

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039246.D
 Acq On : 30 Jun 2020 21:15
 Operator : SY/MD
 Sample : L3116-11RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 01:55:26 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	204166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	214473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	88111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66571	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	70371	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.59	63	102419	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.67	46	188084	32.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.90%
24) Chloroform-d	5.10	84	125434	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.74	65	76011	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
32) Benzene-d6	5.76	84	242533	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.72	67	74647	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.92	98	195697	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	32129	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.65	63	127098	29.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	57507	3.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.80%#
64) 1,2-Dichlorobenzene-d4	12.20	152	73280	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

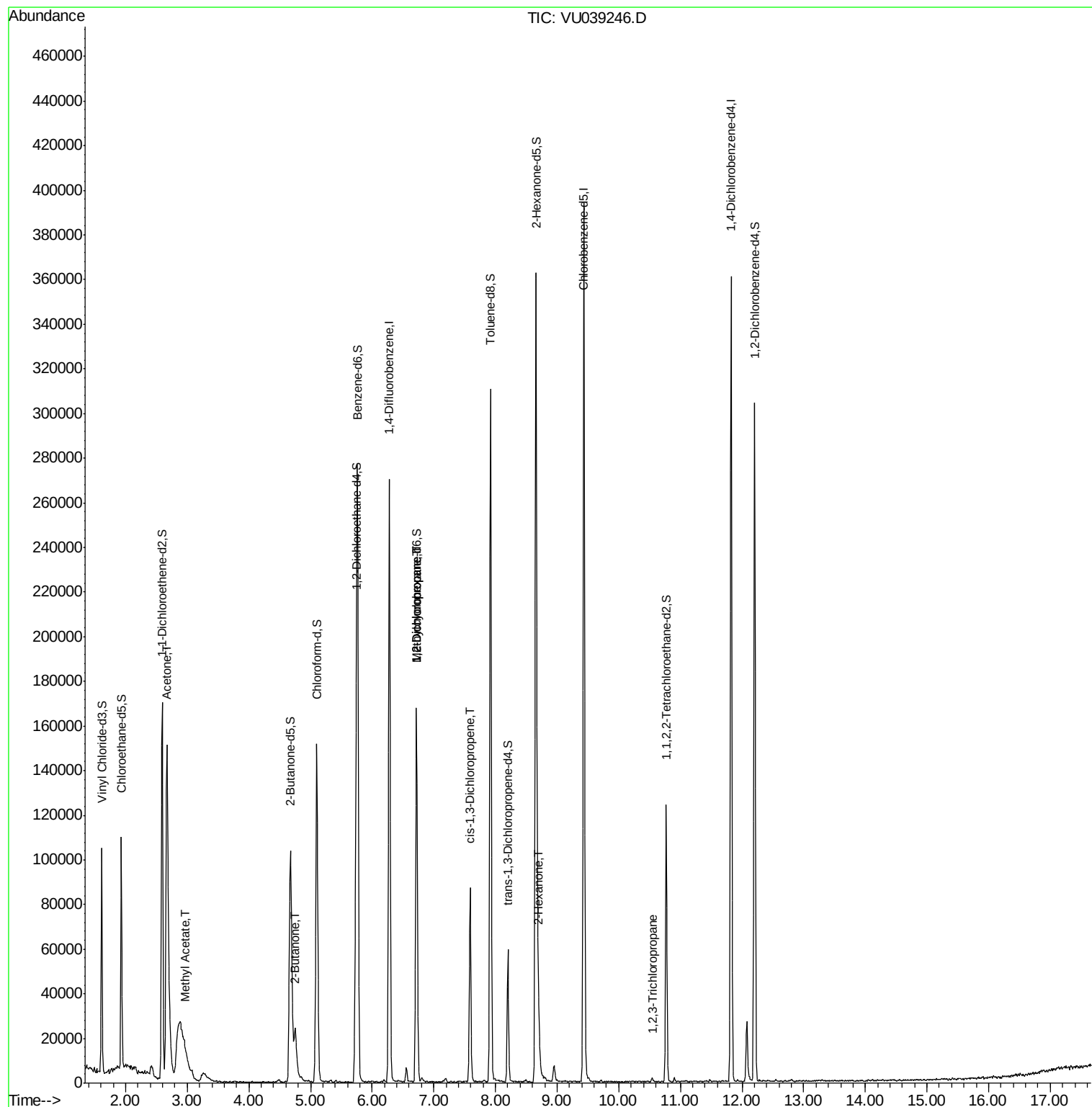
					Ovalue
13) Acetone	2.67	43	282434	81.166	ug/L 99
15) Methyl Acetate	2.97	43	4884	0.594	ug/L # 52
21) 2-Butanone	4.75	43	34638	6.334	ug/L 99
35) Methylcyclohexane	6.72	83	18361	0.743	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	8907	0.524	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2021	0.084	ug/L # 35
48) 2-Hexanone	8.70	43	12989	1.320	ug/L # 72
59) 1,2,3-Trichloropropane	10.54	75	1244	0.095	ug/L # 44

