

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U063020\
 Data File : VU039245.D
 Acq On : 30 Jun 2020 20:52
 Operator : SY/MD
 Sample : L3116-10RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 01:55:19 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	212673	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	215809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	96151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63152	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.93	69	71638	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.59	63	102108	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.67	46	189482	31.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.74%
24) Chloroform-d	5.10	84	126964	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.74	65	77395	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.76	84	256357	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	73891	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.92	98	203081	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.20	79	31235	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.65	63	122852	28.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	60034	3.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	75618	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

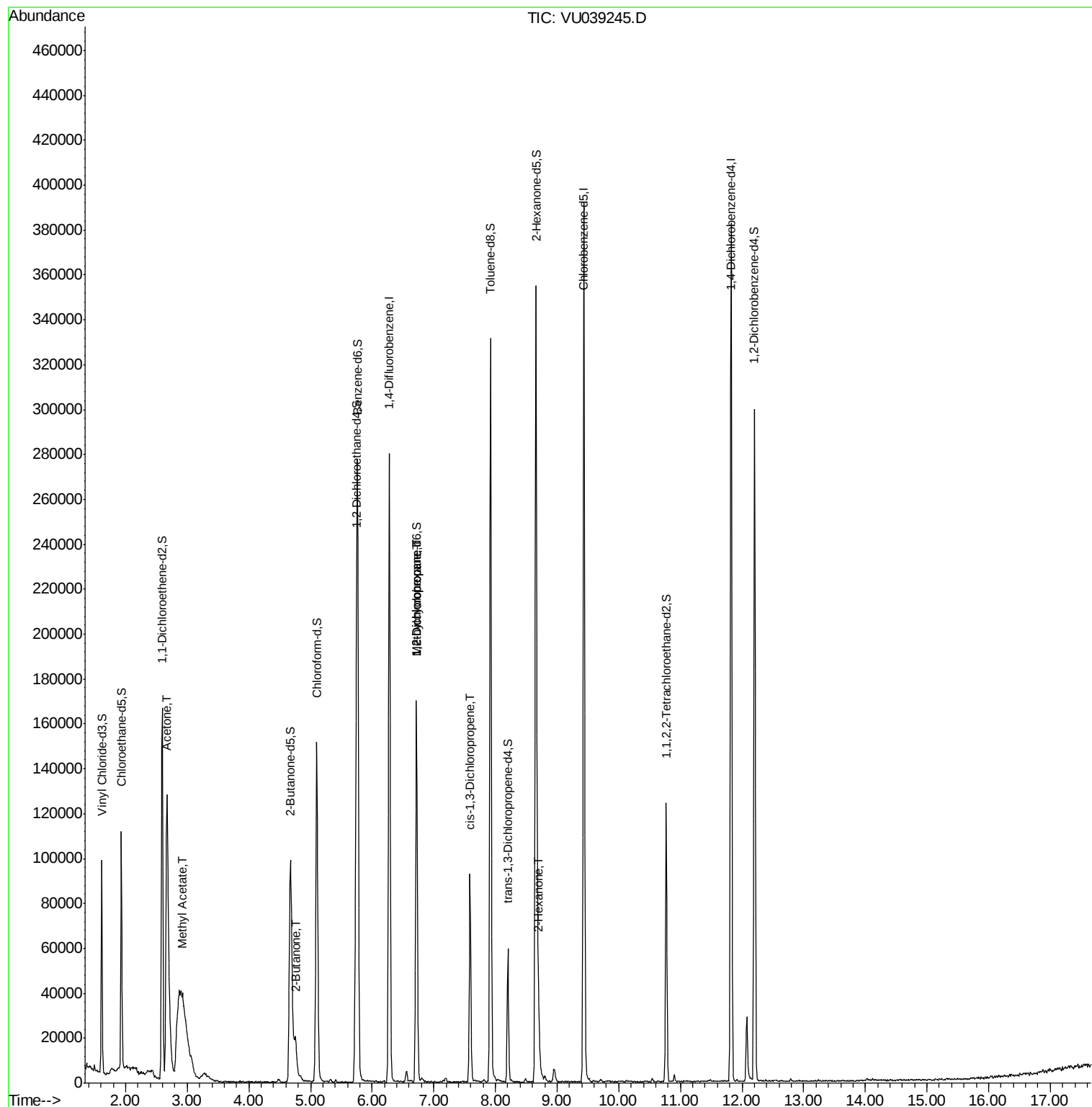
					Ovalue
13) Acetone	2.67	43	257349	70.999 ug/L	99
15) Methyl Acetate	2.93	43	3158	0.369 ug/L #	51
21) 2-Butanone	4.75	43	24245	4.256 ug/L	92
35) Methylcyclohexane	6.72	83	18512	0.744 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	9375	0.548 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2560	0.105 ug/L #	71
48) 2-Hexanone	8.70	43	13604	1.374 ug/L #	93

