30 07:27:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	211575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	218392	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	92956	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69449	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.93	69	55833	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.59	63	108020	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.68	46	207260	34.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.88%
24) Chloroform-d	5.10	84	131169	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.74	65	80722	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
32) Benzene-d6	5.76	84	253594	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	6.72	67	77707	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.60%
41) Toluene-d8	7.92	98	201877	3.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.60%#
43) trans-1,3-Dichloropropene-	8.20	79	32027	3.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.40%
46) 2-Hexanone-d5	8.66	63	136045	29.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	62628	3.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.40%#
64) 1,2-Dichlorobenzene-d4	12.20	152	77055	3.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.80%#

Target Compounds

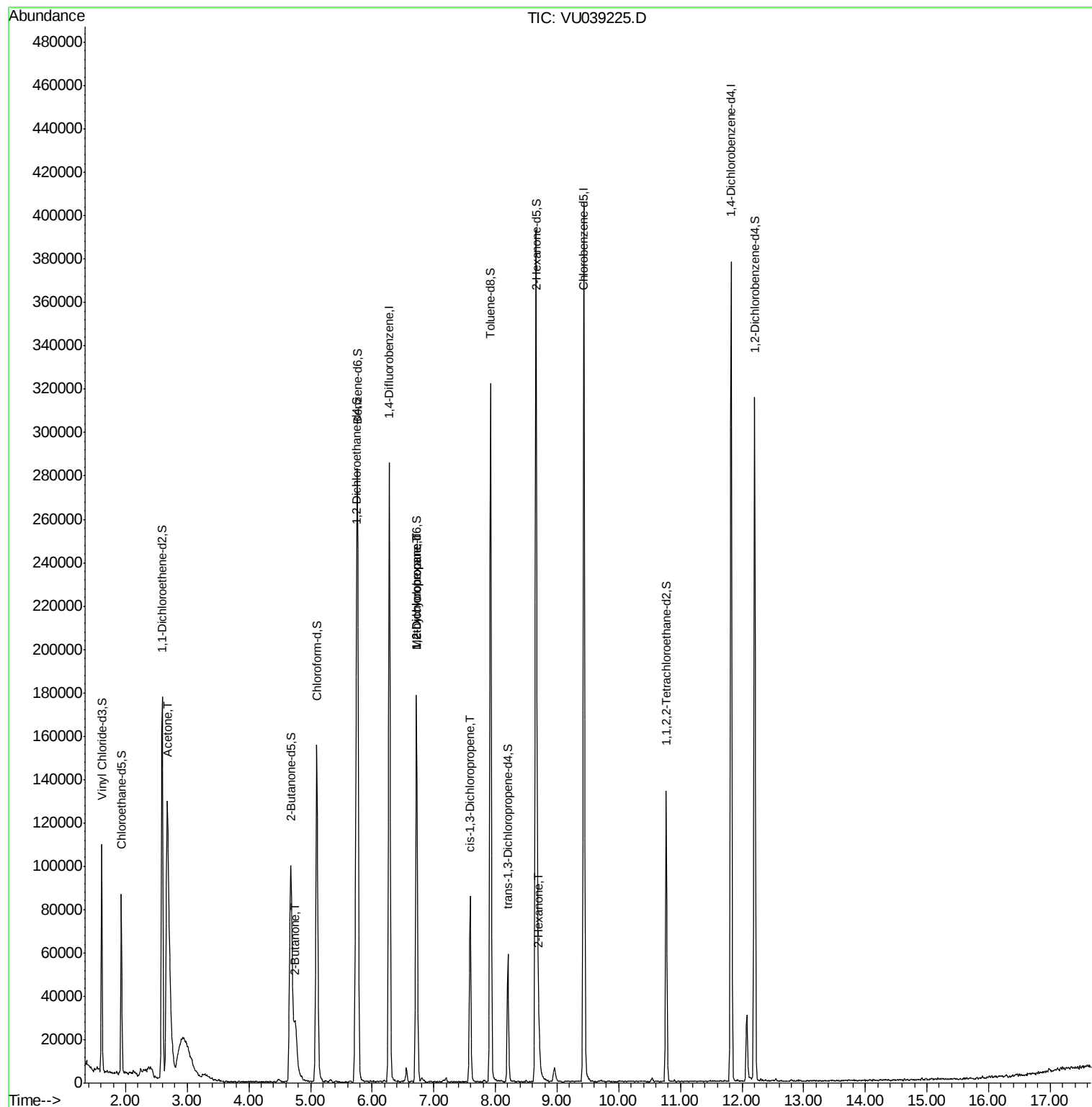
					Ovalue
13) Acetone	2.68	43	310111	85.284	ug/L 100
21) 2-Butanone	4.76	43	38388	6.648	ug/L 98
35) Methylcyclohexane	6.72	83	20627	0.769	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	9505	0.509	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2190	0.082	ug/L # 58
48) 2-Hexanone	8.71	43	11655	1.132	ug/L # 40

