

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038270.D
 Acq On : 21 May 2020 17:25
 Operator : JC/MD
 Sample : L2724-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 22 01:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	460891	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	442329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	215037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	125602	2.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.60%
7) Chloroethane-d5	1.93	69	141870	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	2.59	63	188647	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	4.66	46	526456	50.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	5.10	84	288380	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.74	65	170960	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.76	84	600141	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.72	67	196391	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.92	98	533769	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.20	79	70937	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.65	63	471146	58.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	169588	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	206873	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

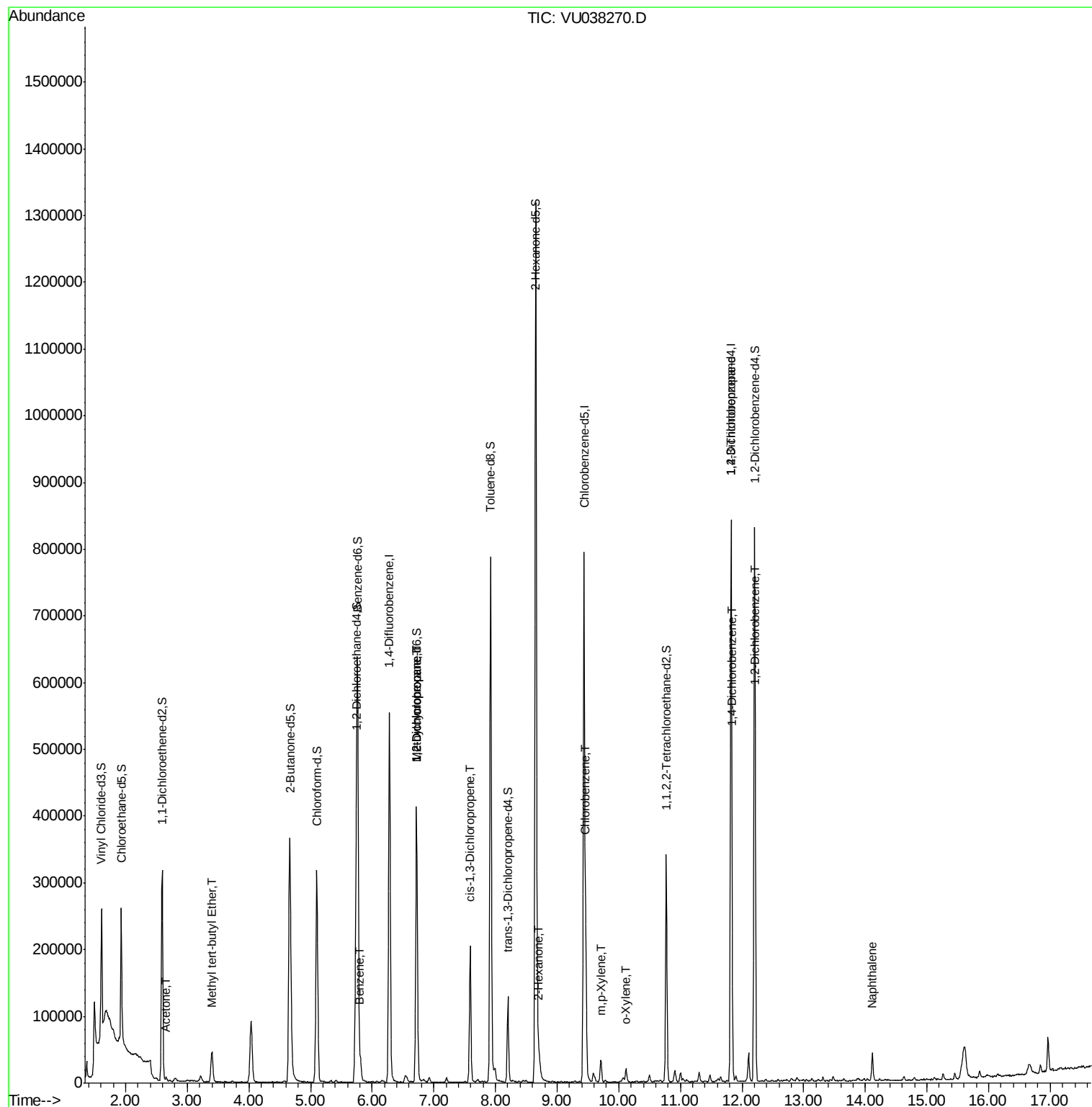
					Ovalue
13) Acetone	2.66	43	6031	0.924	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	48765	0.549	ug/L 98
33) Benzene	5.81	78	27339	0.193	ug/L 100
35) Methylcyclohexane	6.72	83	45721	0.797	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	20933	0.544	ug/L # 89
39) cis-1,3-Dichloropropene	7.59	75	4876	0.089	ug/L # 37
48) 2-Hexanone	8.71	43	22134	1.133	ug/L # 91
51) Chlorobenzene	9.47	112	102684	1.107	ug/L 97
53) m,p-Xylene	9.71	106	9988	0.161	ug/L 85
54) o-Xylene	10.11	106	4543	0.076	ug/L 97
59) 1,2,3-Trichloropropane	11.82	75	30562	1.184	ug/L 92
63) 1,4-Dichlorobenzene	11.84	146	9976	0.141	ug/L 98
65) 1,2-Dichlorobenzene	12.22	146	6869	0.102	ug/L # 83
69) Naphthalene	14.11	128	32587	0.336	ug/L 98

