

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U063020\
 Data File : VU039244.D
 Acq On : 30 Jun 2020 20:29
 Operator : SY/MD
 Sample : L3116-09RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 01:55:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 01:40:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	229822	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	219730	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	97076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63226	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	71836	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	102105	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.67	46	198834	30.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.90%
24) Chloroform-d	5.10	84	124894	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
26) 1,2-Dichloroethane-d4	5.74	65	85933	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.76	84	265027	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.72	67	74689	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	7.92	98	222569	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.20	79	35333	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.65	63	137979	31.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	62082	3.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	77106	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

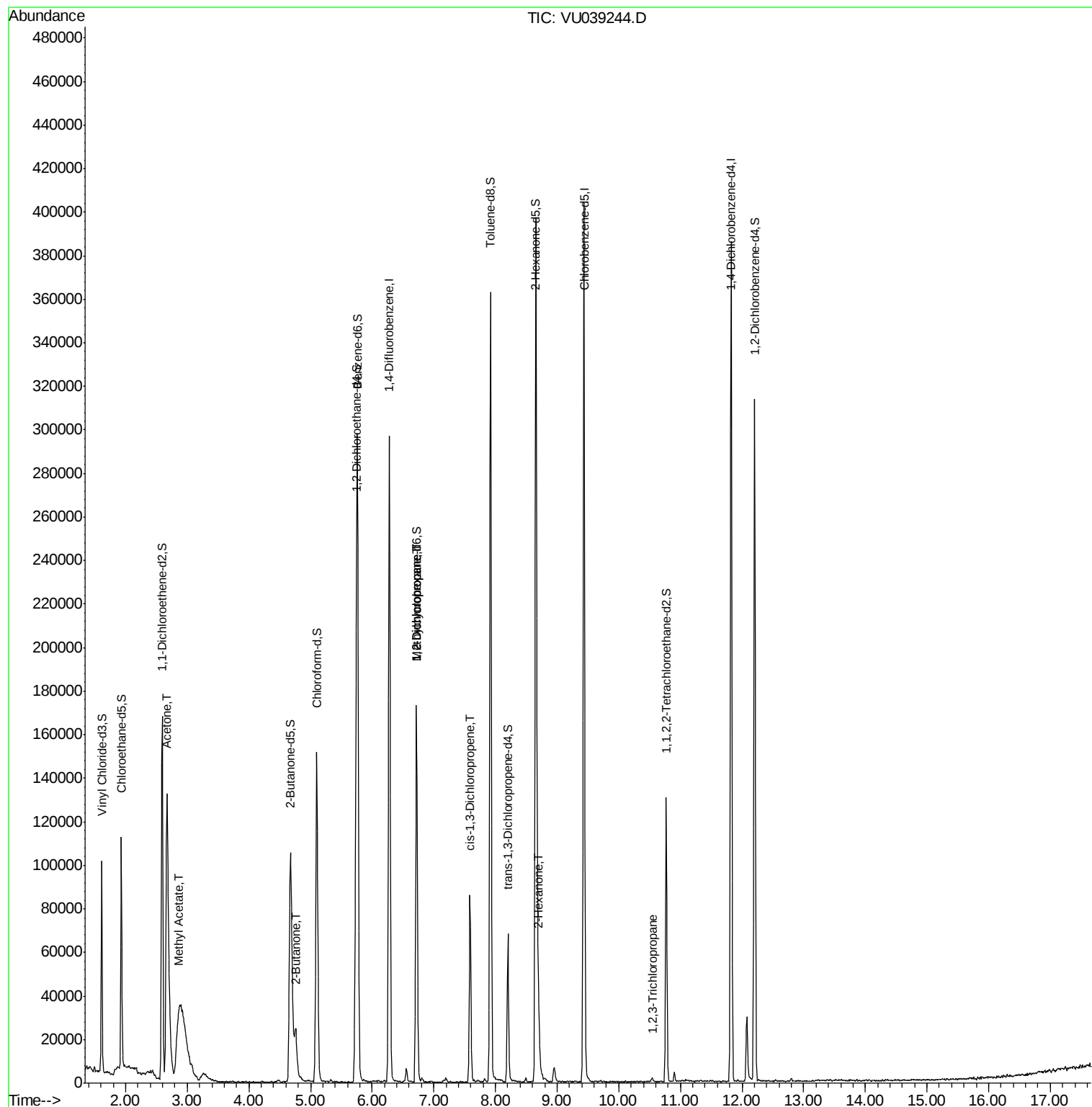
					Ovalue
13) Acetone	2.67	43	260584	66.527 ug/L	99
15) Methyl Acetate	2.85	43	7347	0.794 ug/L #	51
21) 2-Butanone	4.76	43	34212	5.558 ug/L	99
35) Methylcyclohexane	6.72	83	18579	0.734 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	8242	0.473 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2459	0.099 ug/L #	64
48) 2-Hexanone	8.70	43	12017	1.192 ug/L	94
59) 1,2,3-Trichloropropane	10.54	75	1202	0.089 ug/L #	44