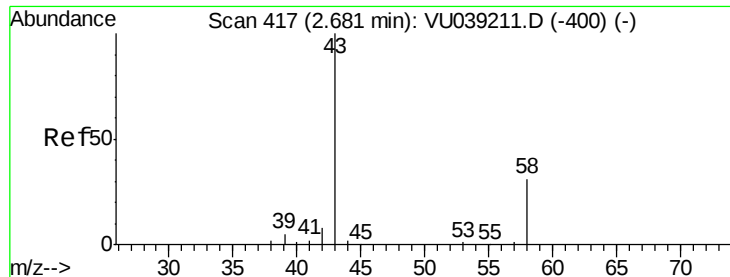
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 85.284 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU039225.D

Acq: 30 Jun 2020 07:05

Instrument :

MSVOA_U

ClientSampleId :

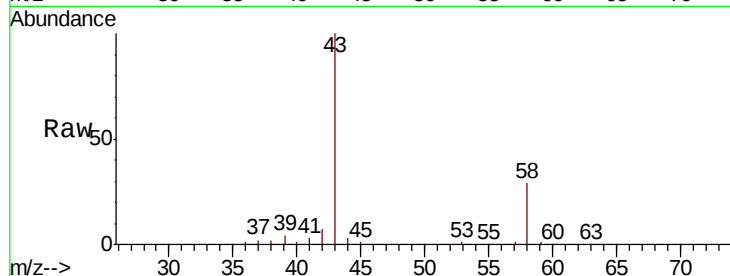
F9Q51

Tot Ion: 43 Resp: 310111

Ion Ratio Lower Upper

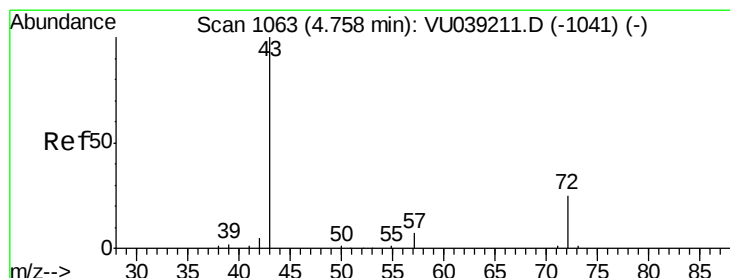
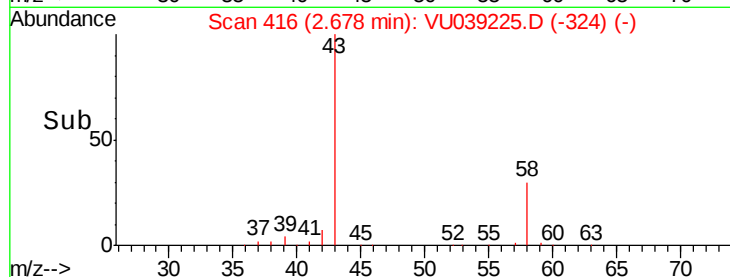
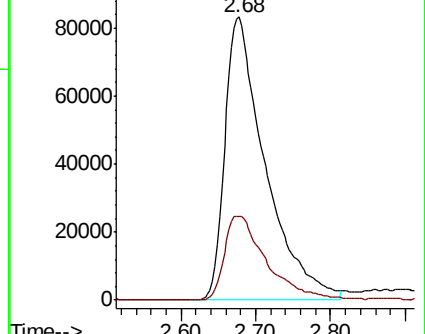
43 100