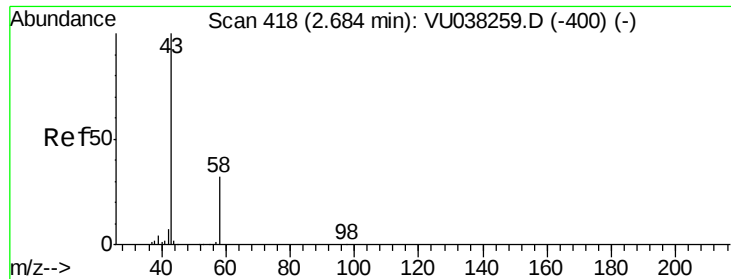
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 22 01:03:14 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.924 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU038270.D

Acq: 21 May 2020 17:25

Instrument :

MSVOA_U

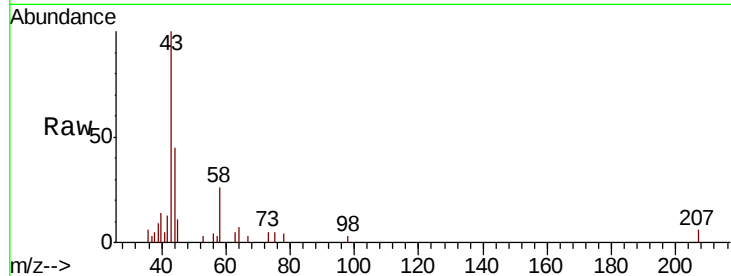
ClientSampleId :

Tot Ion: 43 Resp: 6031

Ion Ratio Lower Upper

43 100

58 29.1 0.0 63.6

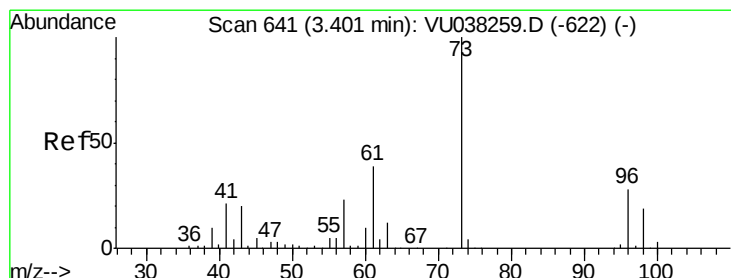
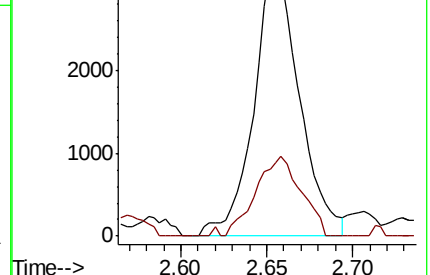
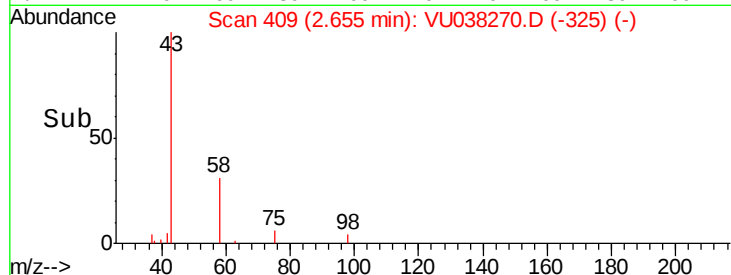


Abundance Ion 43.05 (42.75 to 43.75): VU038270.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038270.D (-400) (-)

2.66

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.549 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038270.D

Acq: 21 May 2020 17:25

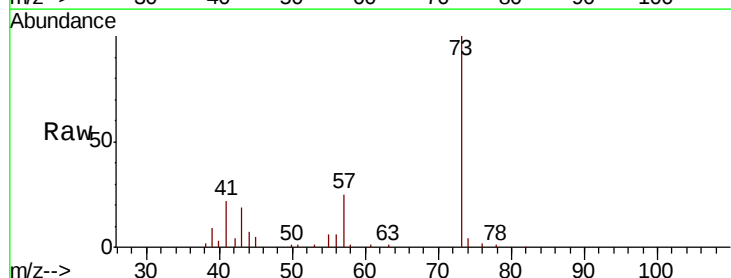
Tgt Ion: 73 Resp: 48765

Ion Ratio Lower Upper

73 100

43 20.6 16.9 25.3

57 24.0 18.2 27.2



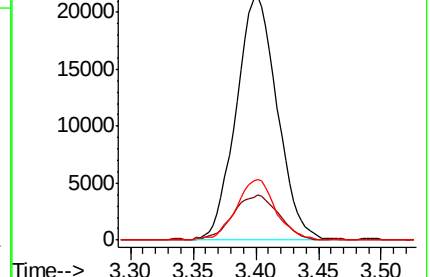
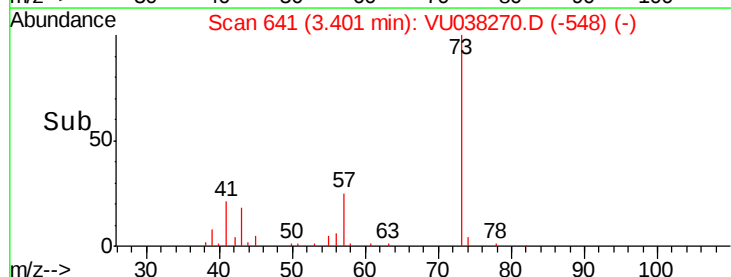
Abundance Ion 73.10 (72.80 to 73.80): VU038270.D (-548) (-)

