

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038305.D
 Acq On : 26 May 2020 18:32
 Operator : JC/MD
 Sample : L2766-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 27 06:56:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	322563	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	319025	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93358	3.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.20%
7) Chloroethane-d5	1.93	69	85825	3.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.20%
11) 1,1-Dichloroethene-d2	2.59	63	144037	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.66	46	345427	47.45	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	5.10	84	203645	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.74	65	116828	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.76	84	419089	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	132871	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.92	98	379946	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	51113	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.65	63	264955	45.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105090	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	145036	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

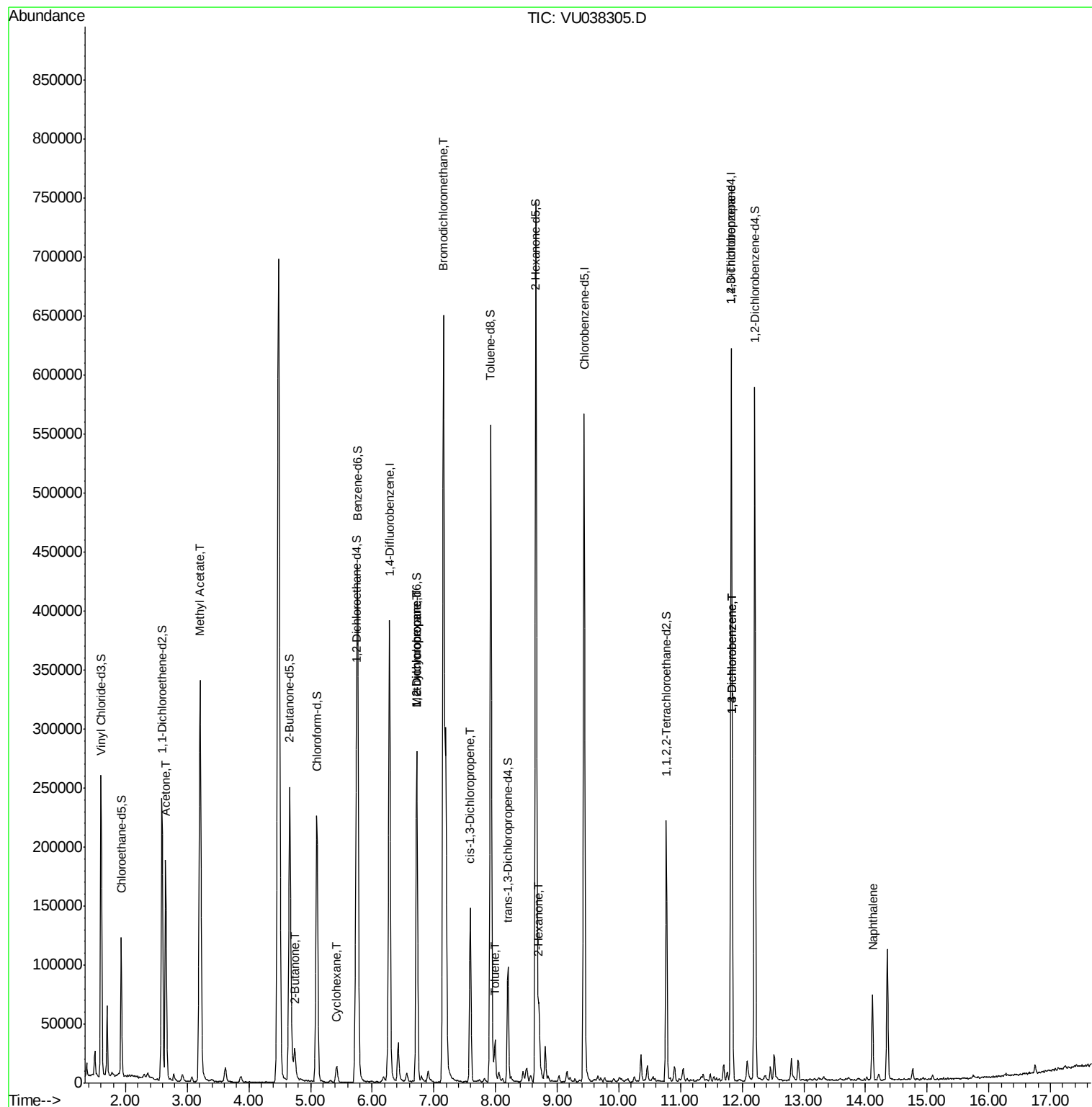
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	202827	44.410	ug/L	97
15) Methyl Acetate	3.21	43	59274	4.639	ug/L #	53
21) 2-Butanone	4.74	43	34214	4.244	ug/L	99
30) Cyclohexane	5.42	56	6453	0.150	ug/L	89
35) Methylcyclohexane	6.72	83	30805	0.744	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13852	0.499	ug/L #	88
38) Bromodichloromethane	7.15	83	6765	0.211	ug/L #	1
39) cis-1,3-Dichloropropene	7.59	75	3502	0.088	ug/L #	68
42) Toluene	7.99	91	22052	0.204	ug/L	100
48) 2-Hexanone	8.71	43	32993	2.342	ug/L #	96
59) 1,2,3-Trichloropropane	11.83	75	24318	1.306	ug/L	96
62) 1,3-Dichlorobenzene	11.85	146	11431	0.230	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	11431	0.227	ug/L	95
69) Naphthalene	14.11	128	55466	0.805	ug/L	99

