

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038966.D
 Acq On : 18 Jun 2020 13:46
 Operator : SY/MD
 Sample : L3058-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L70

Quant Time: Jun 19 01:19:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	377752	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	309292	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147408	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75589	2.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.60%
7) Chloroethane-d5	1.93	69	95388	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.59	63	122384	2.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.00%#
20) 2-Butanone-d5	4.67	46	311628	37.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.26%
24) Chloroform-d	5.10	84	172995	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.40%#
26) 1,2-Dichloroethane-d4	5.74	65	104529	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
32) Benzene-d6	5.76	84	334650	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.72	67	108359	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.92	98	270572	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.20	79	44228	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.66	63	264541	43.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97241	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	118527	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

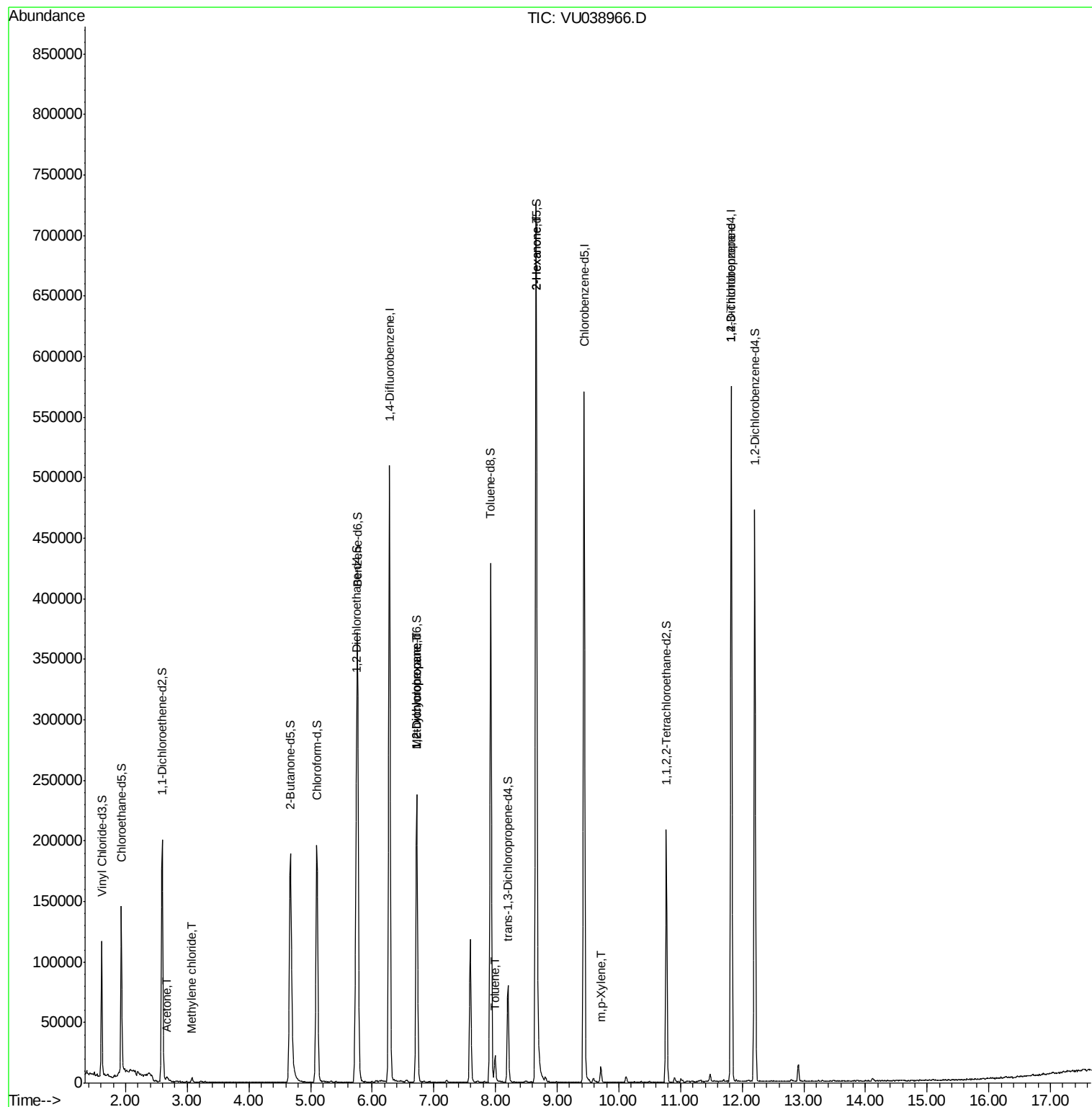
					Ovalue
13) Acetone	2.67	43	5897	1.031	ug/L 83
16) Methylene chloride	3.07	84	1897	0.062	ug/L 87
35) Methylcyclohexane	6.72	83	27632	0.744	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	12372	0.513	ug/L # 86
42) Toluene	7.99	91	14460	0.151	ug/L 100
48) 2-Hexanone	8.66	43	30686	2.436	ug/L # 70
53) m,p-Xylene	9.71	106	3562	0.089	ug/L 93
59) 1,2,3-Trichloropropane	11.82	75	18007	0.968	ug/L # 85

