

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U063020\
 Data File : VU039260.D
 Acq On : 01 Jul 2020 05:02
 Operator : SY/MD
 Sample : L3132-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 06:29:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:27:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	211612	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	216072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	96650	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60800	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.93	69	52425	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.59	63	97488	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.67	46	184181	31.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.26%
24) Chloroform-d	5.10	84	122123	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.74	65	76920	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.76	84	232637	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.72	67	70968	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.92	98	193022	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.20	79	30492	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.65	63	125573	29.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	56606	3.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.20%#
64) 1,2-Dichlorobenzene-d4	12.20	152	73650	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

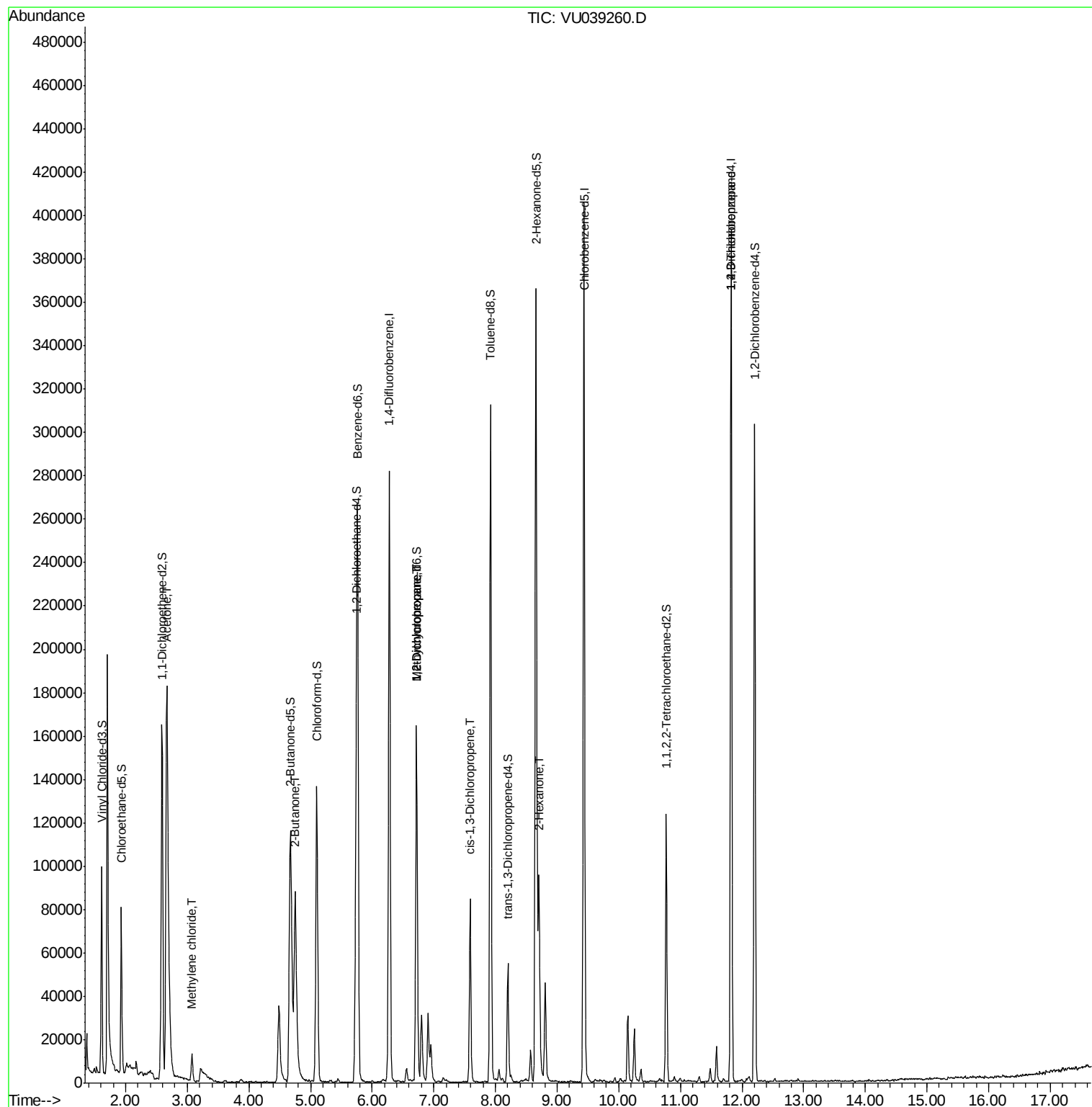
					Ovalue
13) Acetone	2.67	43	342889	95.072	ug/L 99
16) Methylene chloride	3.08	84	5714	0.278	ug/L 93
21) 2-Butanone	4.75	43	138438	24.423	ug/L 99
35) Methylcyclohexane	6.72	83	17628	0.708	ug/L # 25
37) 1,2-Dichloropropane	6.72	63	8643	0.504	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2222	0.091	ug/L # 35
48) 2-Hexanone	8.71	43	57966	5.847	ug/L 96
59) 1,2,3-Trichloropropane	11.82	75	13375	1.009	ug/L # 87