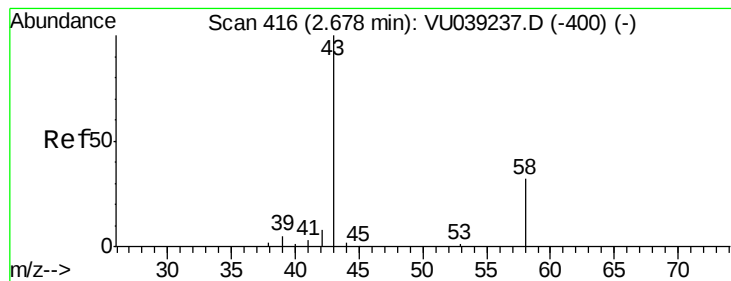
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 01:40:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 66.527 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039244.D

Acq: 30 Jun 2020 20:29

Instrument :

MSVOA_U

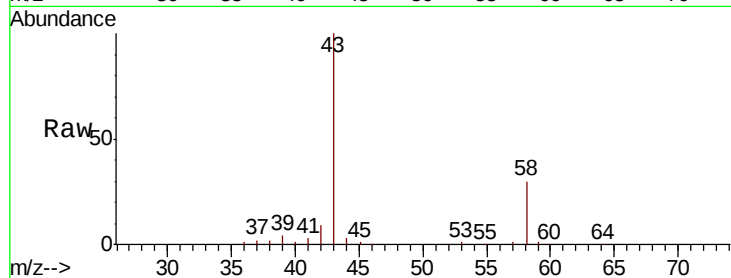
ClientSampled :

Tot Ion: 43 Resp: 260584

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.0

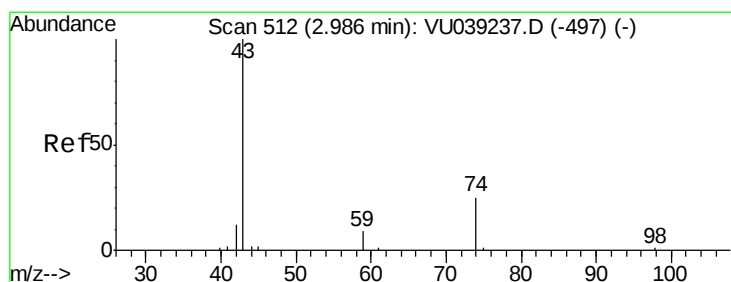
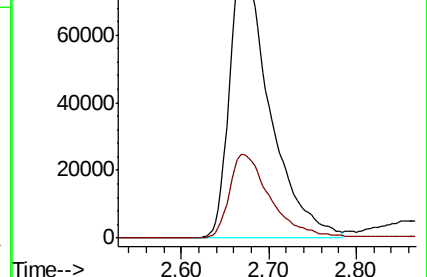
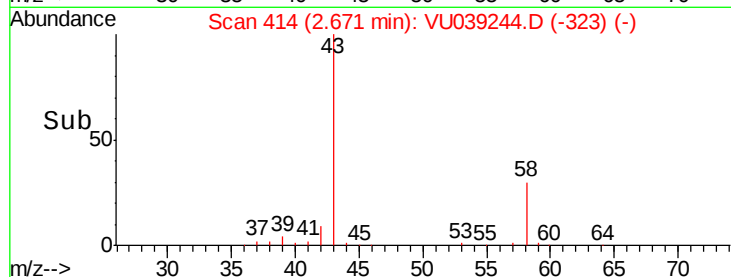


Abundance Ion 43.05 (42.75 to 43.75): VU039237.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU039237.D (-400) (-)

