

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039190.D
 Acq On : 29 Jun 2020 14:51
 Operator : SY/MD
 Sample : L3116-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q01

Quant Time: Jun 30 01:38:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	230848	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	229005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	102036	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	55936	2.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.80%
7) Chloroethane-d5	1.93	69	57275	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.40%
11) 1,1-Dichloroethene-d2	2.59	63	95867	2.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.60%#
20) 2-Butanone-d5	4.68	46	317041	48.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	5.10	84	151700	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.74	65	97227	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.76	84	278445	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
36) 1,2-Dichloropropane-d6	6.72	67	96828	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.92	98	257430	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.20	79	31272	2.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.00%
46) 2-Hexanone-d5	8.66	63	233950	48.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	81406	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	91228	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

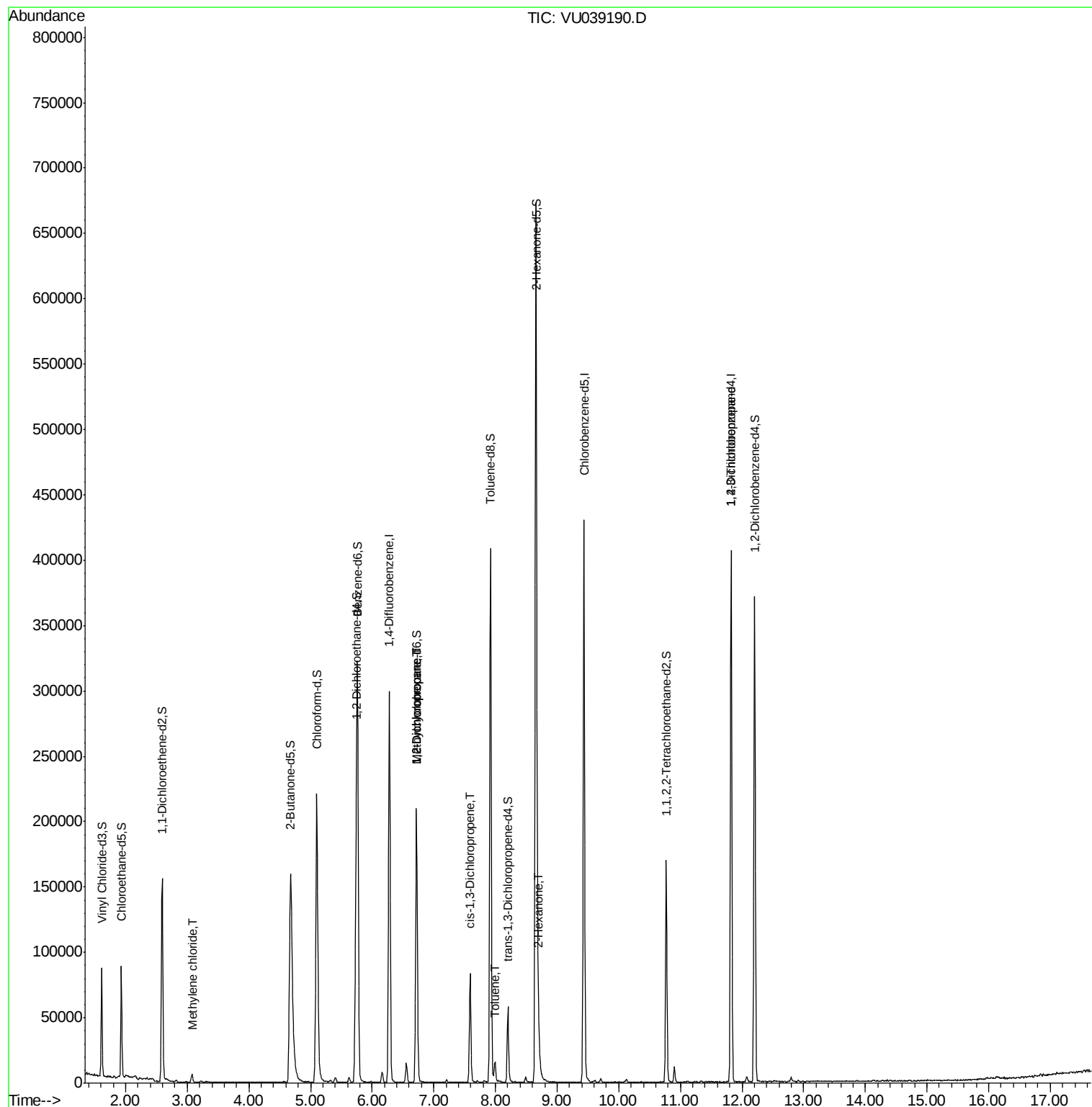
					Ovalue
16) Methylene chloride	3.08	84	2786	0.137 ug/L	96
35) Methylcyclohexane	6.72	83	22356	0.795 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11585	0.592 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2403	0.085 ug/L #	81
42) Toluene	7.99	91	9161	0.124 ug/L	99
48) 2-Hexanone	8.70	43	13180	1.221 ug/L	93
59) 1,2,3-Trichloropropane	11.83	75	13893	0.943 ug/L #	88