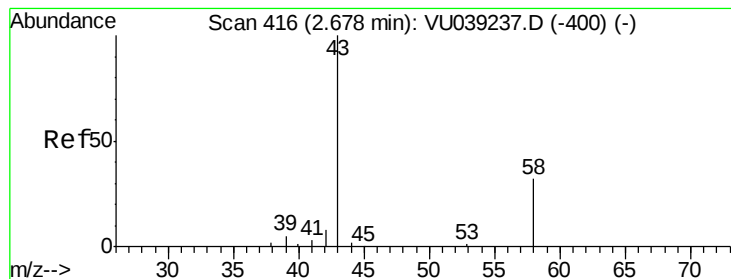
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 01 01:40:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 70.999 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039245.D

Acq: 30 Jun 2020 20:52

Instrument :

MSVOA_U

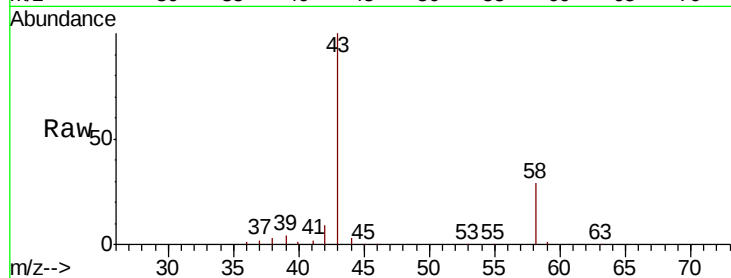
ClientSampled :

Tot Ion: 43 Resp: 257349

Ion Ratio Lower Upper

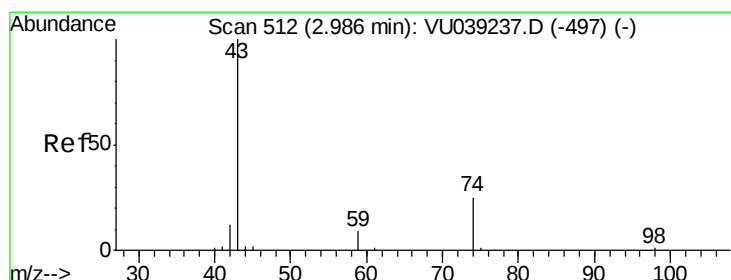
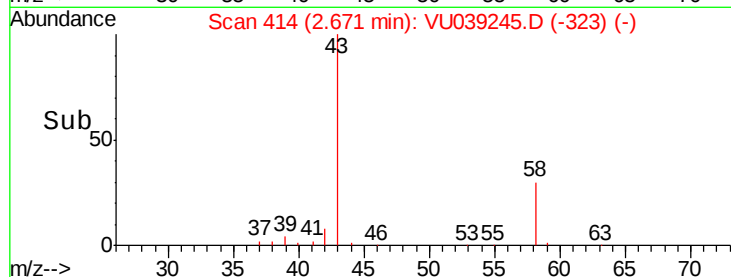
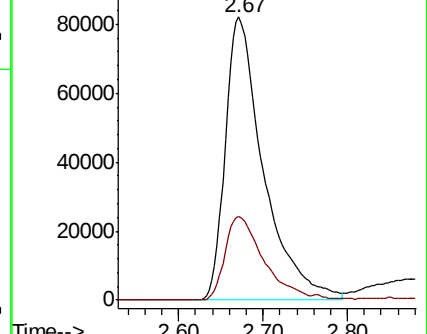
43 100