2.67

Time-->



#15

Methyl Acetate

Concen: 0.794 ug/L

RT: 2.85 min Scan# 471

Delta R.T. -0.13 min

Lab File: VU039244.D

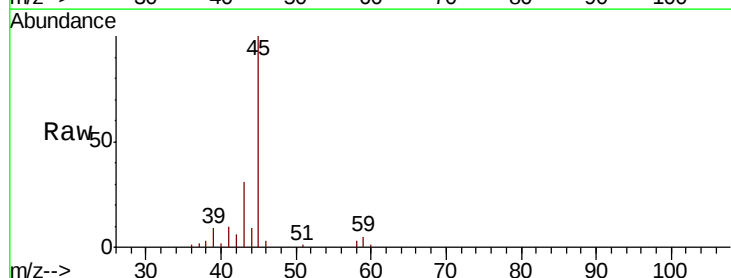
Acq: 30 Jun 2020 20:29

Tgt Ion: 43 Resp: 7347

Ion Ratio Lower Upper

43 100

74 0.0 19.6 29.4#

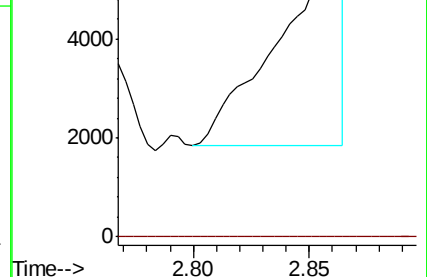
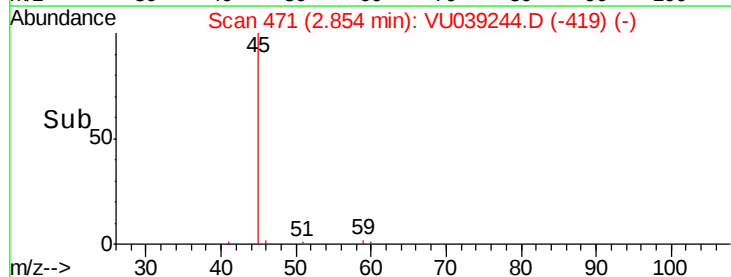


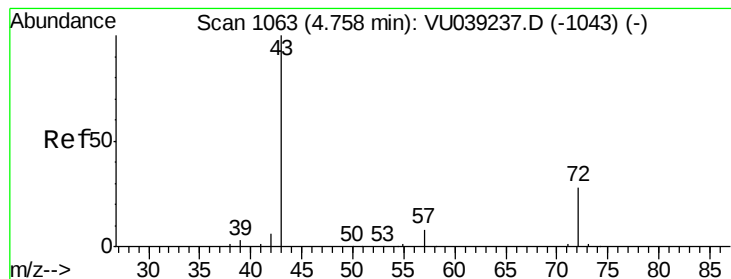
Abundance Ion 43.05 (42.75 to 43.75): VU039244.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VU039244.D (-419) (-)

2.85

Time-->





#21

2-Butanone

Concen: 5.558 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VU039244.D

Acq: 30 Jun 2020 20:29

Instrument :

MSVOA_U

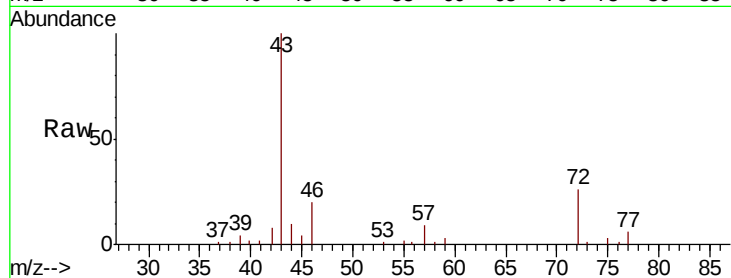
ClientSampled :

Tot Ion: 43 Resp: 34212

Ion Ratio Lower Upper

43 100

72 26.8 13.7 41.0



Abundance Ion 43.05 (42.75 to 43.75): VU039237.D (-1043) (-)

Ion 72.10 (71.80 to 72.80): VU039237.D (-1043) (-)