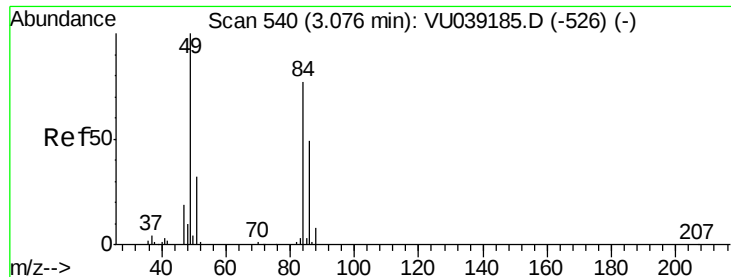
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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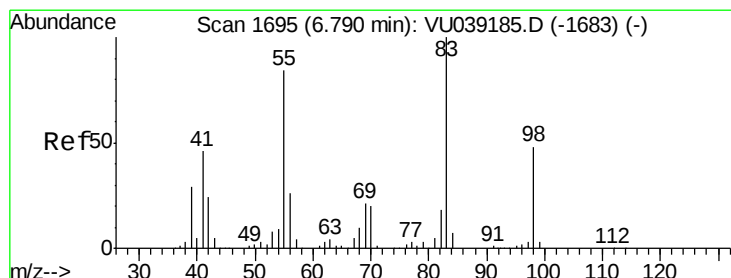
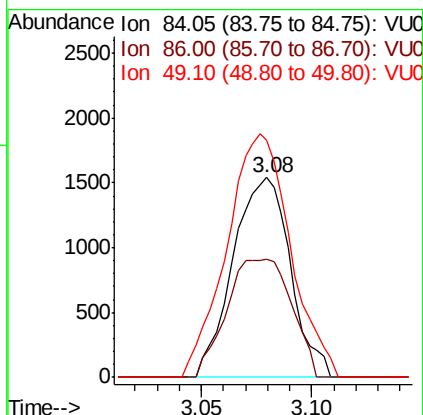
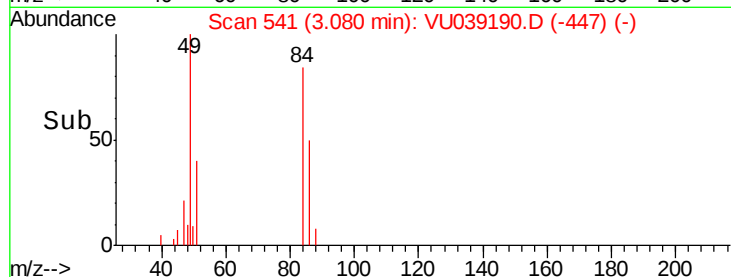
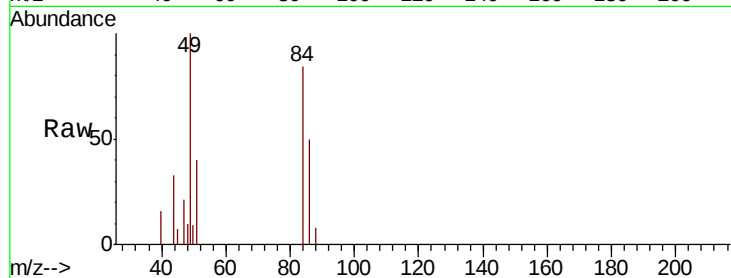