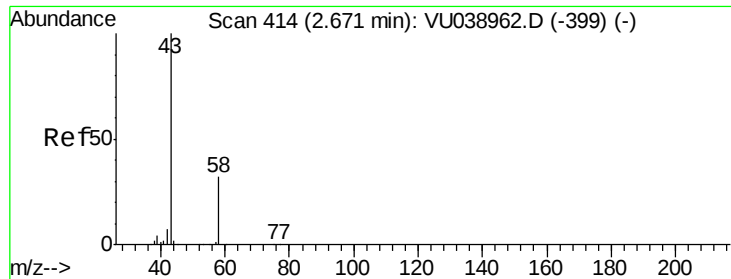
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.031 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU038966.D

Acq: 18 Jun 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

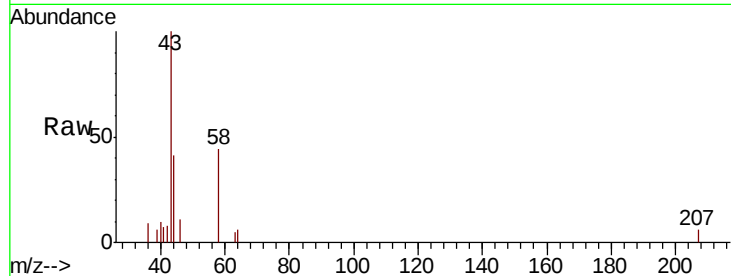
F9L70

Tot Ion: 43 Resp: 5897

Ion Ratio Lower Upper

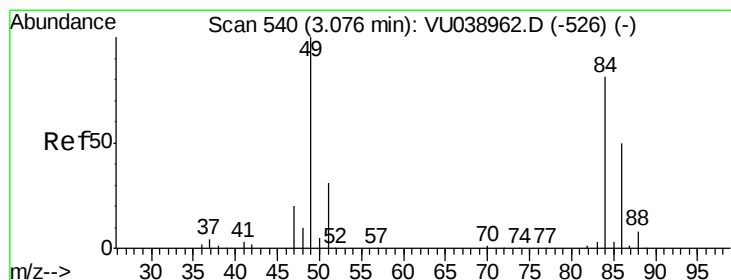
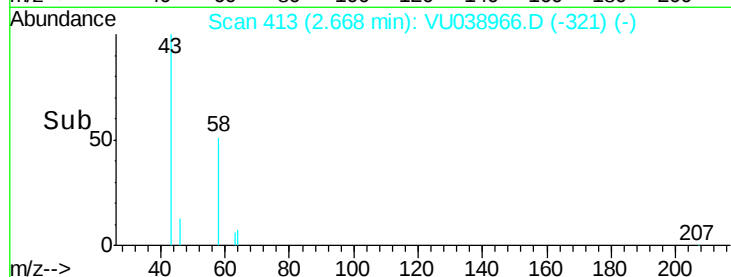
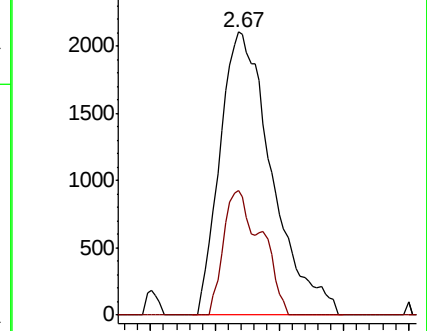
43 100

58 23.0 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.062 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU038966.D