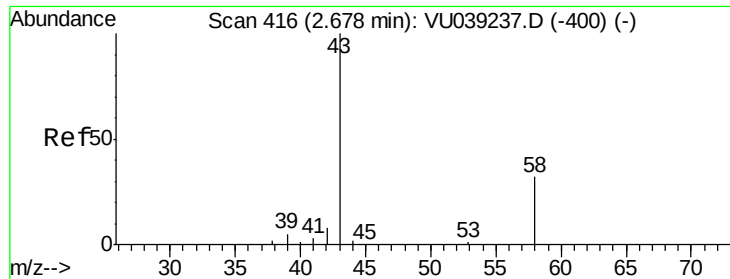
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 81.166 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU039246.D

Acq: 30 Jun 2020 21:15

Instrument :

MSVOA_U

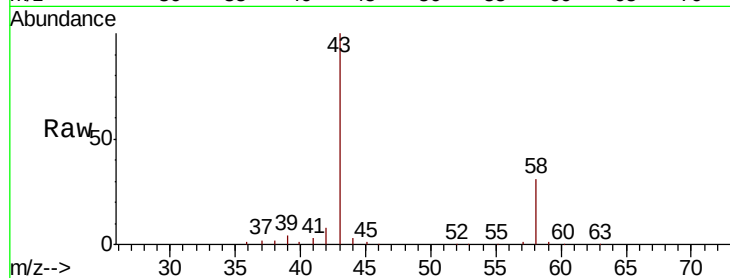
ClientSampled :

Tot Ion: 43 Resp: 282434

Ion Ratio Lower Upper

43 100

58 30.2 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

100000

80000

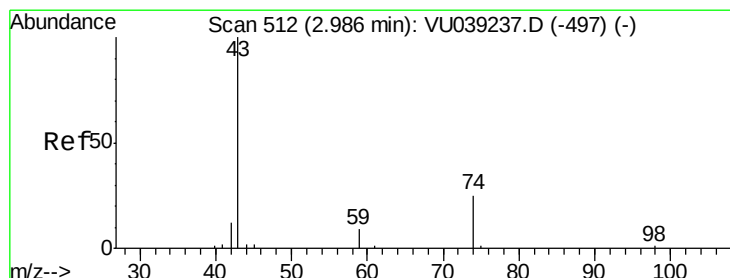
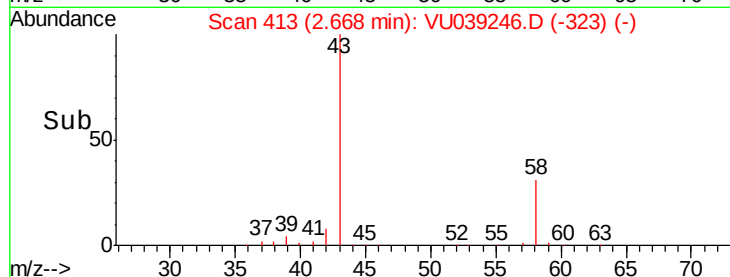
60000

40000

20000

0

Time-->



#15

Methyl Acetate

Concen: 0.594 ug/L

RT: 2.97 min Scan# 507

Delta R.T. -0.02 min

Lab File: VU039246.D

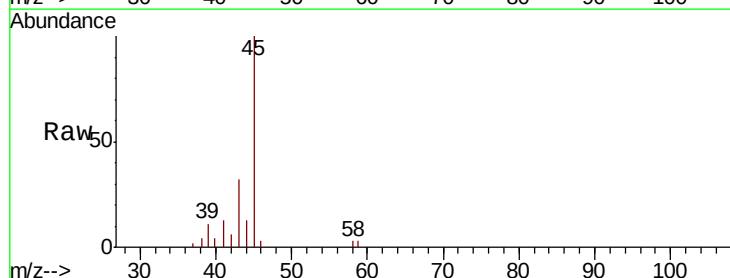
Acq: 30 Jun 2020 21:15

Tgt Ion: 43 Resp: 4884

Ion Ratio Lower Upper

43 100

74 0.4 19.6 29.4#



Abundance Ion 43.05 (42.75 to 43.75): VU039237.D (-497) (-)