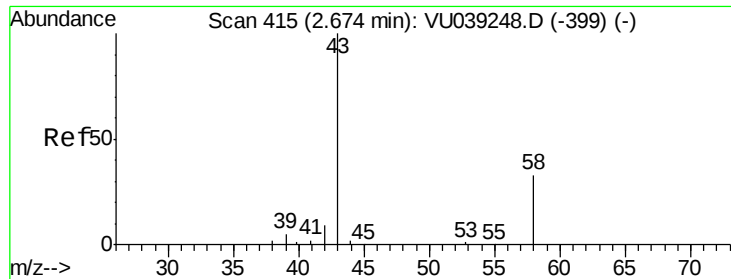
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 95.072 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU039260.D

Acq: 01 Jul 2020 05:02

Instrument :

MSVOA_U

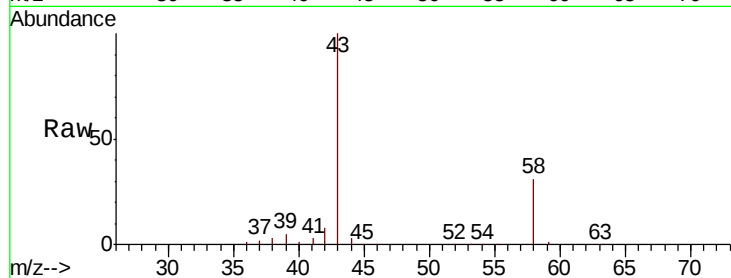
ClientSampleId :

Tot Ion: 43 Resp: 342889

Ion Ratio Lower Upper

43 100

58 30.2 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU039248.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU039248.D (-399) (-)

2.67

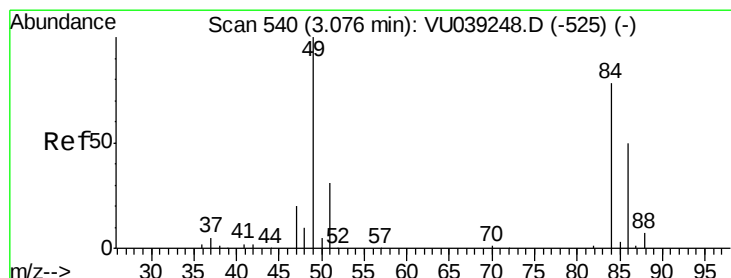
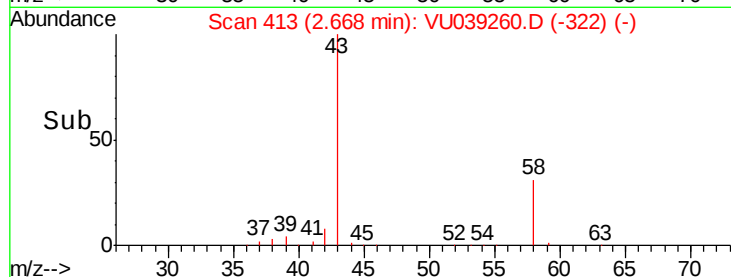
100000