58 31.4 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039211.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU039211.D (-400) (-)



#21

2-Butanone

Concen: 6.648 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VU039225.D

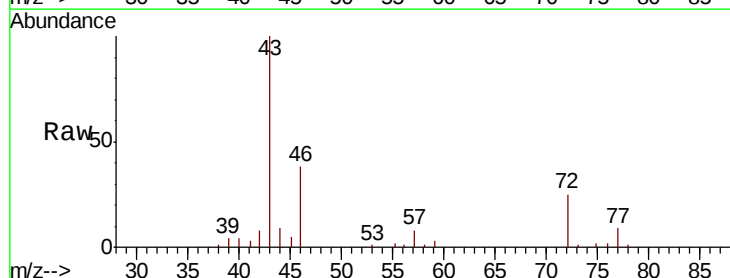
Acq: 30 Jun 2020 07:05

Tgt Ion: 43 Resp: 38388

Ion Ratio Lower Upper

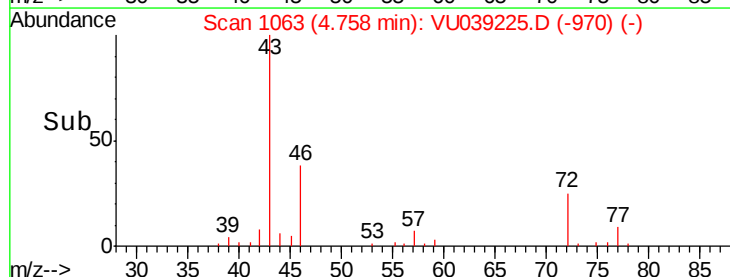
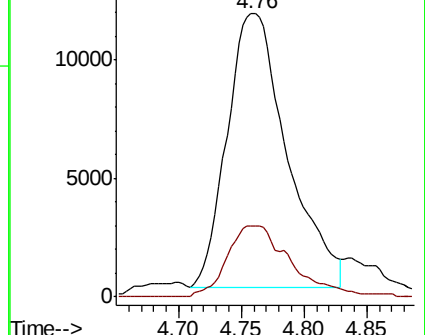
43 100

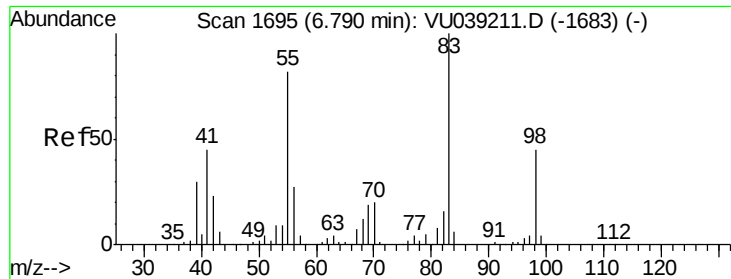
72 27.4 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VU039211.D (-1041) (-)

Ion 72.10 (71.80 to 72.80): VU039211.D (-1041) (-)