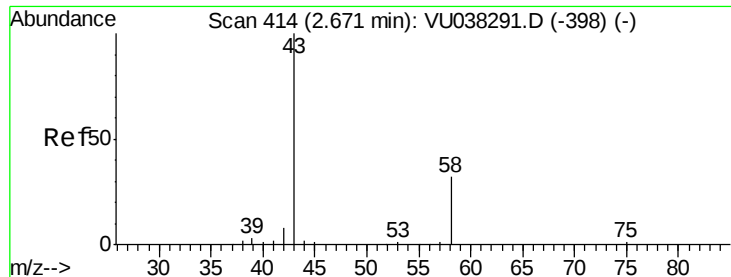
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: May 27 06:56:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 44.410 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.02 min

Lab File: VU038305.D

Acq: 26 May 2020 18:32

Instrument :

MSVOA_U

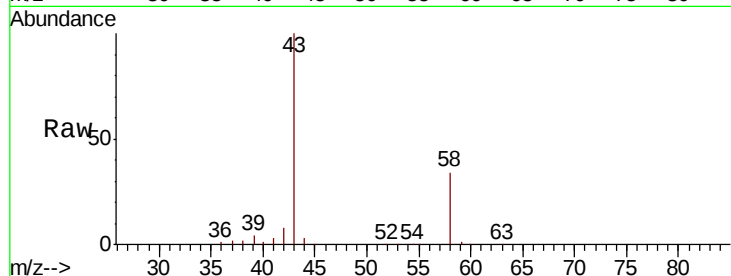
ClientSampled :