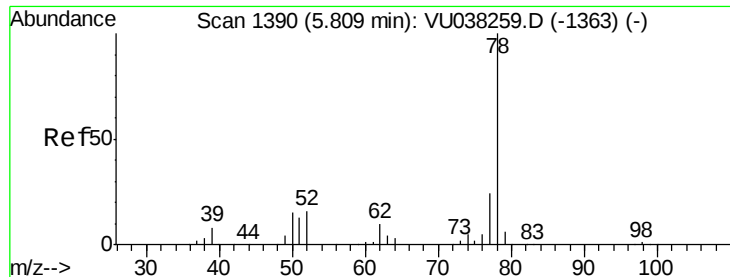
Ion 43.05 (42.75 to 43.75): VU038270.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038270.D (-548) (-)

3.40

Time-->





#33

Benzene

Concen: 0.193 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU038270.D

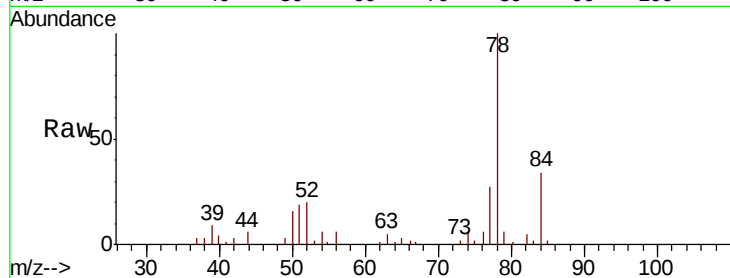
Acq: 21 May 2020 17:25

Instrument :

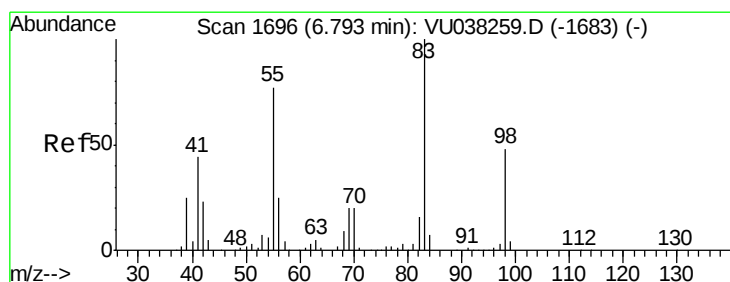
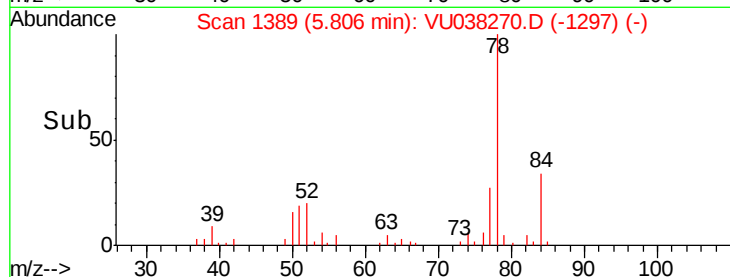
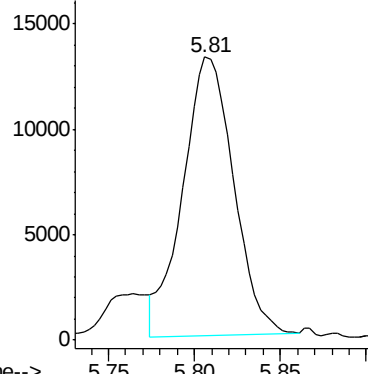
MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 27339



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 6.72 min Scan# 1674

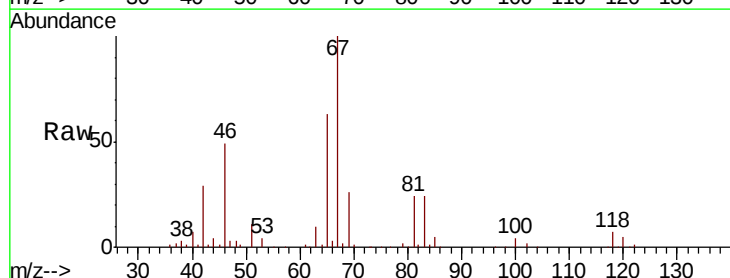
Delta R.T. -0.07 min

Lab File: VU038270.D

Acq: 21 May 2020 17:25

Tgt Ion: 83 Resp: 45721

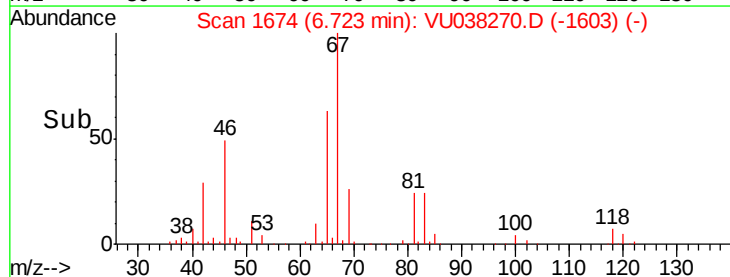
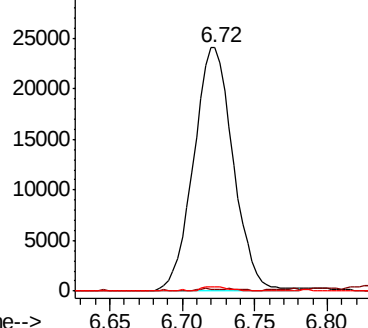
Ion	Ratio	Lower	Upper
83	100		
55	0.4	66.7	100.1#
98	1.2	39.4	59.2#