Acq: 18 Jun 2020 13:46

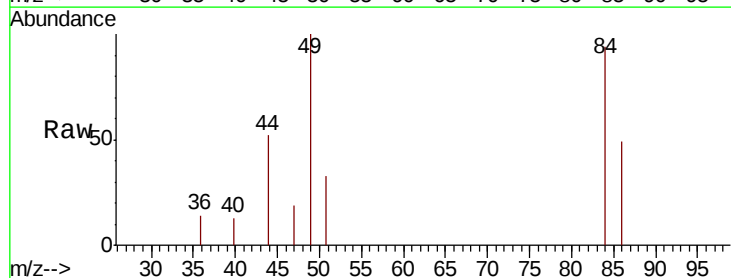
Tgt Ion: 84 Resp: 1897

Ion Ratio Lower Upper

84 100

86 52.7 45.1 83.7

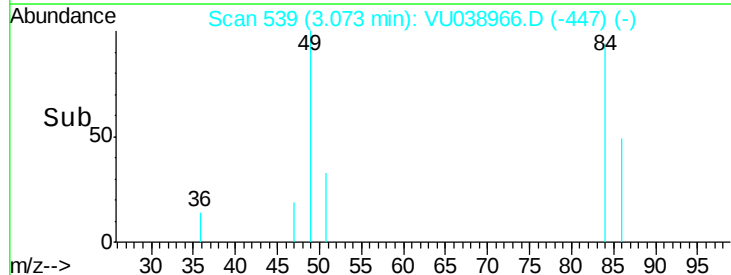
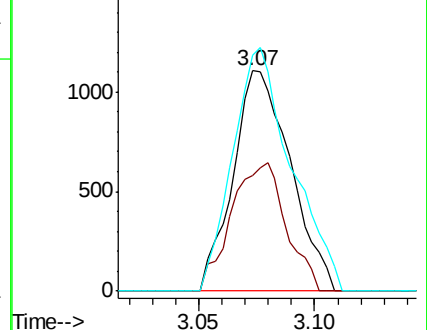
49 106.9 83.7 155.4