50000

0

Time-->

2.50 2.60 2.70 2.80 2.90



#16

Methylene chloride

Concen: 0.278 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039260.D

Acq: 01 Jul 2020 05:02

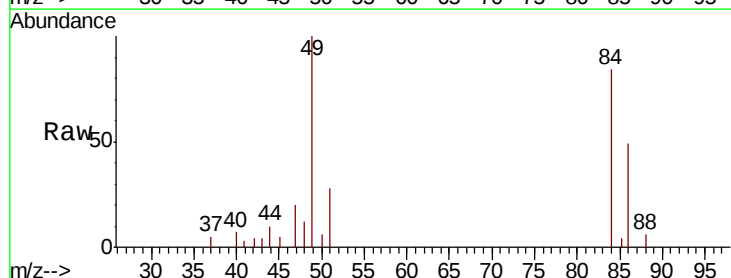
Tgt Ion: 84 Resp: 5714

Ion Ratio Lower Upper

84 100

86 58.1 44.9 83.5

49 118.6 88.4 164.2



Abundance Ion 84.05 (83.75 to 84.75): VU039248.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU039248.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU039248.D (-525) (-)

3.08

5000

4000

3000

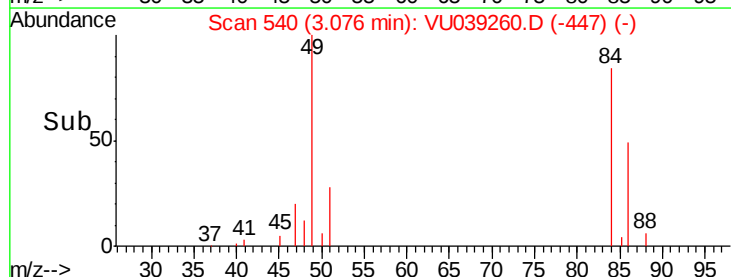
2000

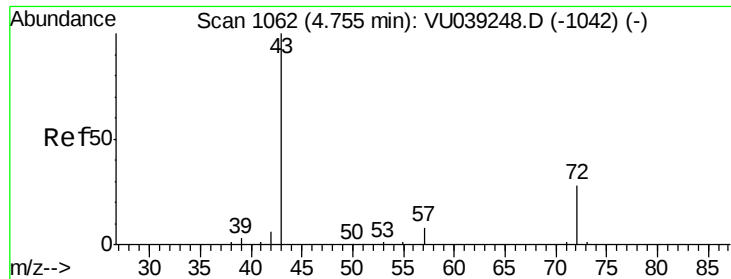
1000

0

Time-->

3.05 3.10 3.15





#21

2-Butanone

Concen: 24.423 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.00 min

Lab File: VU039260.D

Acq: 01 Jul 2020 05:02

Instrument :

MSVOA_U

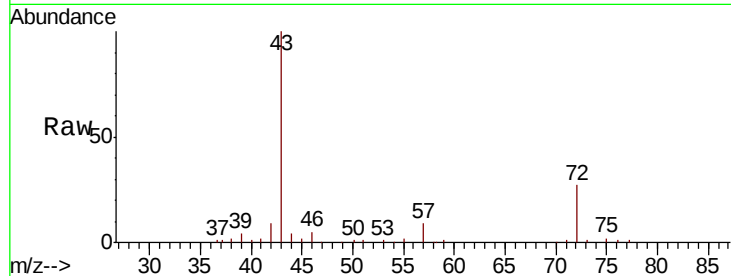
ClientSampled :

Tot Ion: 43 Resp: 138438

Ion Ratio Lower Upper

43 100

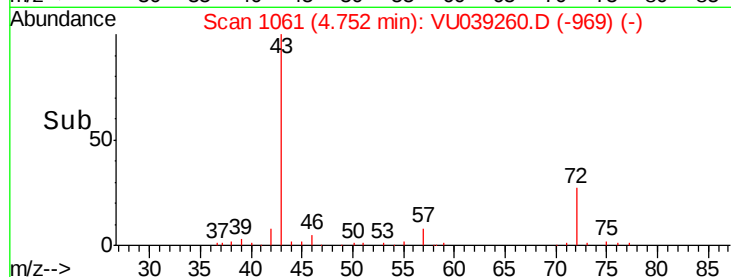
72 28.0 13.7 41.0



Abundance Ion 43.05 (42.75 to 43.75): VU039248.D (-1042) (-)

Ion 72.10 (71.80 to 72.80): VU039248.D (-1042) (-)