#16
Methvlene chloride
Concen: 0.137 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU039190.D
Acq: 29 Jun 2020 14:51

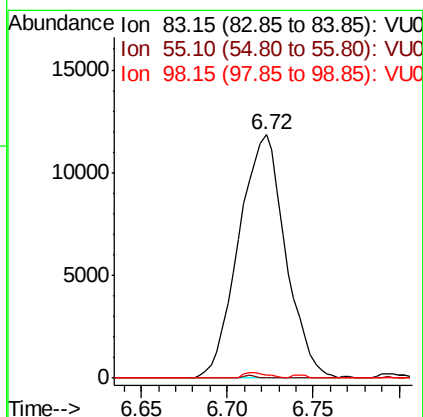
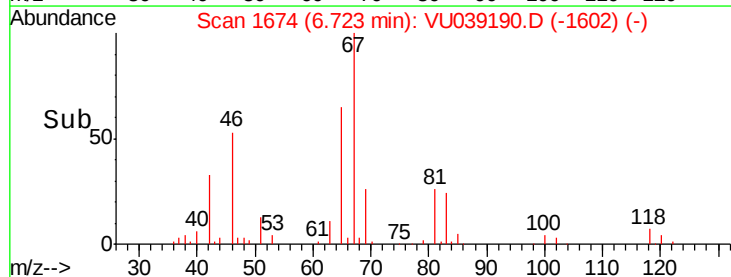
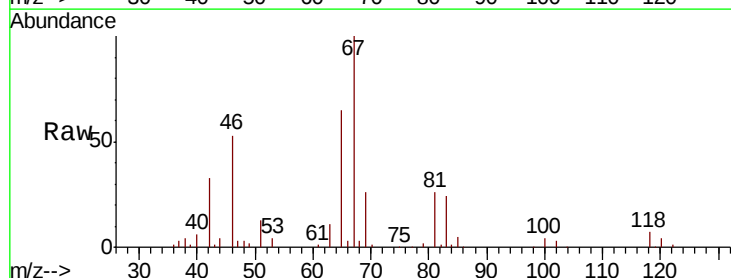
Instrument :
MSVOA_U
ClientSampleId :
F9Q01

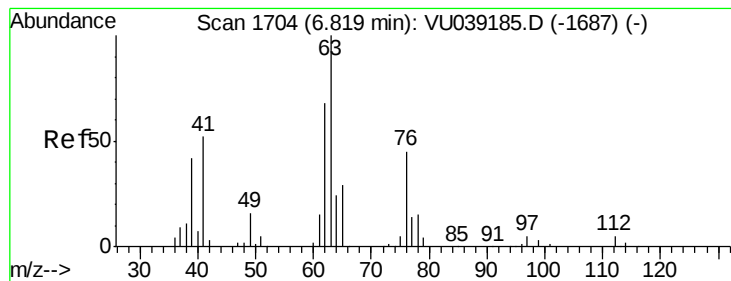
Tot Ion: 84 Resp: 2786
Ion Ratio Lower Upper
84 100
86 59.0 44.2 82.2
49 129.4 93.2 173.0



#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039190.D
Acq: 29 Jun 2020 14:51

Tgt Ion: 83 Resp: 22356
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.1 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039190.D