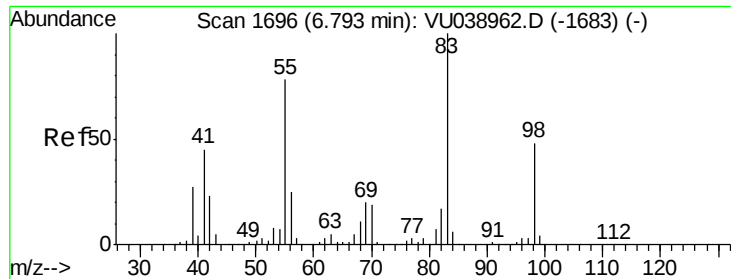


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

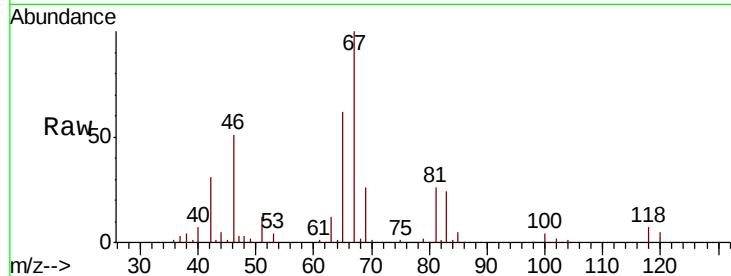




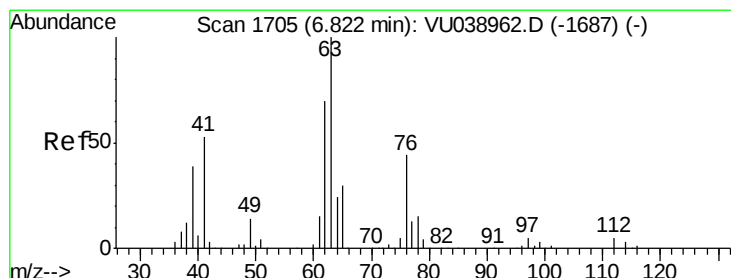
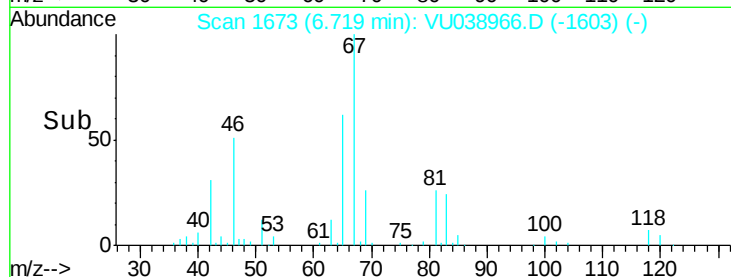
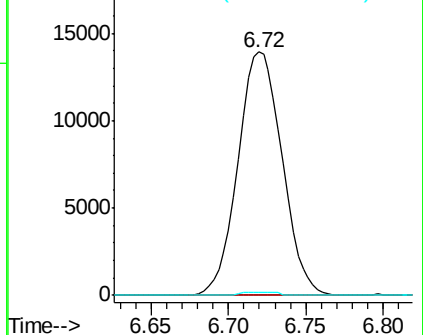
#35
Methvlcvclohexane
Concen: 0.744 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038966.D
Acq: 18 Jun 2020 13:46

Instrument :
MSVOA_U
ClientSampleId :
F9L70

Tot Ion: 83 Resp: 27632
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.8#
98 0.9 39.3 58.9#

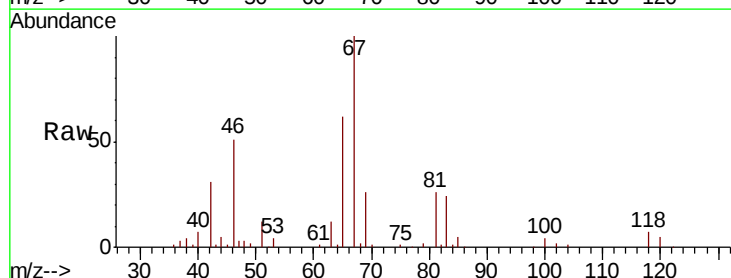


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

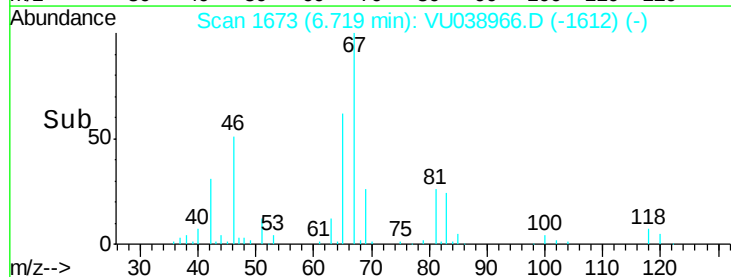
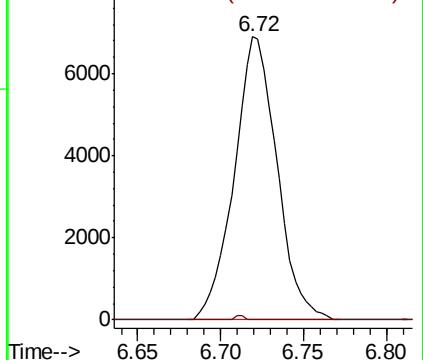


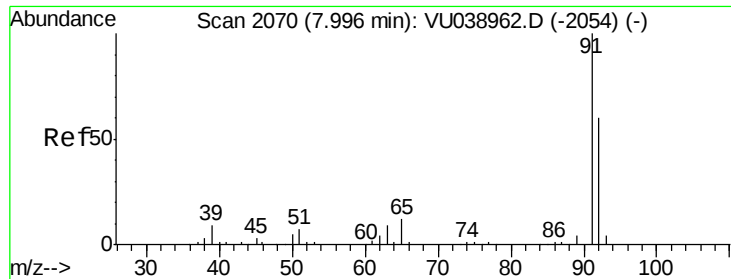
#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038966.D
Acq: 18 Jun 2020 13:46

Tgt Ion: 63 Resp: 12372
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.151 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038966.D