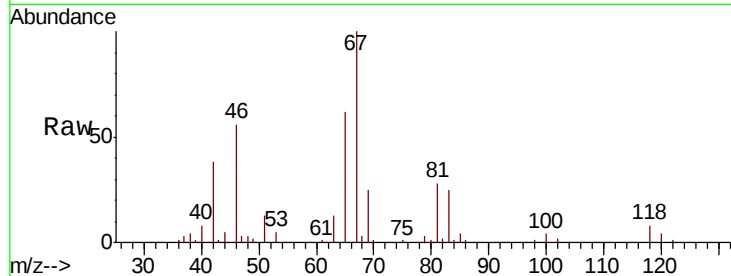




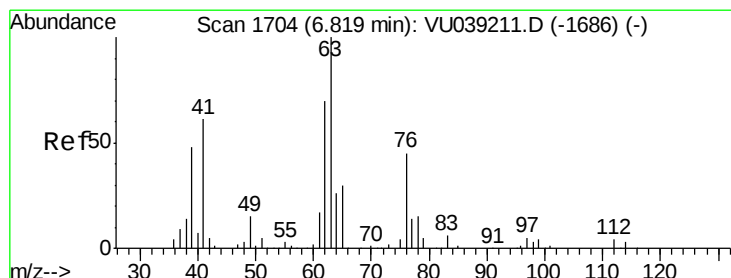
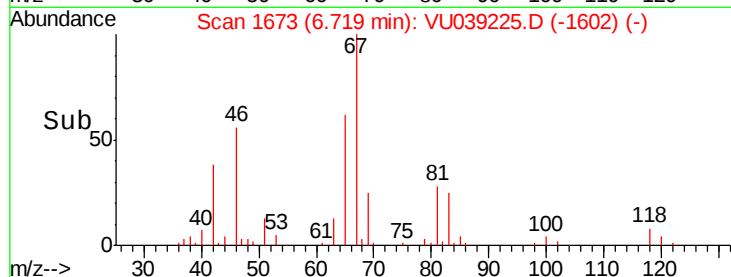
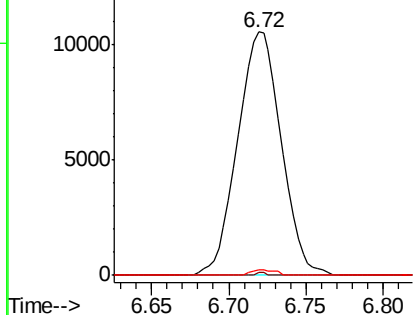
#35
Methvlcvclohexane
Concen: 0.769 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039225.D
Acq: 30 Jun 2020 07:05

Instrument :
MSVOA_U
ClientSampled :
F9Q51

Tot Ion: 83 Resp: 20627
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.3 38.2 57.4#

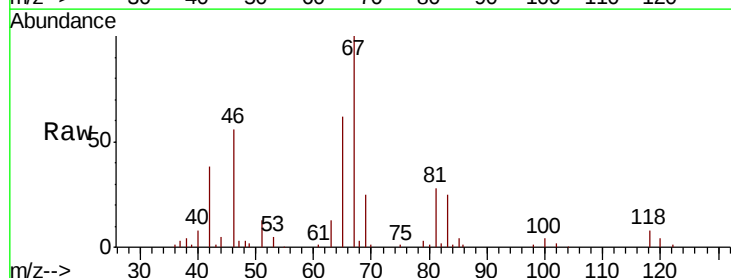


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

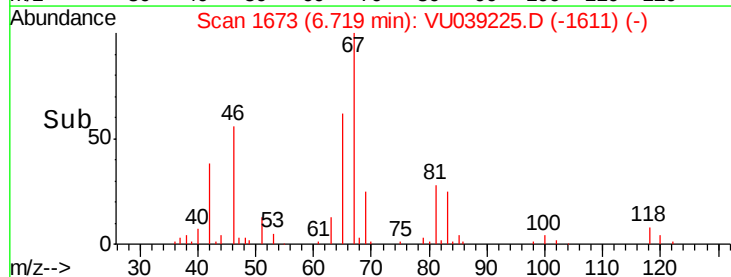
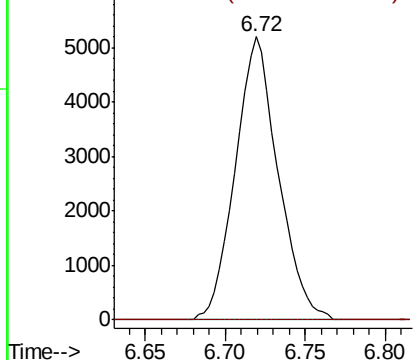