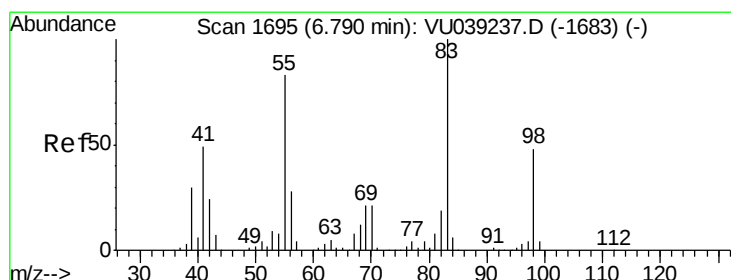
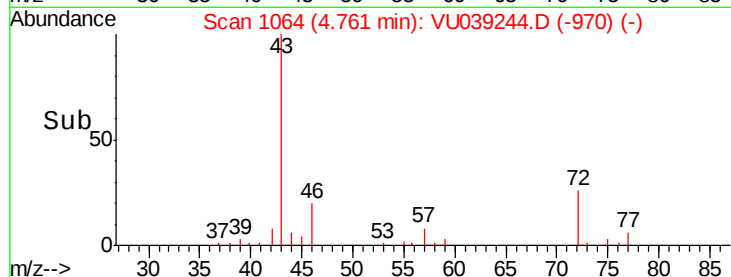
4.76

10000

5000

0

Time-->



#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039244.D

Acq: 30 Jun 2020 20:29

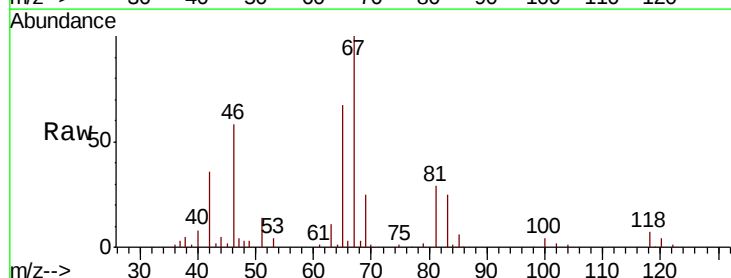
Tgt Ion: 83 Resp: 18579

Ion Ratio Lower Upper

83 100

55 0.0 64.4 96.6#

98 1.6 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VU039237.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039237.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039237.D (-1683) (-)