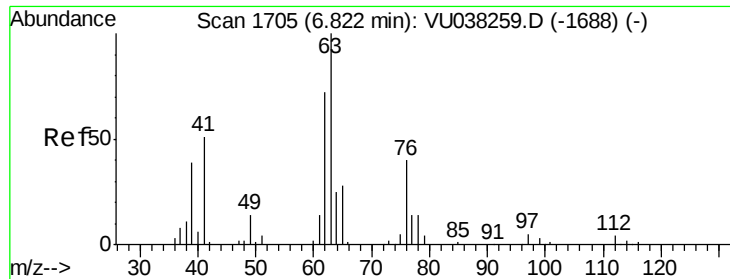


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

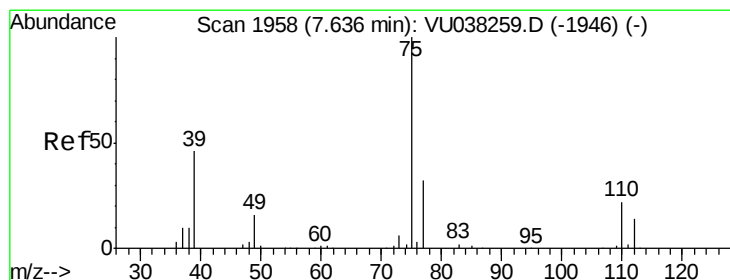
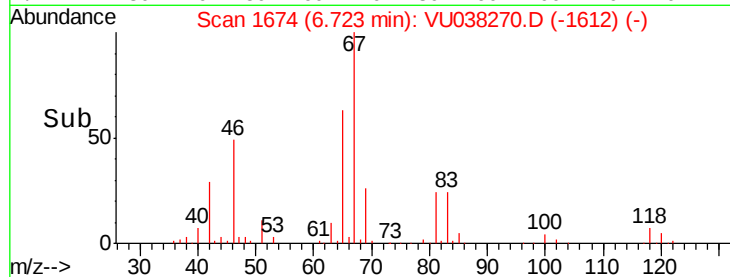
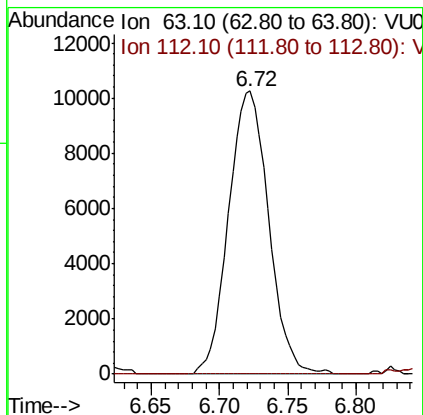
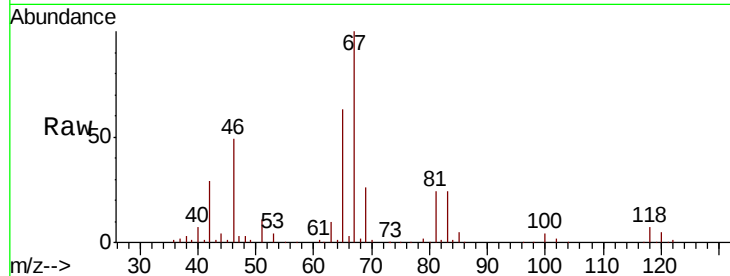




#37
 1,2-Dichloropropane
 Concen: 0.544 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038270.D
 Acq: 21 May 2020 17:25

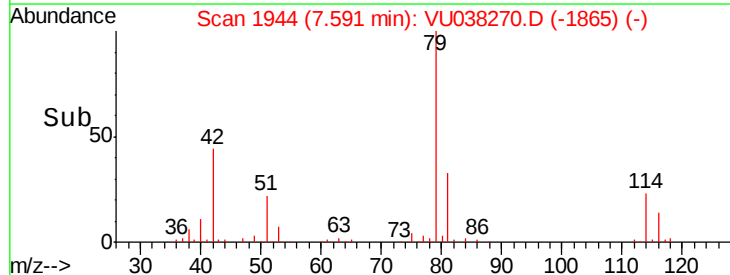
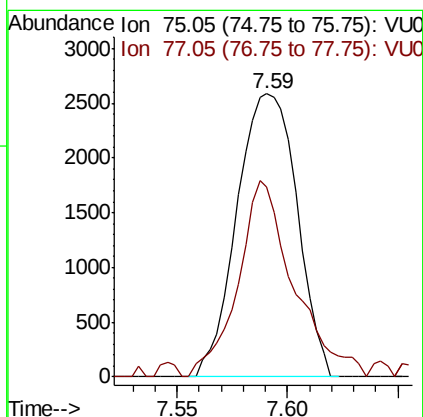
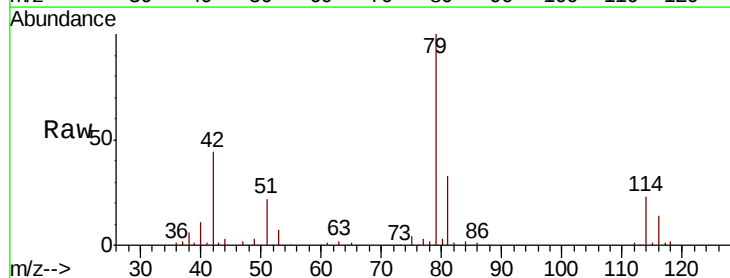
Instrument :
 MSVOA_U
 ClientSampleId :