Acq: 29 Jun 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

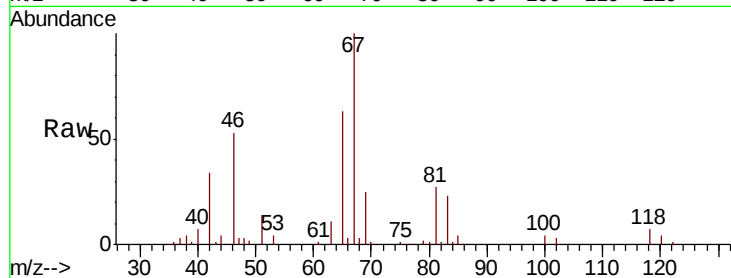
F9Q01

Tot Ion: 63 Resp: 11585

Ion Ratio Lower Upper

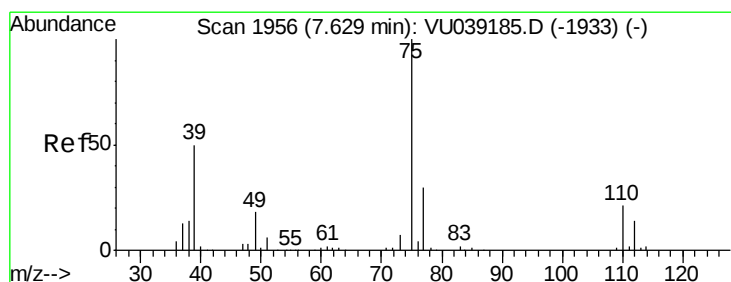
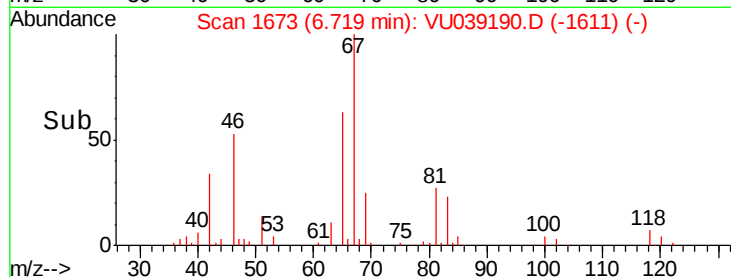
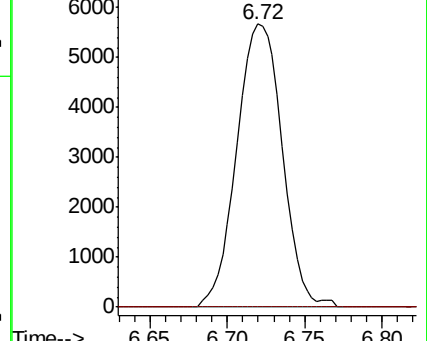
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039185.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU039185.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039190.D