Time-->

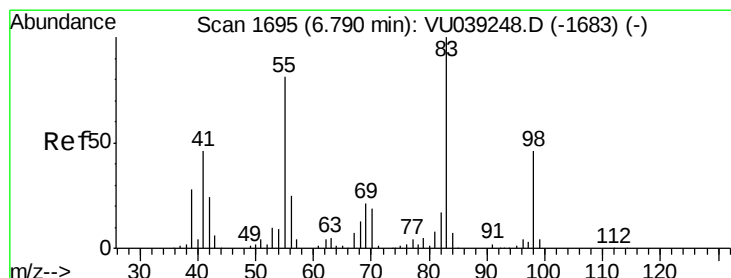


Abundance

Ion 43.05 (42.75 to 43.75): VU039260.D (-969) (-)

Ion 72.10 (71.80 to 72.80): VU039260.D (-969) (-)

Time-->



#35

Methylcyclohexane

Concen: 0.708 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039260.D

Acq: 01 Jul 2020 05:02

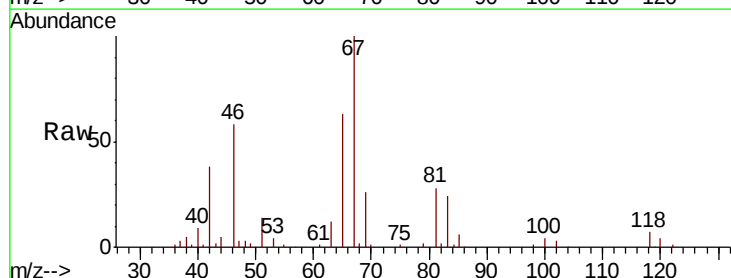
Tgt Ion: 83 Resp: 17628

Ion Ratio Lower Upper

83 100

55 11.0 64.4 96.6#

98 1.5 37.9 56.9#

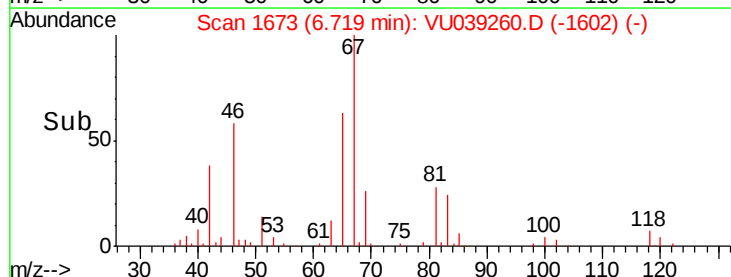


Abundance Ion 83.15 (82.85 to 83.85): VU039248.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039248.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039248.D (-1683) (-)

Time-->



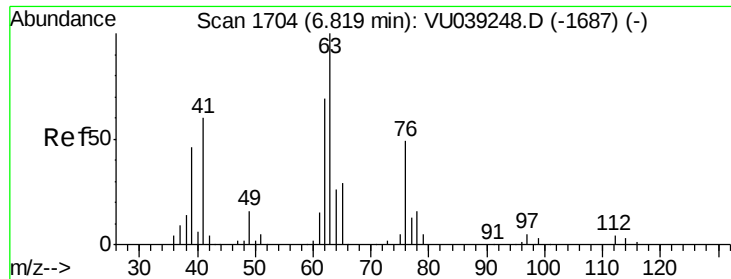
Abundance

Ion 83.15 (82.85 to 83.85): VU039260.D (-1602) (-)

Ion 55.10 (54.80 to 55.80): VU039260.D (-1602) (-)

Ion 98.15 (97.85 to 98.85): VU039260.D (-1602) (-)