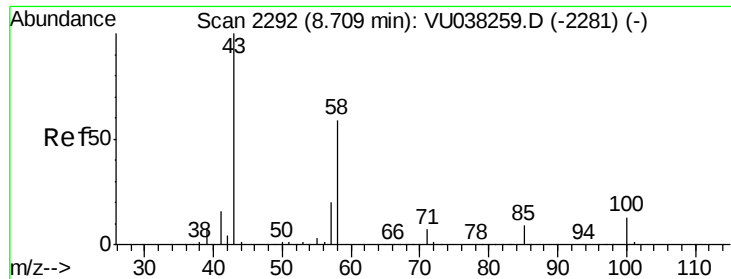
Tot Ion: 63 Resp: 20933
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038270.D
 Acq: 21 May 2020 17:25

Tgt Ion: 75 Resp: 4876
 Ion Ratio Lower Upper
 75 100
 77 67.2 22.4 41.6#

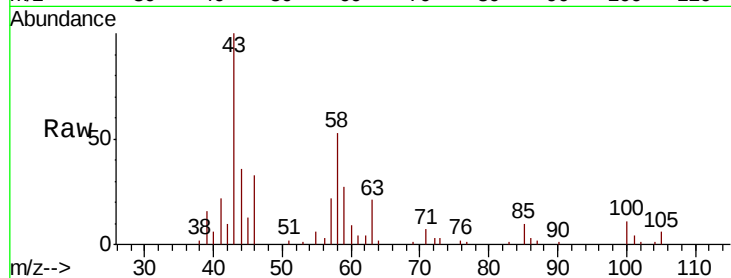




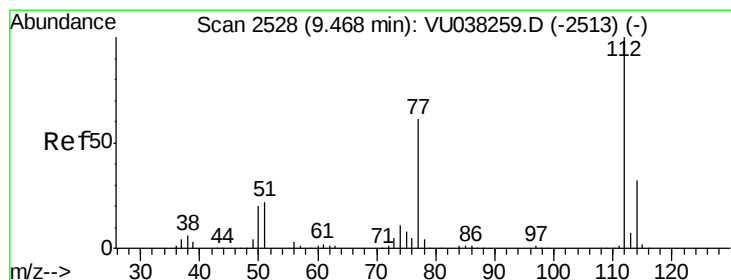
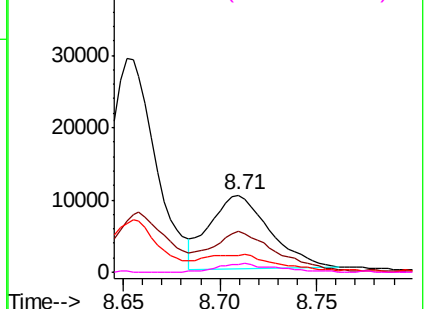
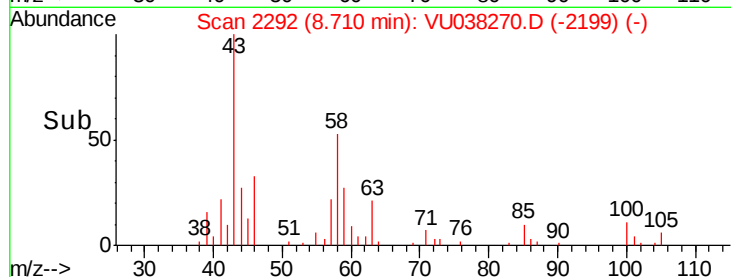
#48
2-Hexanone
Concen: 1.133 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 22134
Ion Ratio Lower Upper
43 100
58 55.5 45.2 67.8
57 3.9 15.5 23.3#
100 11.2 9.5 14.3

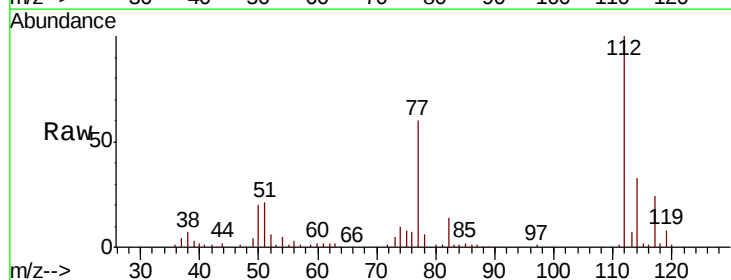


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

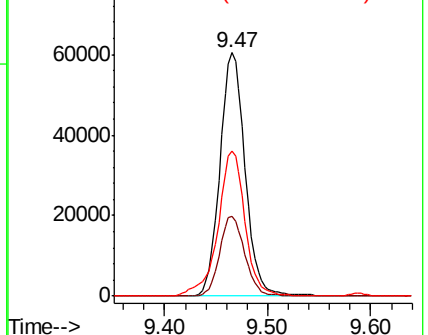
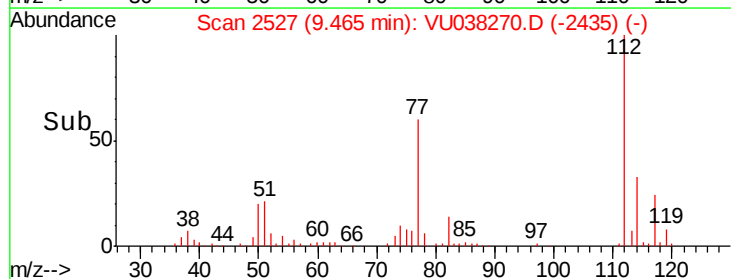