Tot Ion: 43 Resp: 202827

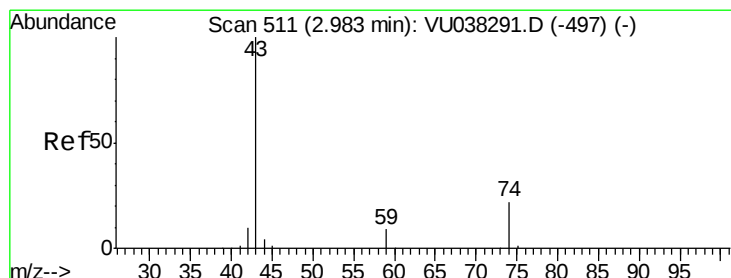
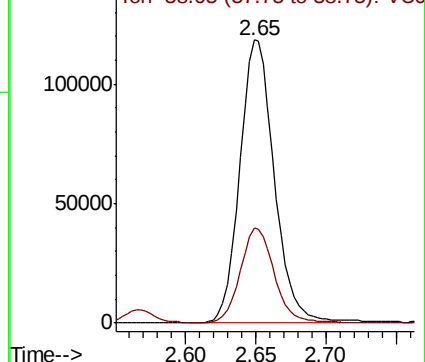
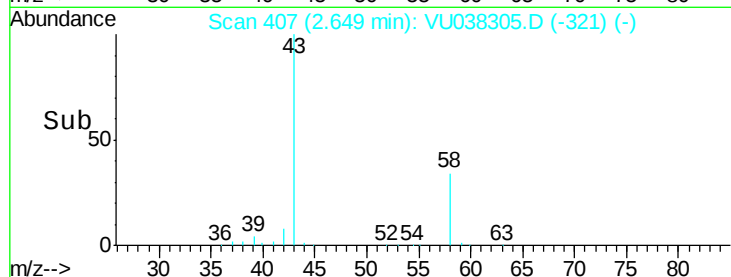
Ion Ratio Lower Upper

43 100

58 33.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038305.D (-321) (-)



#15

Methyl Acetate

Concen: 4.639 ug/L

RT: 3.21 min Scan# 581

Delta R.T. 0.23 min

Lab File: VU038305.D

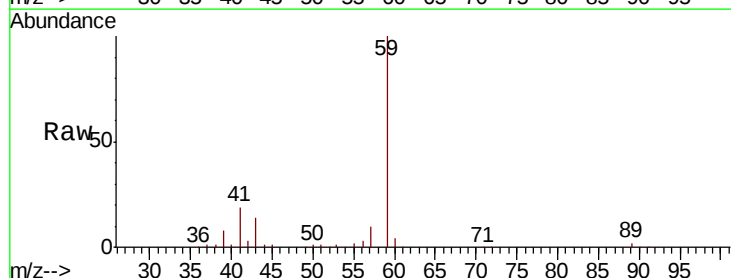
Acq: 26 May 2020 18:32

Tgt Ion: 43 Resp: 59274

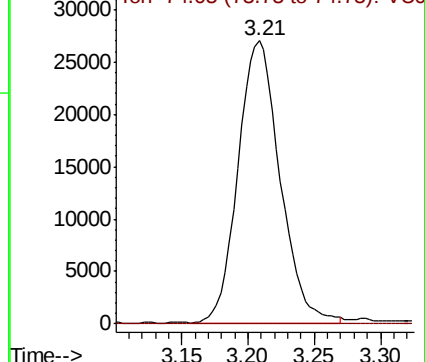
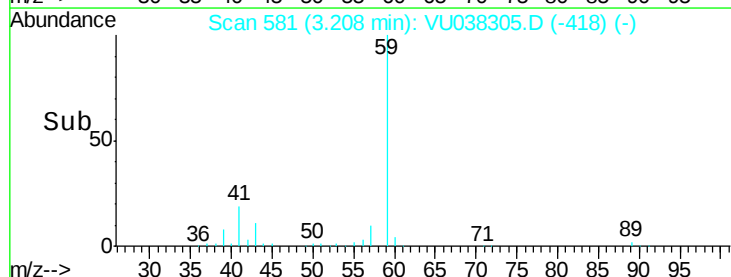
Ion Ratio Lower Upper

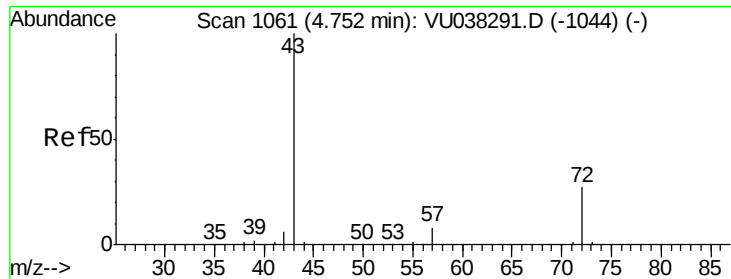
43 100

74 0.1 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU038305.D (-418) (-)