Ion 74.05 (73.75 to 74.75): VU039237.D (-497) (-)

2.97

4000

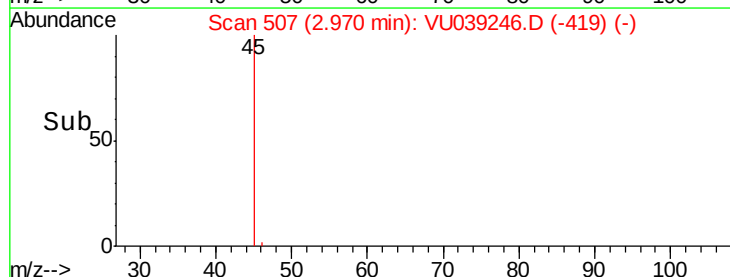
3000

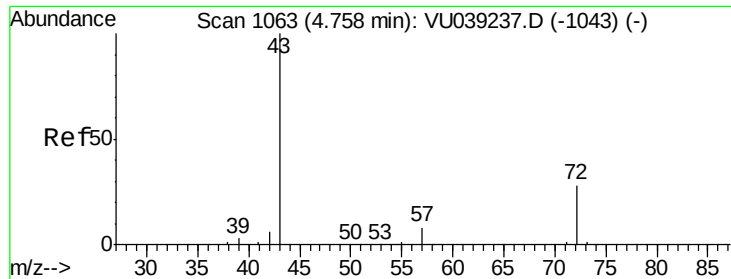
2000

1000

0

Time-->





#21

2-Butanone

Concen: 6.334 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU039246.D

Acq: 30 Jun 2020 21:15

Instrument :

MSVOA_U

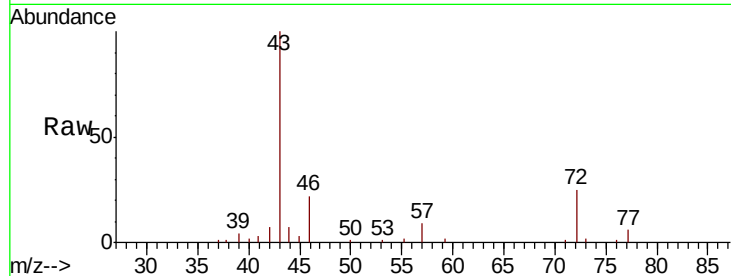
ClientSampled :

Tot Ion: 43 Resp: 34638

Ion Ratio Lower Upper

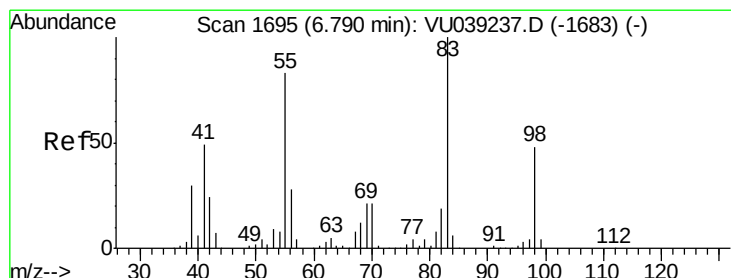
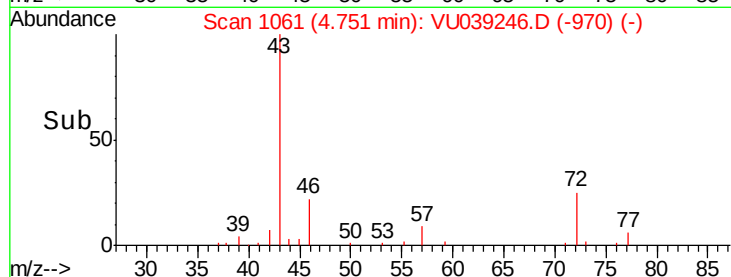
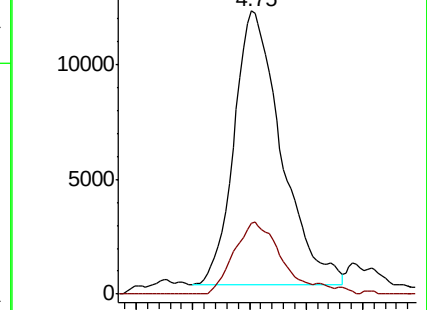
43 100