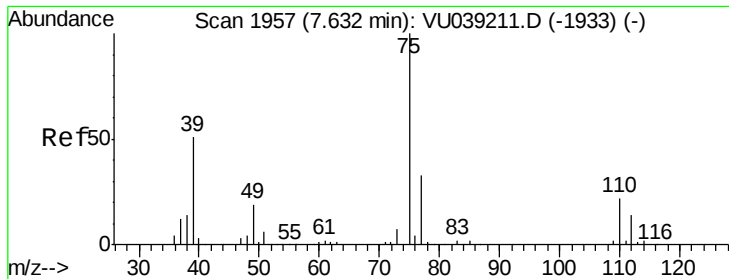
#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039225.D
Acq: 30 Jun 2020 07:05

Tgt Ion: 63 Resp: 9505
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

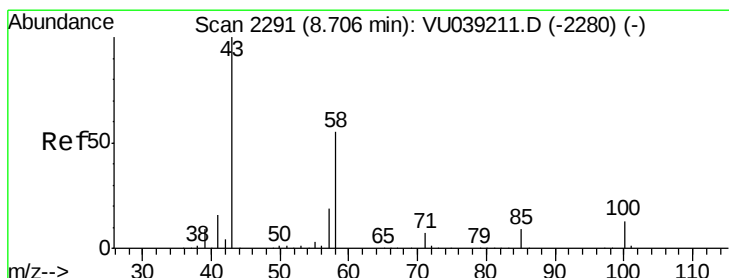
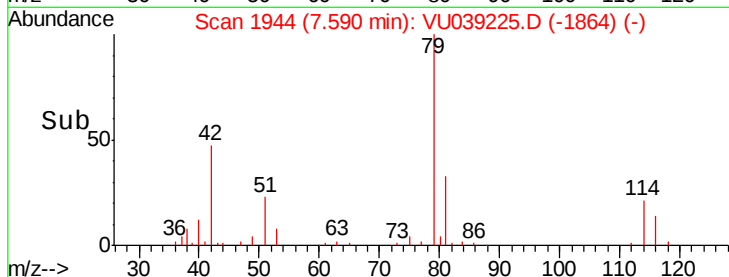
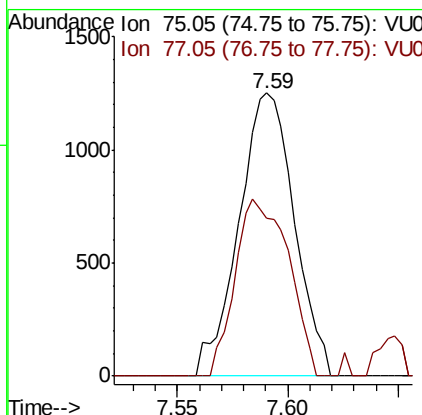
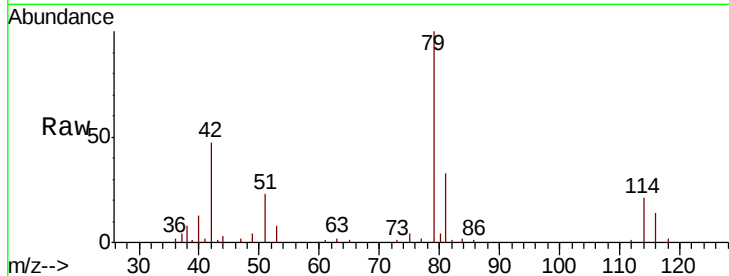




#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039225.D
 Acq: 30 Jun 2020 07:05

Instrument :
 MSVOA_U
 ClientSampleID :
 F9Q51

Tot Ion: 75 Resp: 2190
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.7 42.1#



#48
 2-Hexanone
 Concen: 1.132 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU039225.D
 Acq: 30 Jun 2020 07:05

Tgt Ion: 43 Resp: 11655
 Ion Ratio Lower Upper
 43 100
 58 0.0 43.6 65.4#
 57 0.0 15.6 23.4#
 100 4.4 9.4 14.2#