Acq: 18 Jun 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

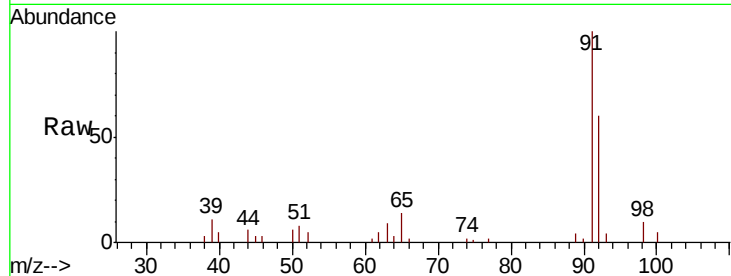
F9L70

Tot Ion: 91 Resp: 14460

Ion Ratio Lower Upper

91 100

92 59.6 41.6 77.2

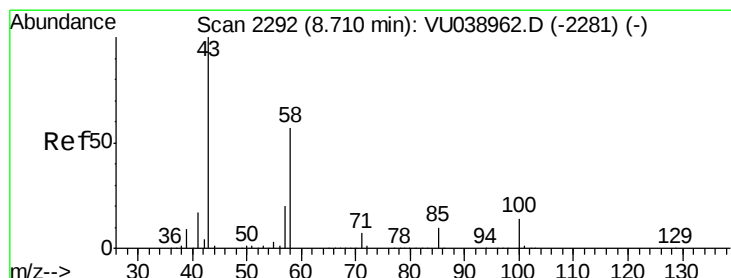
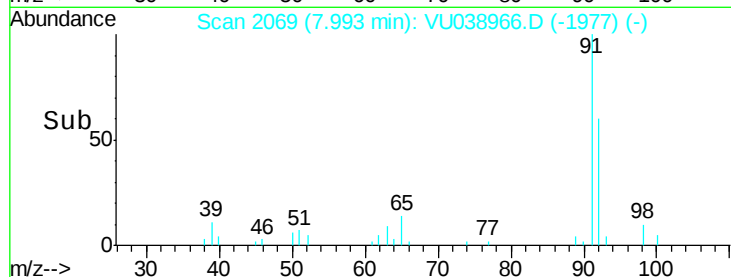


Abundance Ion 91.15 (90.85 to 91.85): VU038966.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU038966.D (-1977) (-)

7.99

Time-->



#48

2-Hexanone

Concen: 2.436 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

Lab File: VU038966.D

Acq: 18 Jun 2020 13:46

Tgt Ion: 43 Resp: 30686

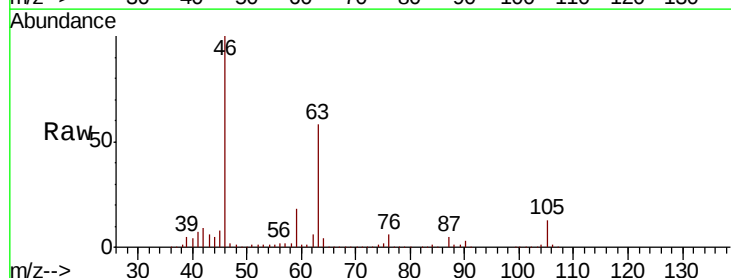
Ion Ratio Lower Upper

43 100

58 33.3 45.2 67.8#

57 32.1 16.1 24.1#

100 1.5 10.9 16.3#



Abundance Ion 43.05 (42.75 to 43.75): VU038966.D (-2199) (-)

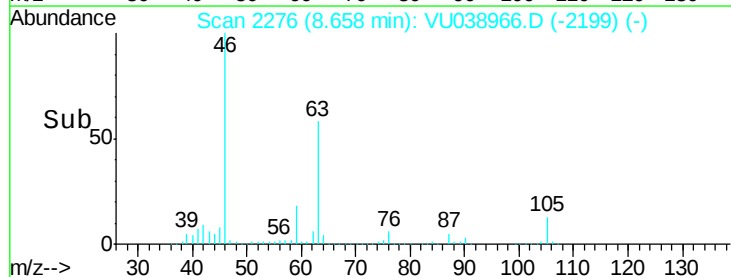
Ion 58.05 (57.75 to 58.75): VU038966.D (-2199) (-)

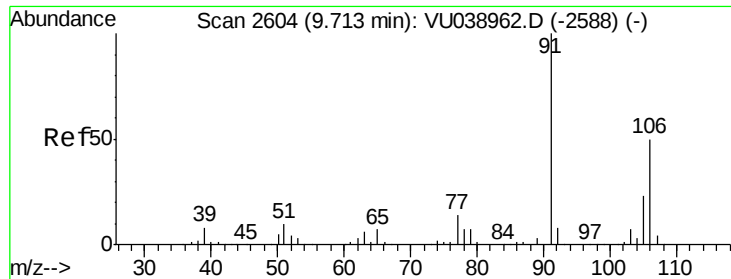
Ion 57.20 (56.90 to 57.90): VU038966.D (-2199) (-)