72 26.9 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) (-)



#35

Methylcyclohexane

Concen: 0.743 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU039246.D

Acq: 30 Jun 2020 21:15

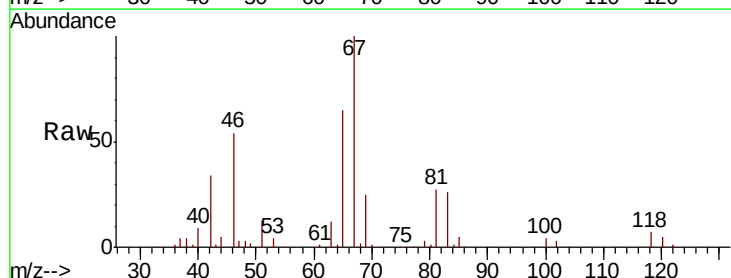
Tgt Ion: 83 Resp: 18361

Ion Ratio Lower Upper

83 100

55 0.0 64.4 96.6#

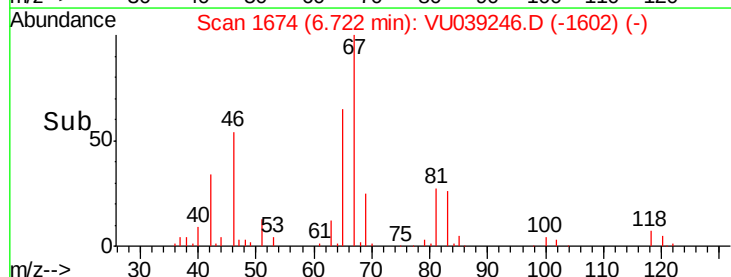
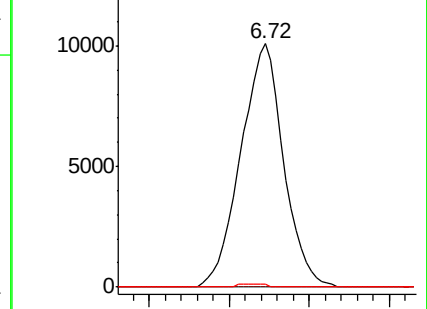
98 0.7 37.9 56.9#

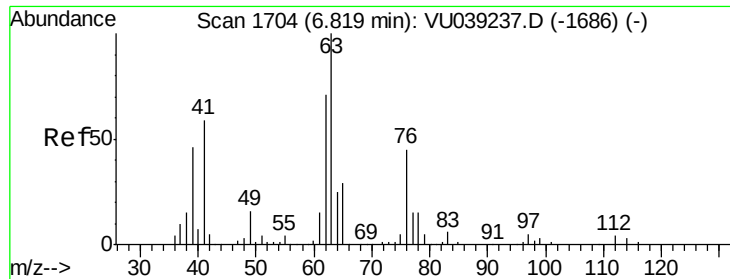


Abundance Ion 83.15 (82.85 to 83.85): VU039237.D (-1683) (-)