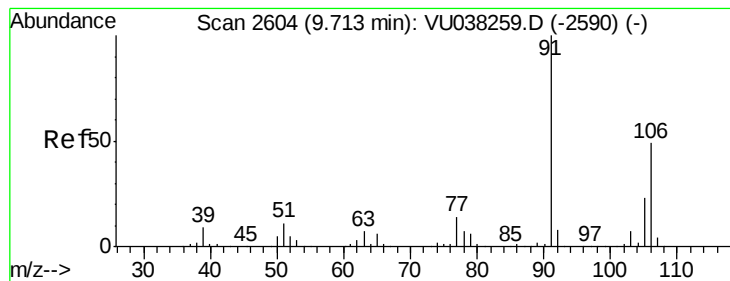
#51
Chlorobenzene
Concen: 1.107 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Tgt Ion: 112 Resp: 102684
Ion Ratio Lower Upper
112 100
114 33.0 22.5 41.7
77 59.7 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VU0





#53

m,p-Xylene

Concen: 0.161 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038270.D

Acq: 21 May 2020 17:25

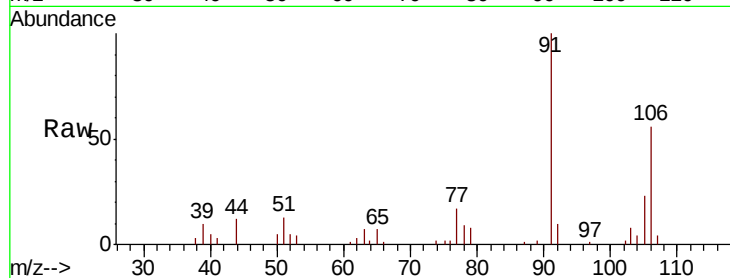
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 9988

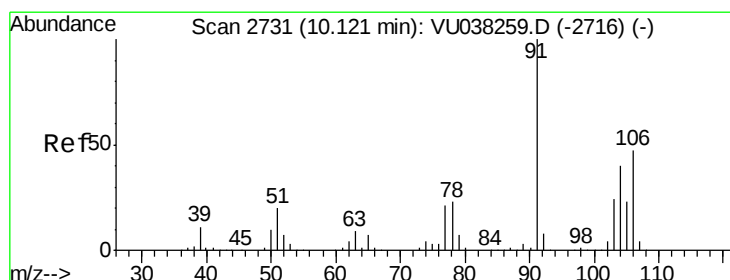
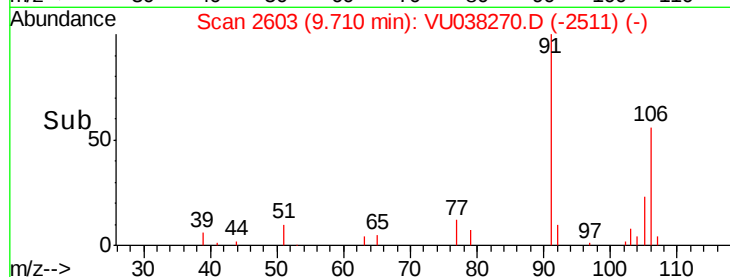
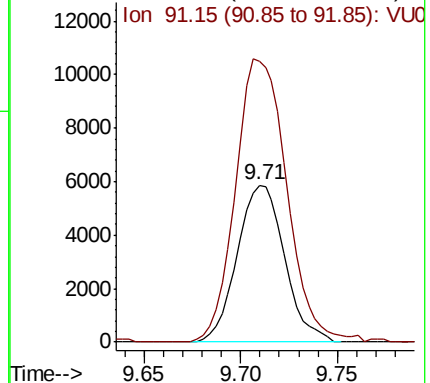
Ion Ratio Lower Upper

106 100

91 179.5 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.076 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.01 min

Lab File: VU038270.D

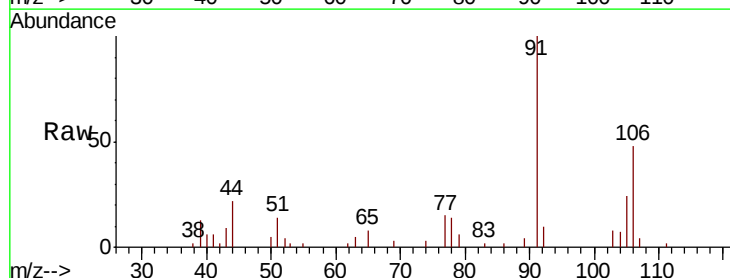
Acq: 21 May 2020 17:25

Tgt Ion:106 Resp: 4543

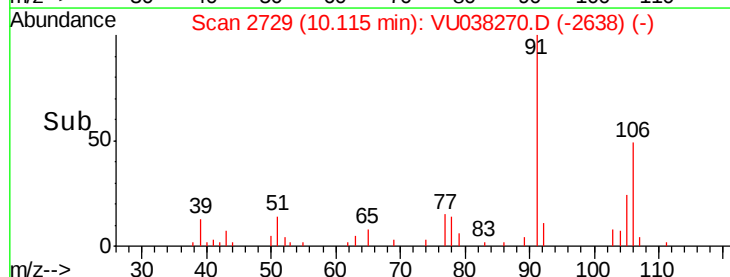
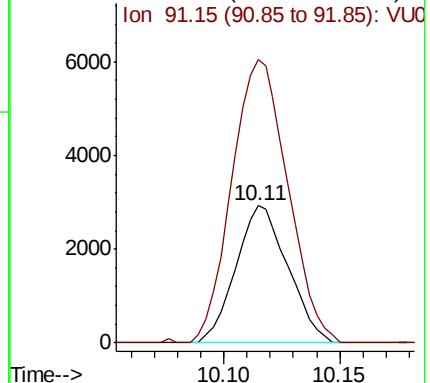
Ion Ratio Lower Upper