Ion 100.15 (99.85 to 100.85): VU038966.D (-2199) (-)

8.66

Time-->





#53

m,p-Xylene

Concen: 0.089 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038966.D

Acq: 18 Jun 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

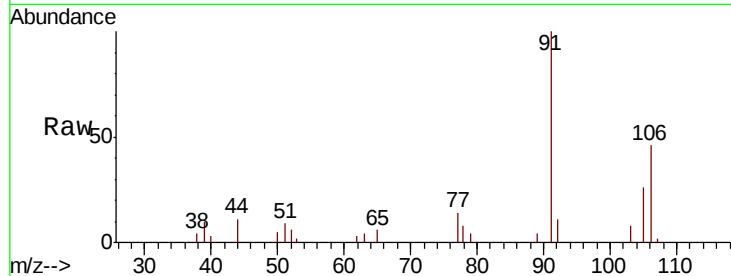
F9L70

Tot Ion:106 Resp: 3562

Ion Ratio Lower Upper

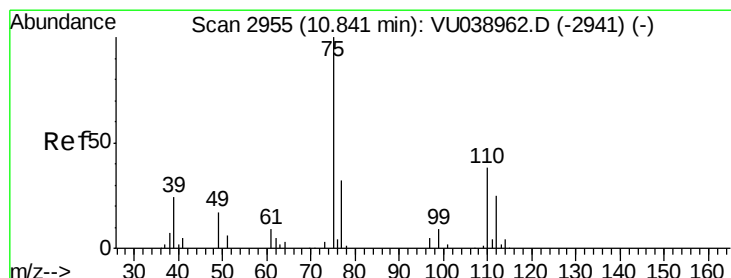
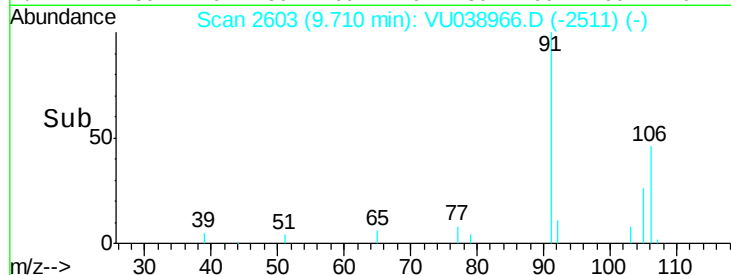
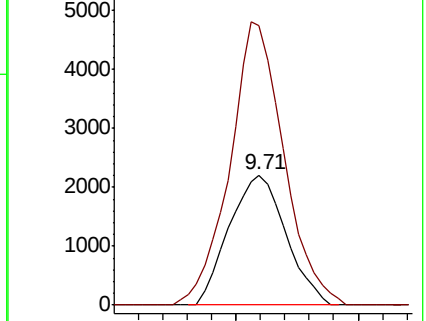
106 100

91 215.2 143.0 265.6



Abundance Ion 106.15 (105.85 to 106.85): VU038966.D (-2511) (-)

Ion 91.15 (90.85 to 91.85): VU038966.D (-2511) (-)



#59

1,2,3-Trichloropropane

Concen: 0.968 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038966.D

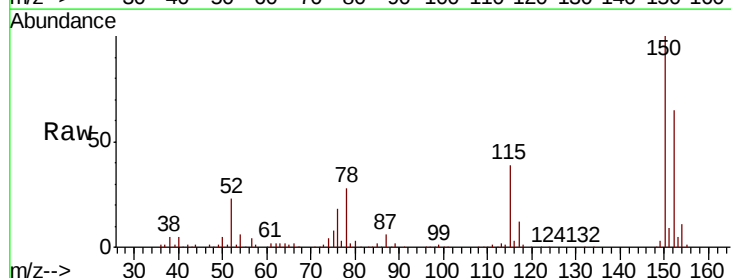
Acq: 18 Jun 2020 13:46

Tgt Ion: 75 Resp: 18007

Ion Ratio Lower Upper

75 100

77 40.0 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU038966.D (-2333) (-)

Ion 77.00 (76.70 to 77.70): VU038966.D (-2333) (-)