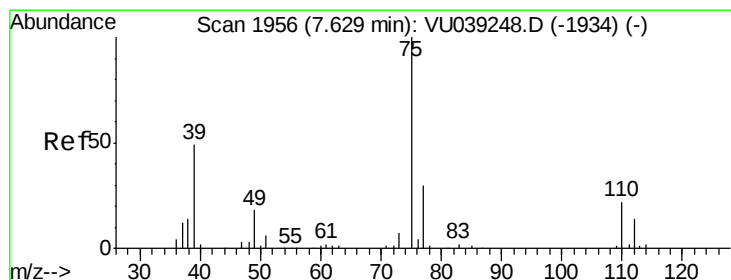
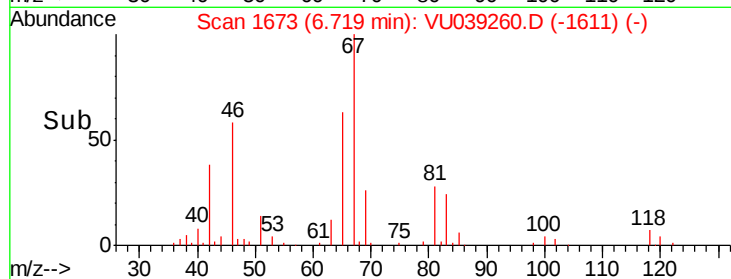
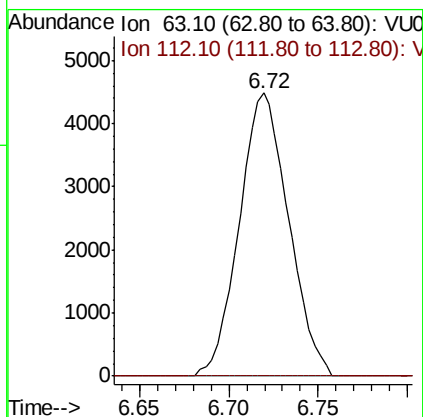
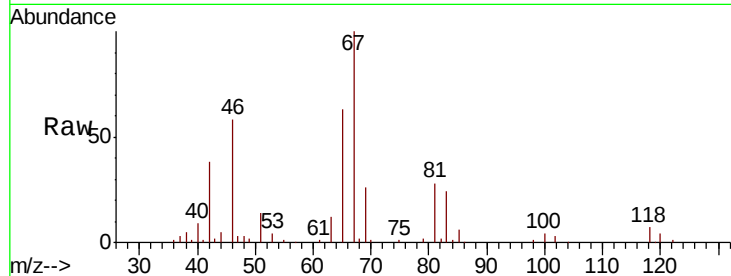
Time-->



#37
 1,2-Dichloropropane
 Concen: 0.504 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039260.D
 Acq: 01 Jul 2020 05:02

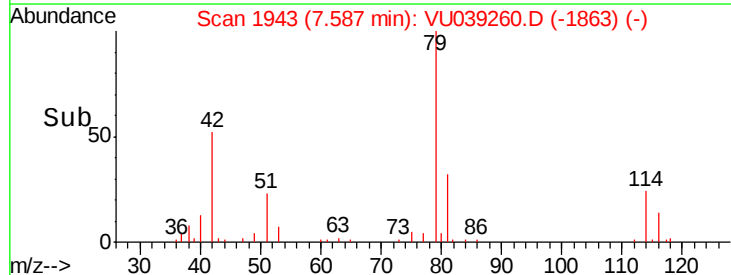
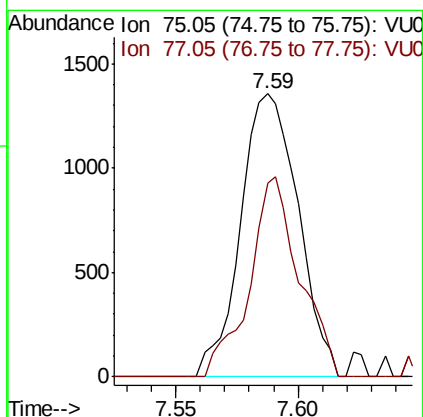
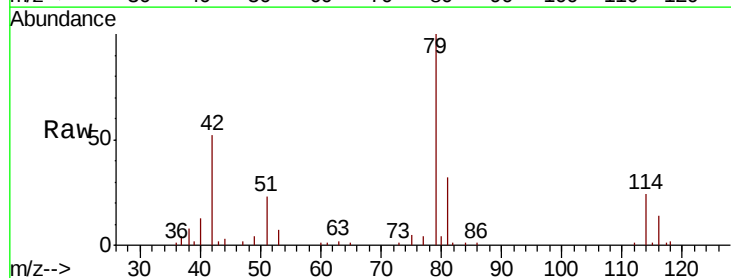
Instrument :
 MSVOA_U
 ClientSampleId :