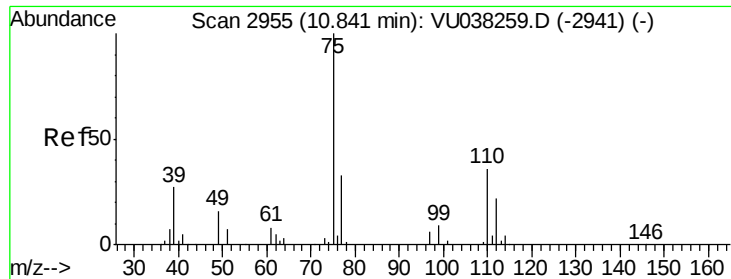
106 100

91 206.7 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

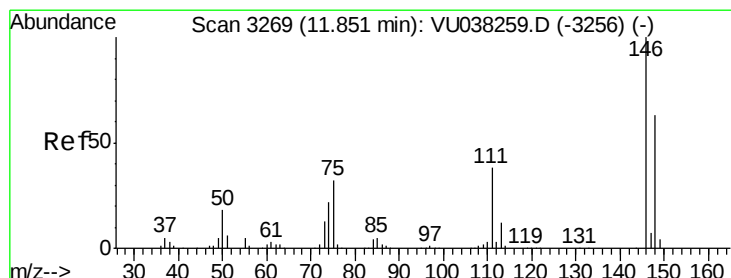
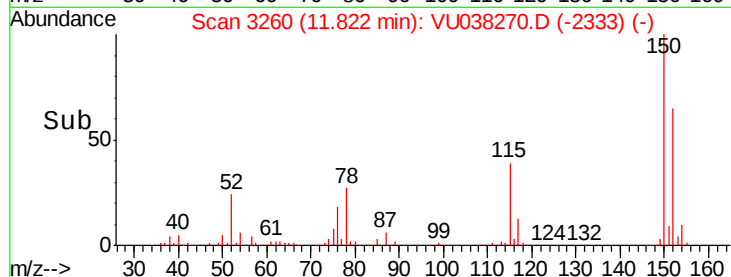
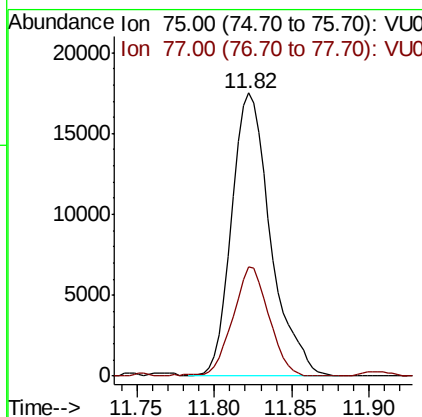
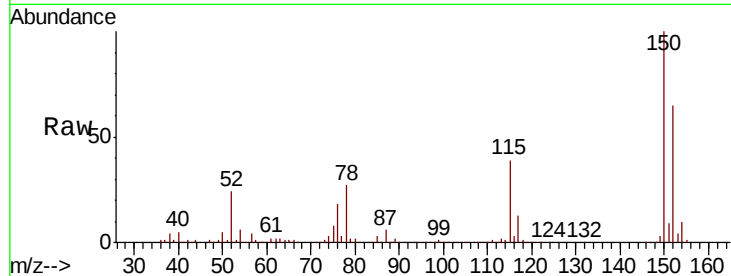




#59
 1,2,3-Trichloropropane
 Concen: 1.184 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038270.D
 Acq: 21 May 2020 17:25

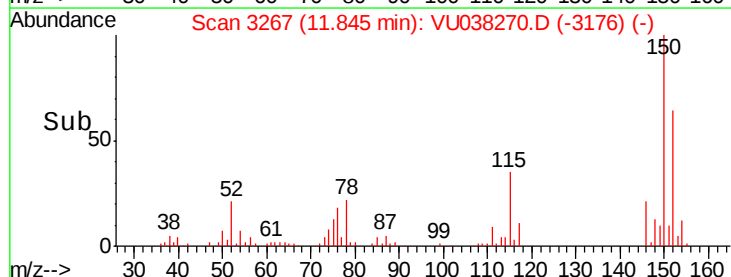
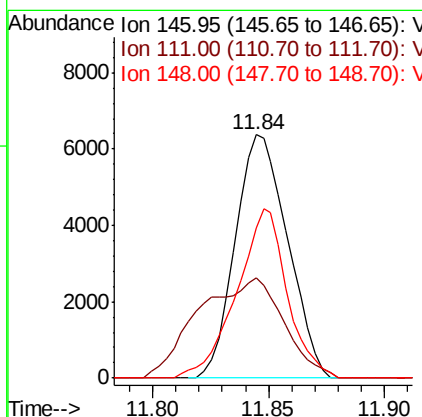
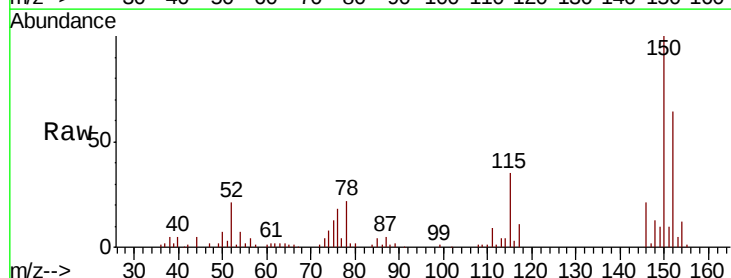
Instrument :
 MSVOA_U
 ClientSampleId :