58 29.8 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.369 ug/L

RT: 2.93 min Scan# 493

Delta R.T. -0.06 min

Lab File: VU039245.D

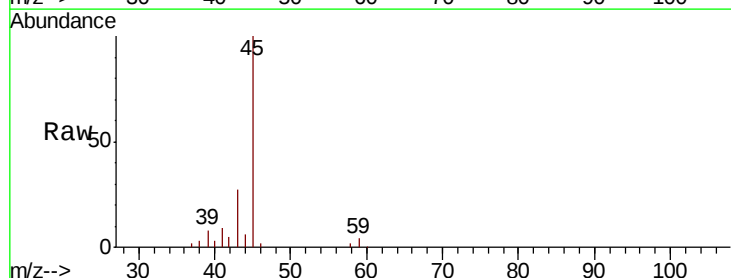
Acq: 30 Jun 2020 20:52

Tgt Ion: 43 Resp: 3158

Ion Ratio Lower Upper

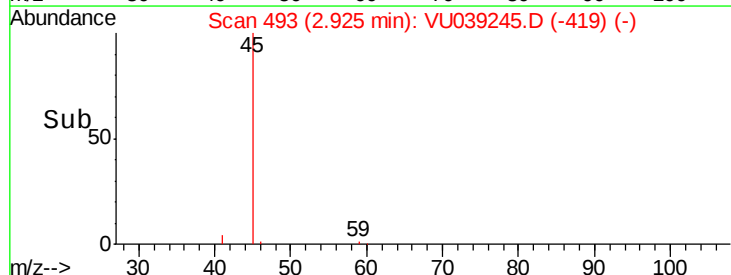
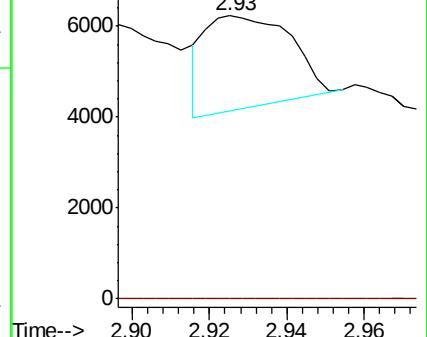
43 100

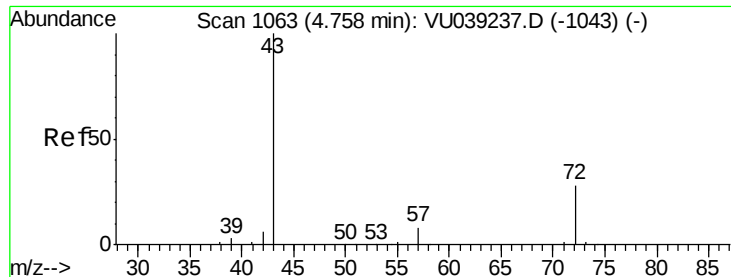
74 0.0 19.6 29.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#21

2-Butanone

Concen: 4.256 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU039245.D

Acq: 30 Jun 2020 20:52

Instrument :