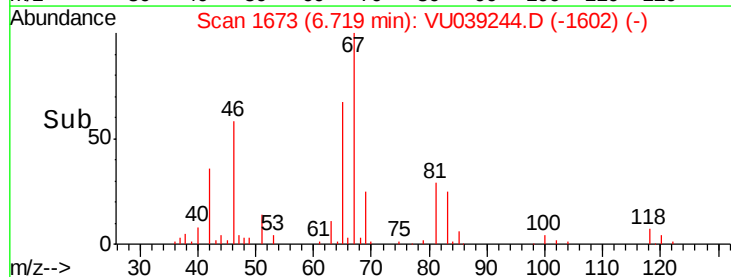
6.72

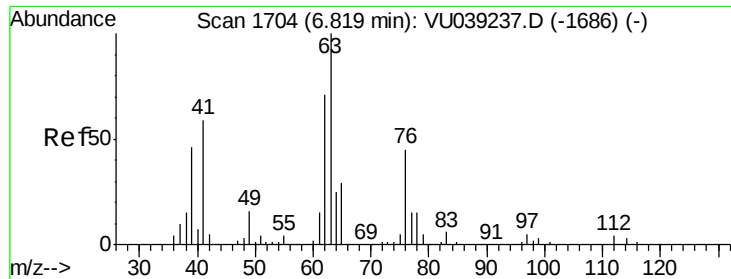
10000

5000

0

Time-->

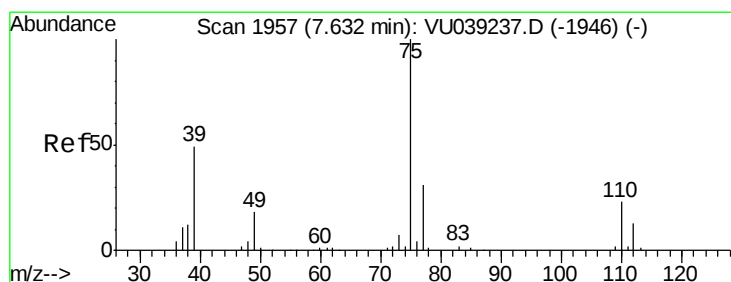
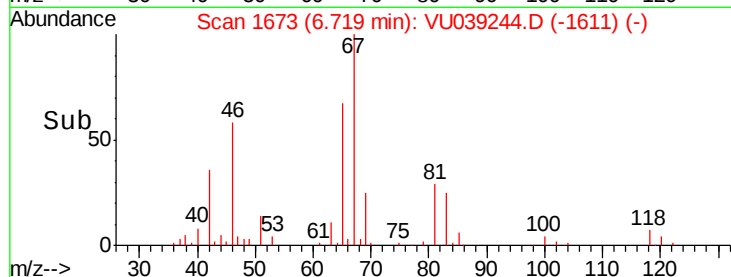
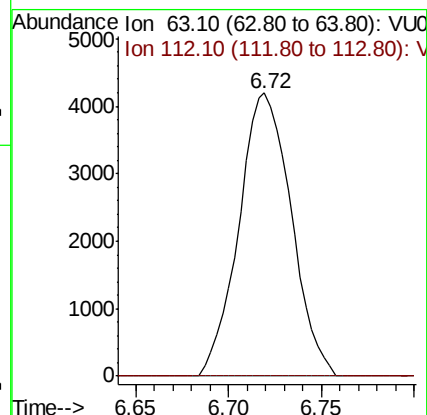
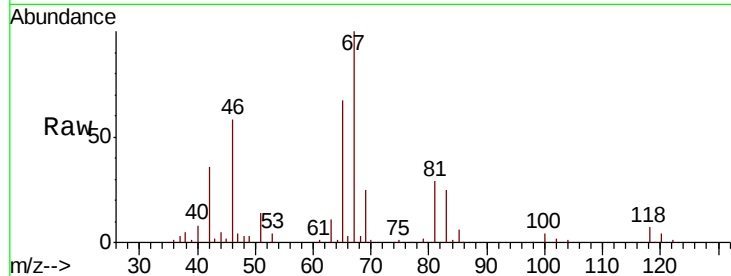




#37
 1,2-Dichloropropane
 Concen: 0.473 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039244.D
 Acq: 30 Jun 2020 20:29

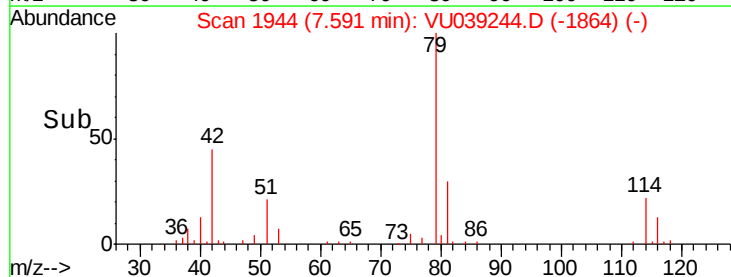
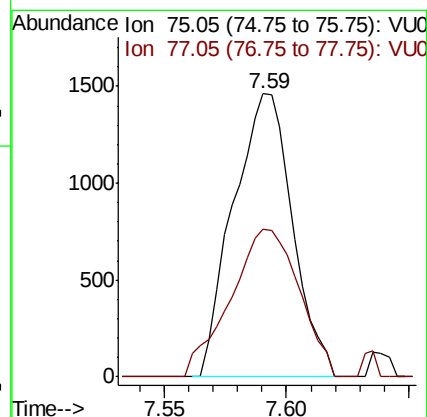
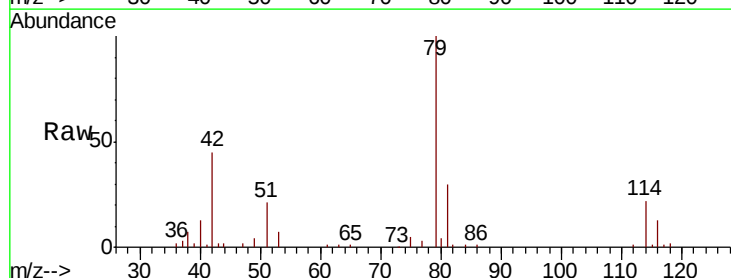
Instrument :
 MSVOA_U
 ClientSampled :