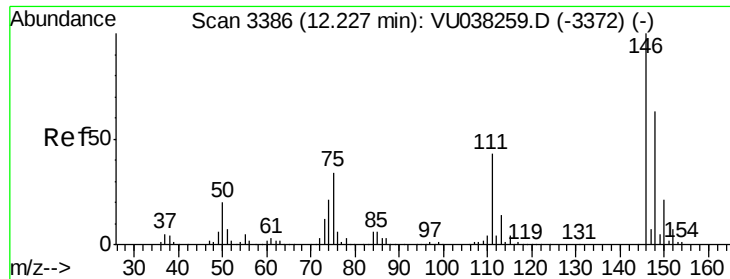
Tot Ion: 75 Resp: 30562
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.4 38.0



#63
 1,4-Dichlorobenzene
 Concen: 0.141 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. -0.01 min
 Lab File: VU038270.D
 Acq: 21 May 2020 17:25

Tgt Ion: 146 Resp: 9976
 Ion Ratio Lower Upper
 146 100
 111 41.1 27.2 50.6
 148 61.6 43.8 81.3





#65

1,2-Dichlorobenzene

Concen: 0.102 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038270.D

Acq: 21 May 2020 17:25

Instrument :

MSVOA_U

ClientSampled :

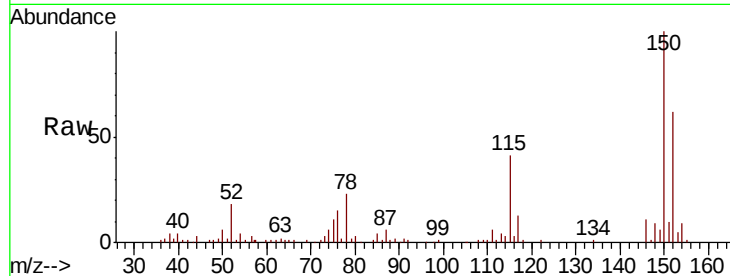
Tot Ion:146 Resp: 6869

Ion Ratio Lower Upper

146 100

111 51.1 35.3 52.9

148 80.6 51.0 76.4#

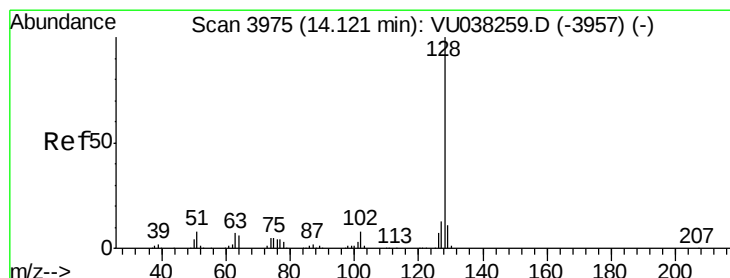
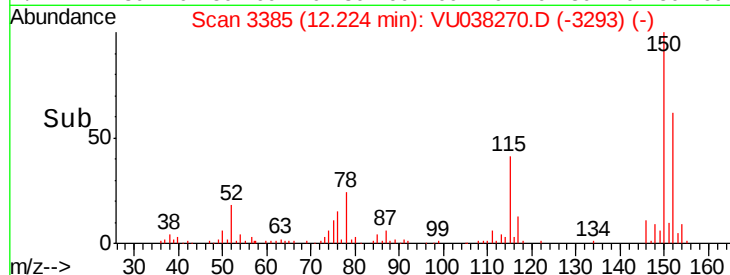
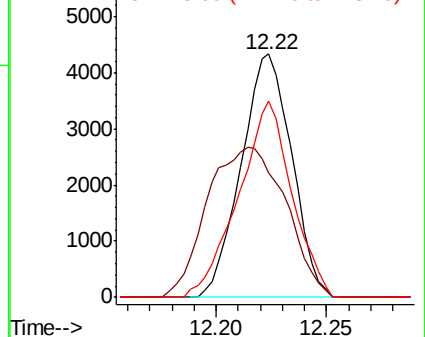


Abundance

Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#69

Naphthalene

Concen: 0.336 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038270.D

Acq: 21 May 2020 17:25

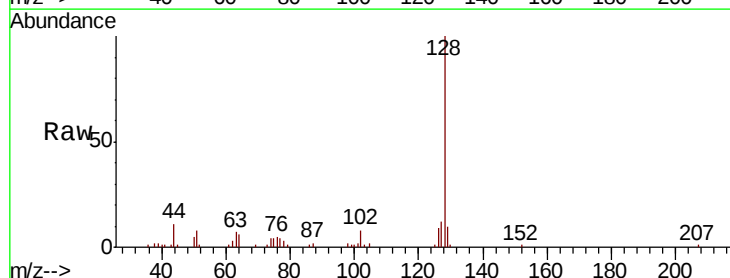
Tgt Ion:128 Resp: 32587

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 11.7 10.2 15.4



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