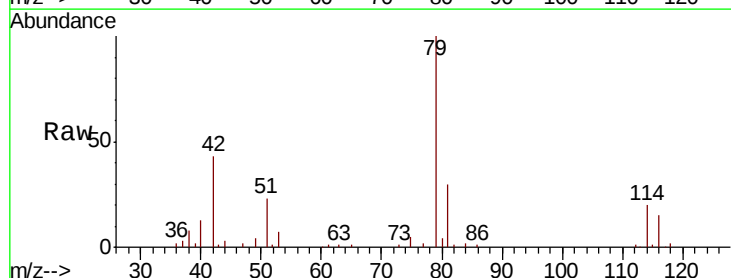
Acq: 29 Jun 2020 14:51

Tgt Ion: 75 Resp: 2403

Ion Ratio Lower Upper

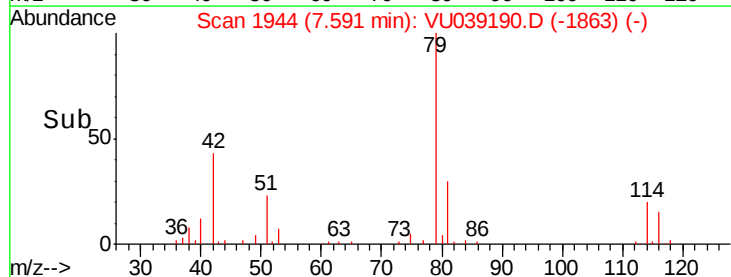
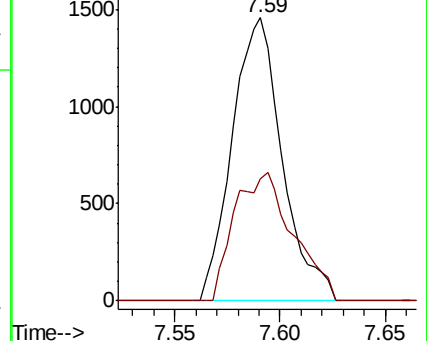
75 100

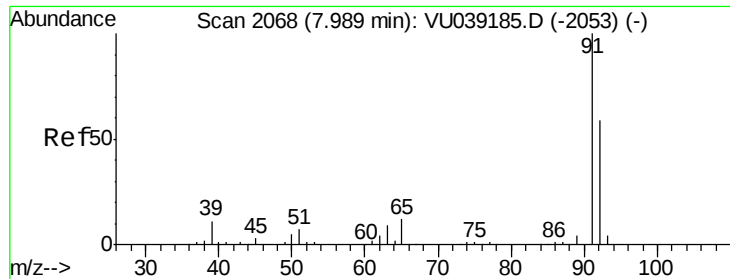
77 43.0 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU039185.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU039185.D (-1933) (-)





#42

Toluene

Concen: 0.124 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU039190.D

Acq: 29 Jun 2020 14:51

Instrument :

MSVOA_U

ClientSampled :

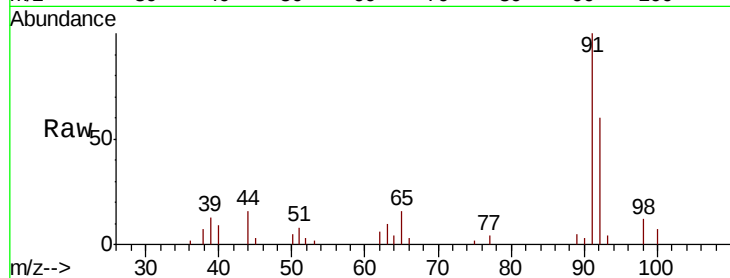
F9Q01

Tot Ion: 91 Resp: 9161

Ion Ratio Lower Upper

91 100

92 59.9 42.4 78.6



Abundance Ion 91.15 (90.85 to 91.85): VU039185.D (-2053) (-)

Ion 92.15 (91.85 to 92.85): VU039185.D (-2053) (-)

7.99

6000

5000

4000

3000

2000

1000

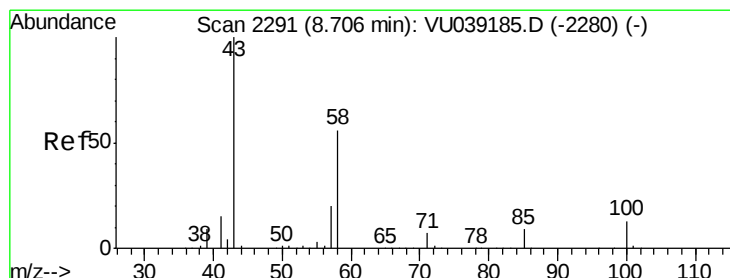
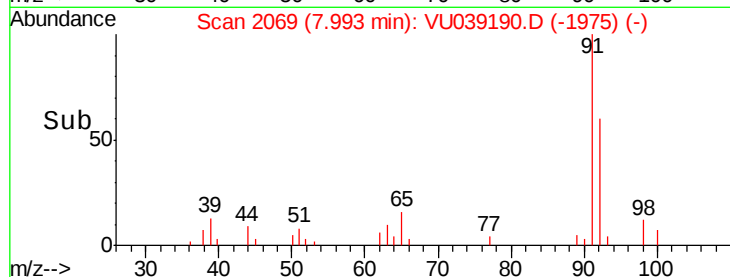
0