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

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

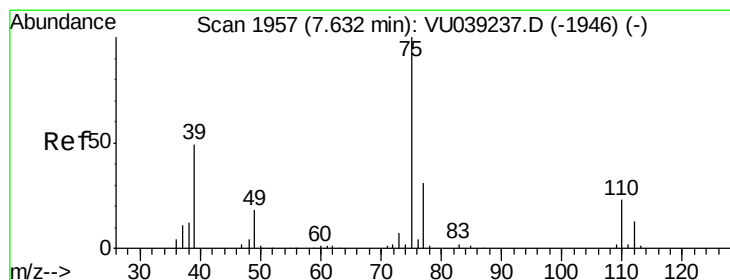
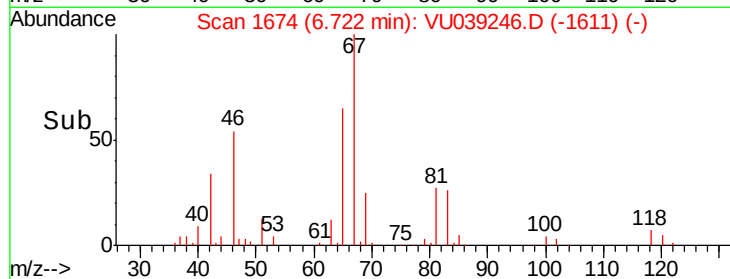
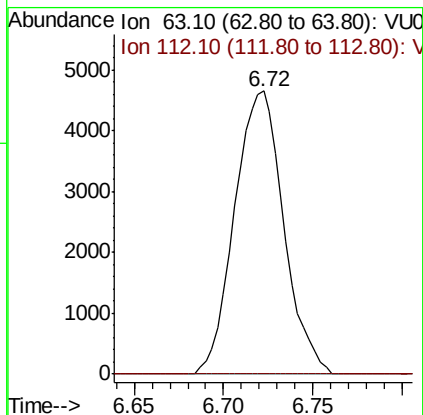
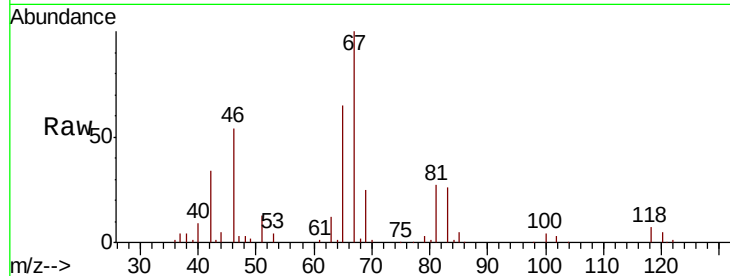




#37
 1,2-Dichloropropane
 Concen: 0.524 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039246.D
 Acq: 30 Jun 2020 21:15

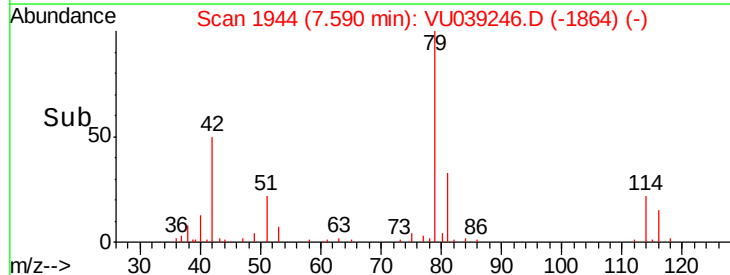
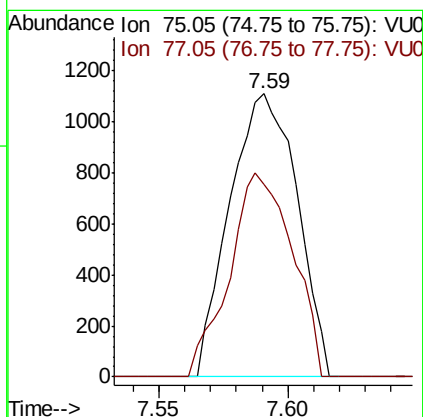
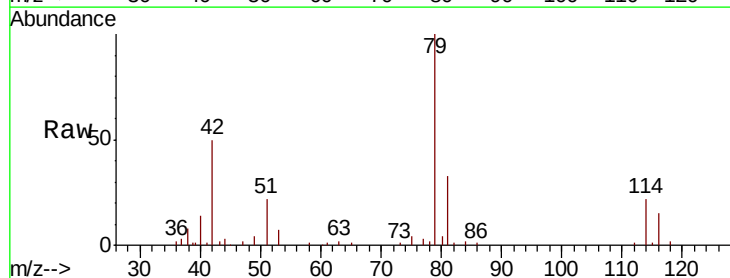
Instrument :
 MSVOA_U
 ClientSampled :