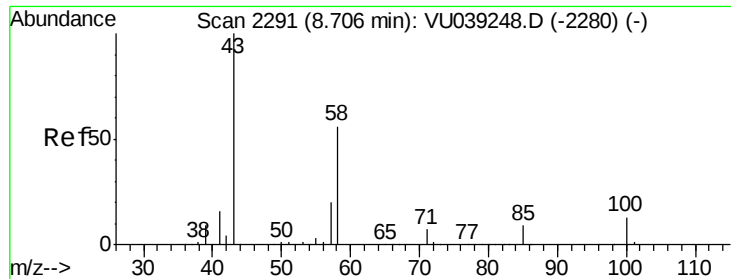
Tot Ion: 63 Resp: 8643
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039260.D
 Acq: 01 Jul 2020 05:02

Tgt Ion: 75 Resp: 2222
 Ion Ratio Lower Upper
 75 100
 77 68.5 22.5 41.7#

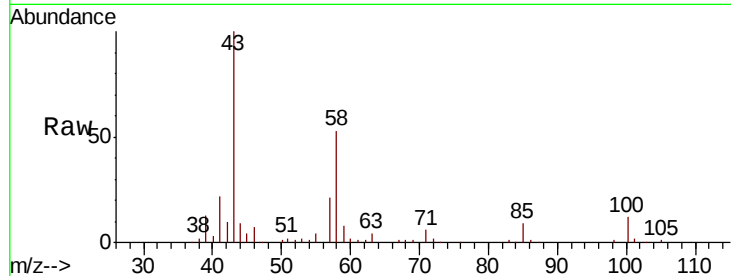




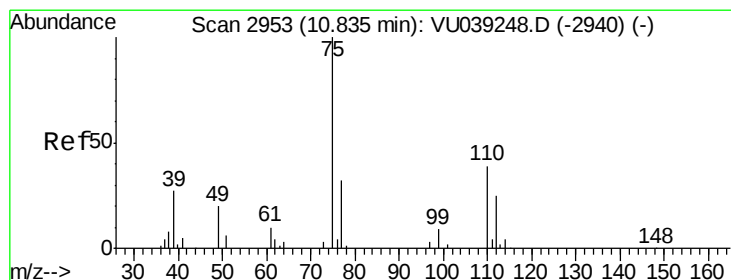
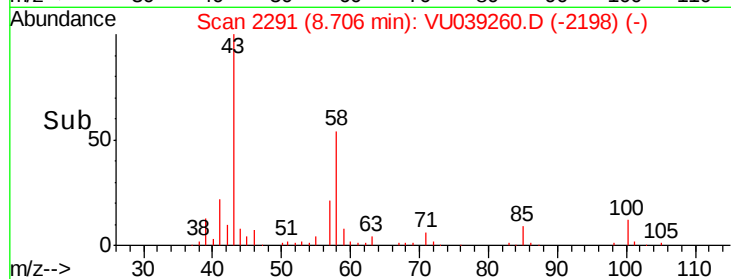
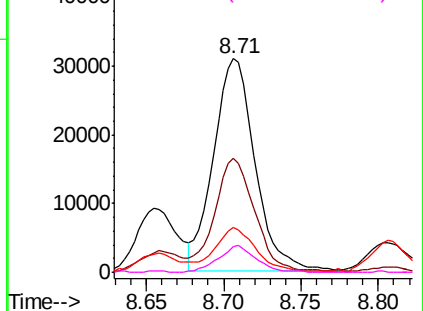
#48
2-Hexanone
Concen: 5.847 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU039260.D
Acq: 01 Jul 2020 05:02

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 57966
Ion Ratio Lower Upper
43 100
58 51.1 43.6 65.4
57 21.3 15.5 23.3
100 11.4 10.0 15.0

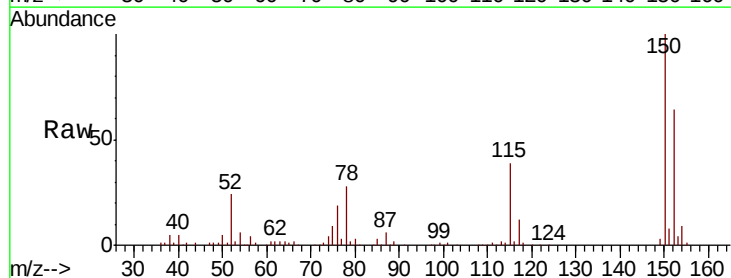


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.009 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.99 min
Lab File: VU039260.D
Acq: 01 Jul 2020 05:02

Tgt Ion: 75 Resp: 13375
Ion Ratio Lower Upper
75 100
77 37.9 24.6 36.8#



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