MSVOA_U

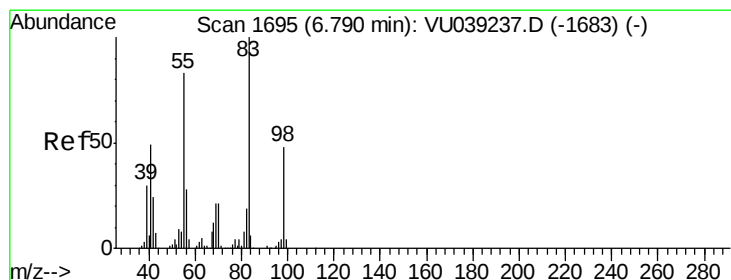
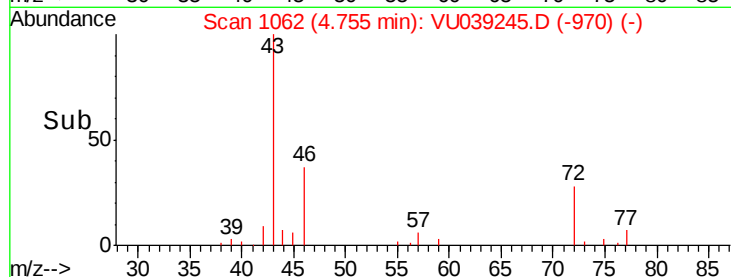
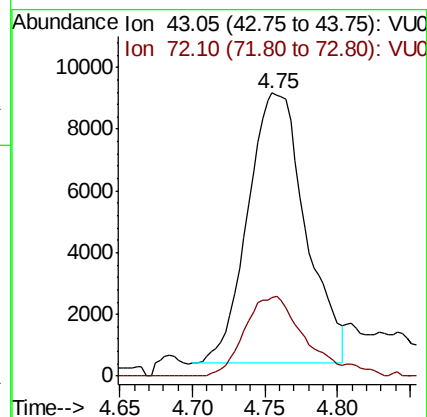
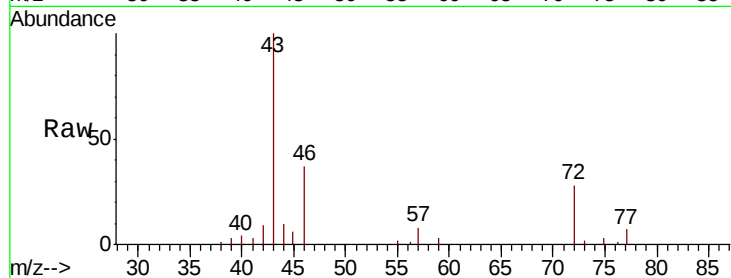
ClientSampled :

Tot Ion: 43 Resp: 24245

Ion Ratio Lower Upper

43 100

72 31.5 13.7 41.0



#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039245.D

Acq: 30 Jun 2020 20:52

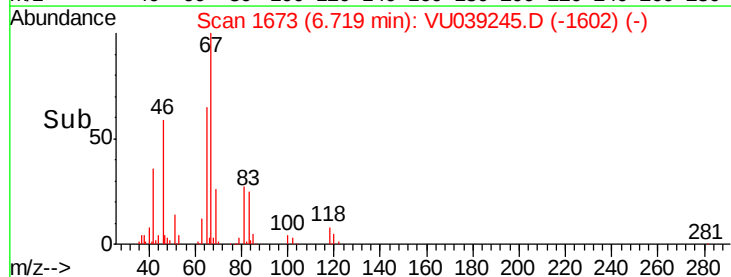
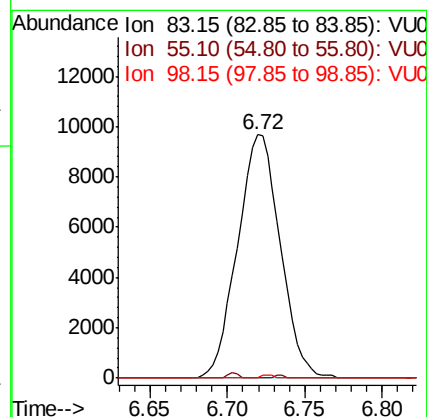
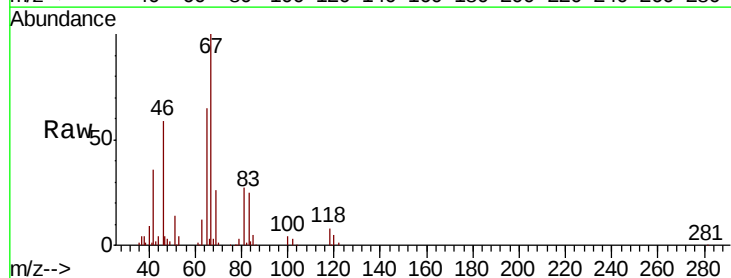
Tgt Ion: 83 Resp: 18512