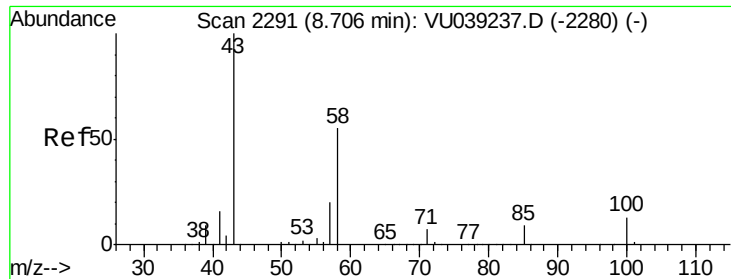
Tot Ion: 63 Resp: 8907
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039246.D
 Acq: 30 Jun 2020 21:15

Tgt Ion: 75 Resp: 2021
 Ion Ratio Lower Upper
 75 100
 77 68.2 22.5 41.7#

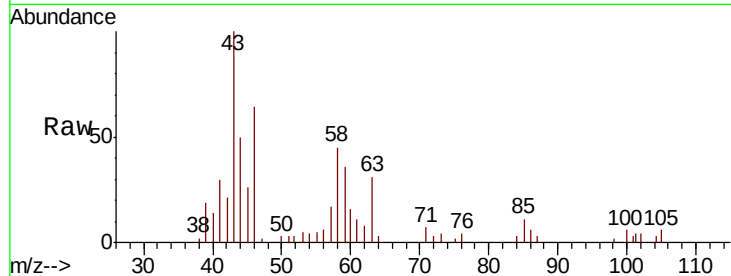




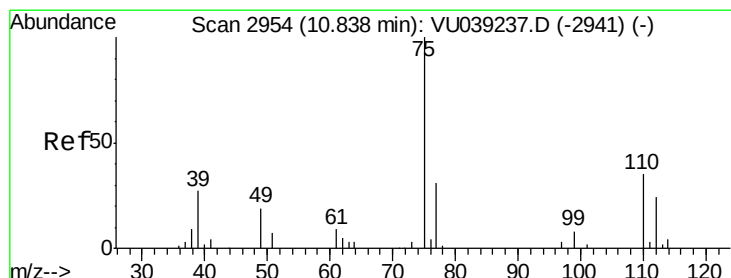
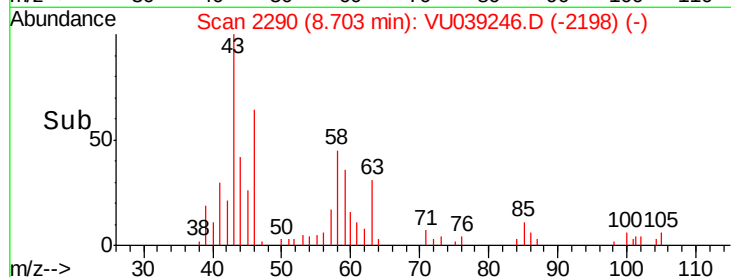
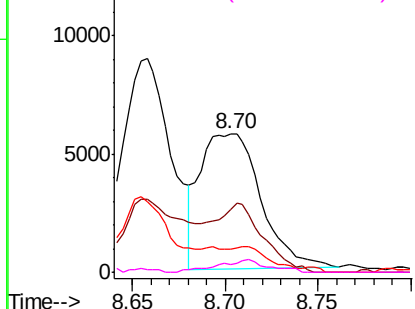
#48
2-Hexanone
Concen: 1.320 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039246.D
Acq: 30 Jun 2020 21:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 12989
Ion Ratio Lower Upper
43 100
58 35.3 43.6 65.4#
57 0.0 15.5 23.3#
100 7.6 10.0 15.0#

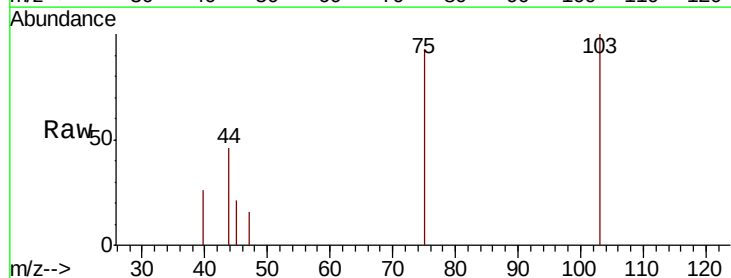


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.095 ug/L
RT: 10.54 min Scan# 2862
Delta R.T. -0.30 min
Lab File: VU039246.D
Acq: 30 Jun 2020 21:15

Tgt Ion: 75 Resp: 1244
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