7.95

8.00

8.05

Time-->



#48

2-Hexanone

Concen: 1.221 ug/L

RT: 8.70 min Scan# 2290

Delta R.T. -0.00 min

Lab File: VU039190.D

Acq: 29 Jun 2020 14:51

Tgt Ion: 43 Resp: 13180

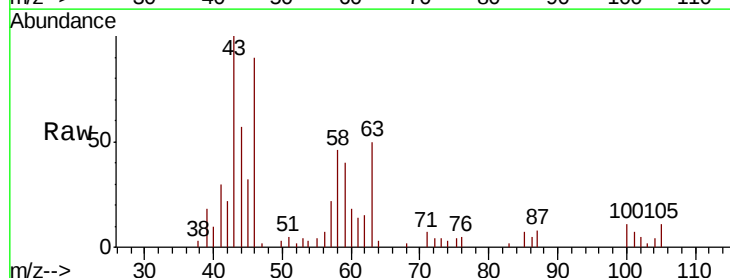
Ion Ratio Lower Upper

43 100

58 47.8 43.6 65.4

57 19.4 15.6 23.4

100 9.8 9.4 14.2



Abundance Ion 43.05 (42.75 to 43.75): VU039185.D (-2280) (-)

Ion 58.05 (57.75 to 58.75): VU039185.D (-2280) (-)

Ion 57.20 (56.90 to 57.90): VU039185.D (-2280) (-)

Ion 100.15 (99.85 to 100.85): VU039185.D (-2280) (-)

25000

20000

15000

10000

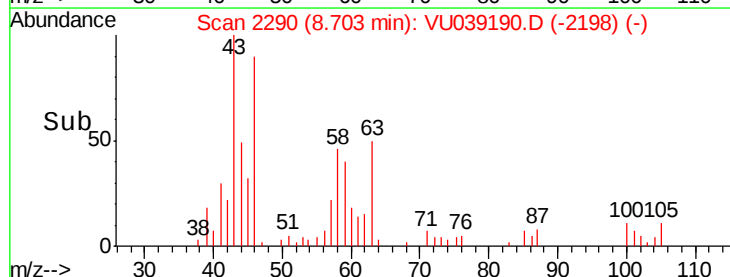
5000

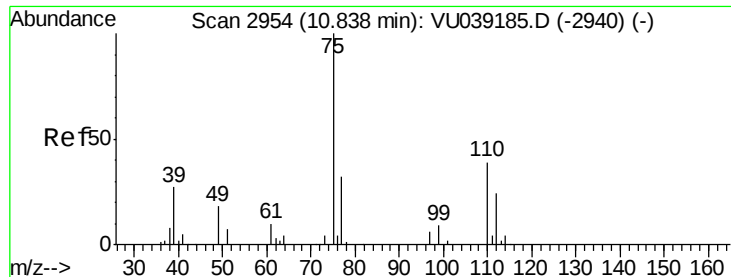
0

8.70

8.75

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.943 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039190.D

Acq: 29 Jun 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

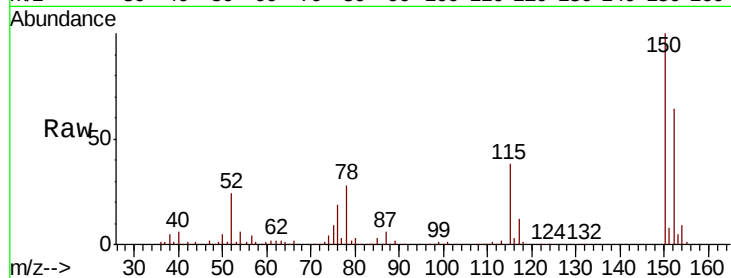
F9Q01

Tot Ion: 75 Resp: 13893

Ion Ratio Lower Upper

75 100

77 38.4 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