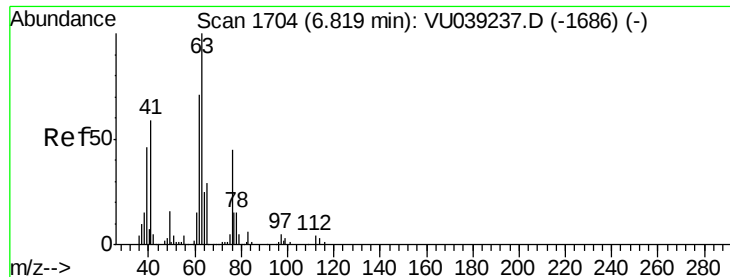
Ion Ratio Lower Upper

83 100

55 0.3 64.4 96.6#

98 0.4 37.9 56.9#

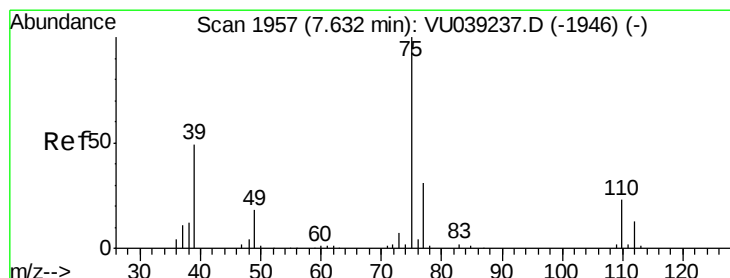
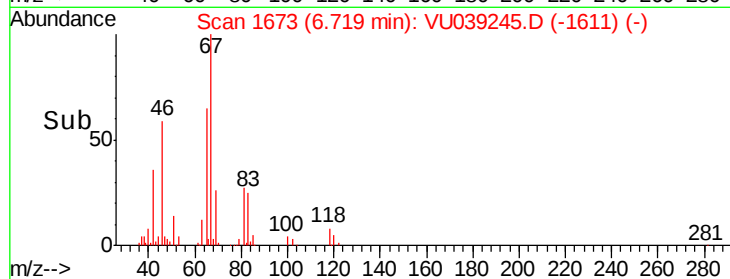
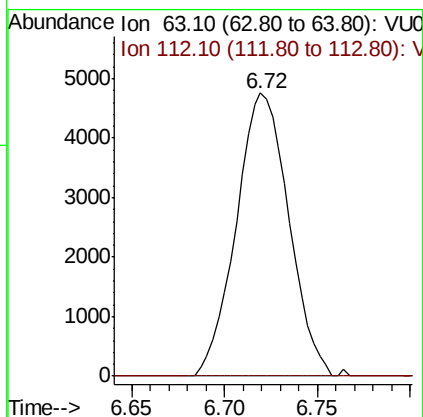
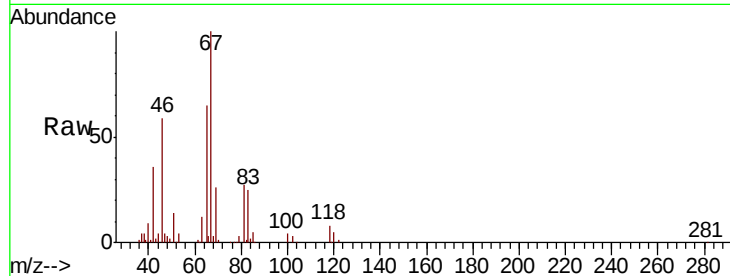