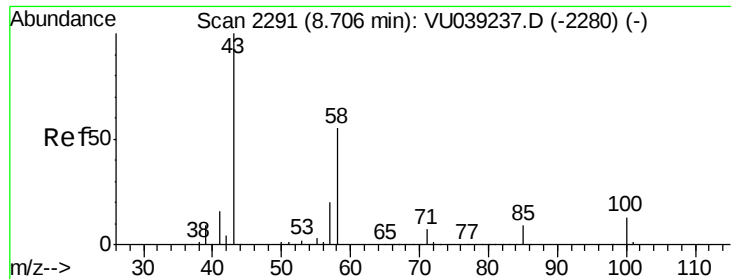
Tot Ion: 63 Resp: 8242
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039244.D
 Acq: 30 Jun 2020 20:29

Tgt Ion: 75 Resp: 2459
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.5 41.7#

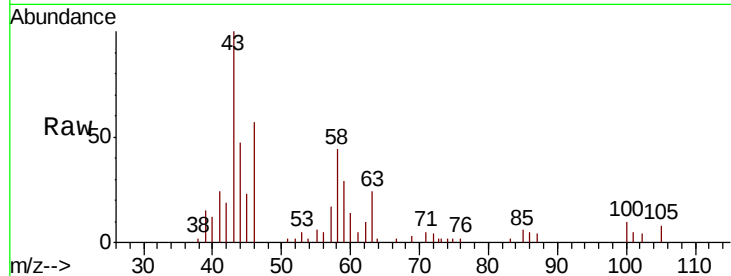




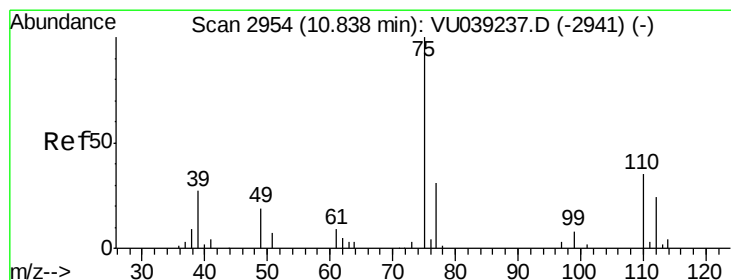
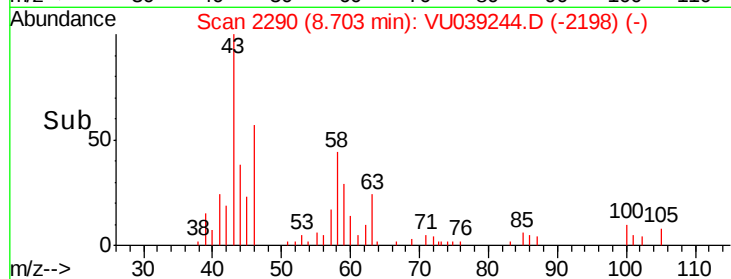
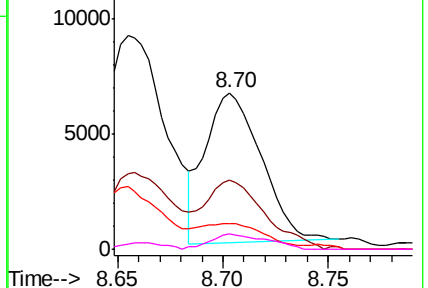
#48
2-Hexanone
Concen: 1.192 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039244.D
Acq: 30 Jun 2020 20:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	12017
Ion	Ratio	Lower	Upper
43	100		
58	49.5	43.6	65.4
57	20.2	15.5	23.3
100	10.1	10.0	15.0

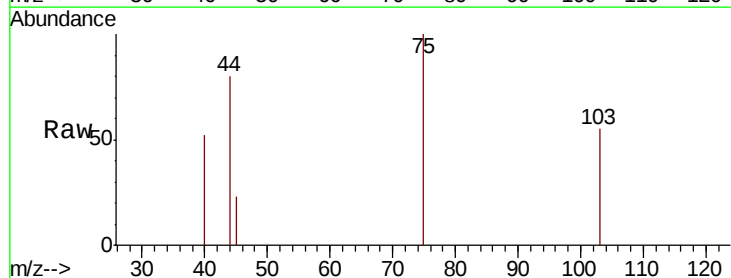


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.089 ug/L
RT: 10.54 min Scan# 2861
Delta R.T. -0.30 min
Lab File: VU039244.D
Acq: 30 Jun 2020 20:29

Tgt Ion:	75	Resp:	1202
Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#



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