#37
 1,2-Dichloropropane
 Concen: 0.548 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039245.D
 Acq: 30 Jun 2020 20:52

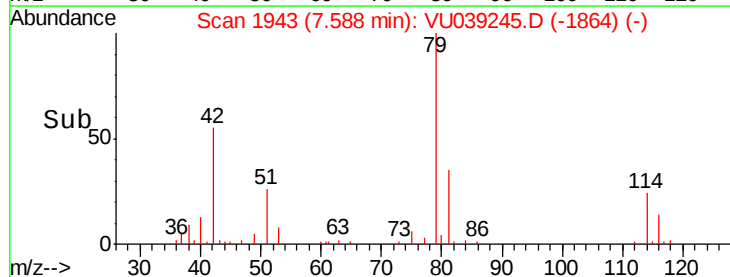
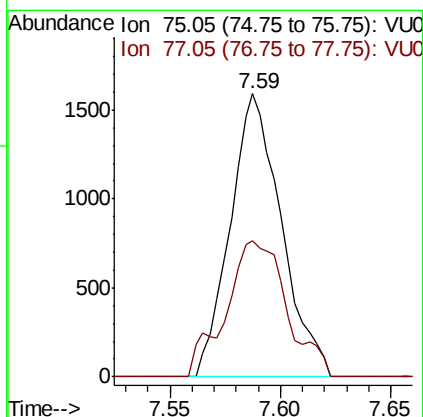
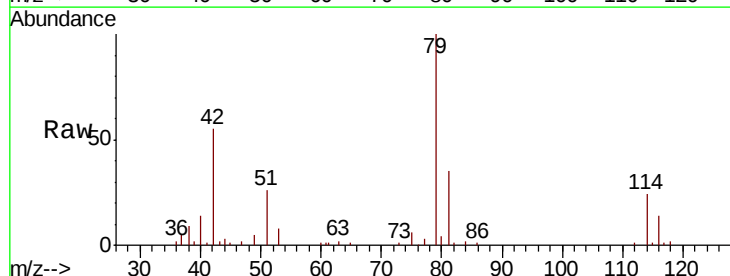
Instrument :
 MSVOA_U
 ClientSampled :

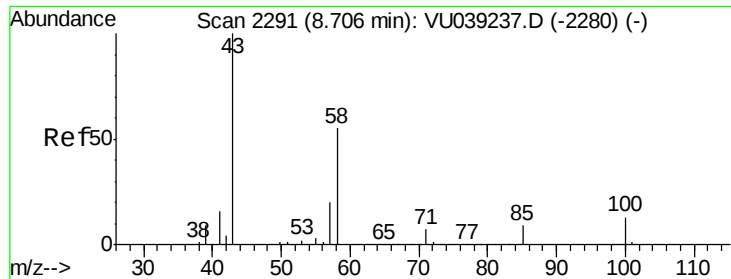
Tot Ion: 63 Resp: 9375
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039245.D
 Acq: 30 Jun 2020 20:52

Tgt Ion: 75 Resp: 2560
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.5 41.7#





#48

2-Hexanone

Concen: 1.374 ug/L

RT: 8.70 min Scan# 2290

Delta R.T. -0.00 min

Lab File: VU039245.D

Acq: 30 Jun 2020 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 13604

Ion Ratio Lower Upper

43 100

58 48.8 43.6 65.4

57 20.7 15.5 23.3

100 8.6 10.0 15.0#