#21

2-Butanone

Concen: 4.244 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. -0.01 min

Lab File: VU038305.D

Acq: 26 May 2020 18:32

Instrument :

MSVOA_U

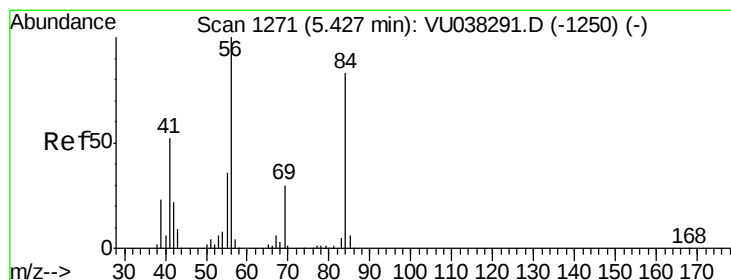
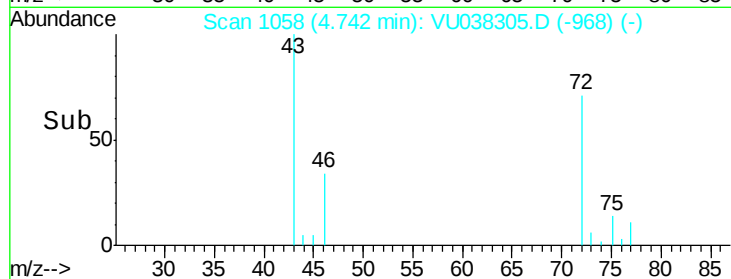
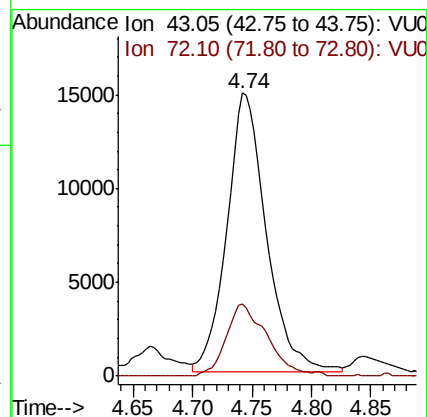
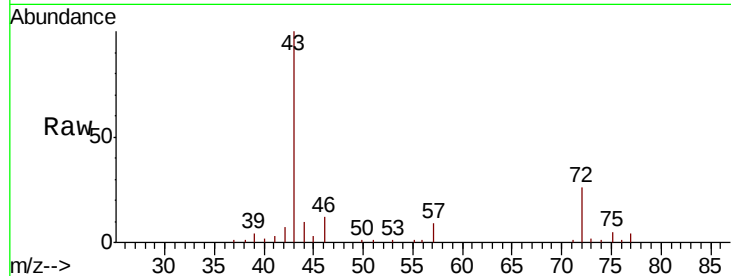
ClientSampleId :

Tot Ion: 43 Resp: 34214

Ion Ratio Lower Upper

43 100

72 26.6 13.5 40.4



#30

Cyclohexane

Concen: 0.150 ug/L

RT: 5.42 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VU038305.D

Acq: 26 May 2020 18:32

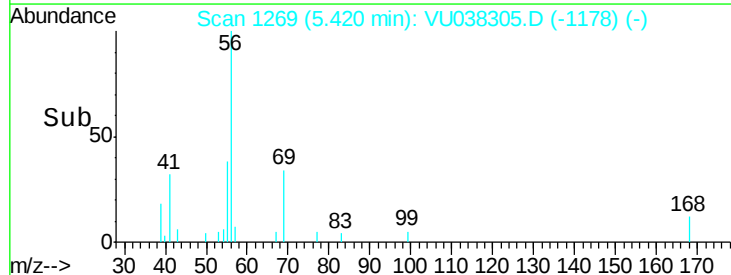
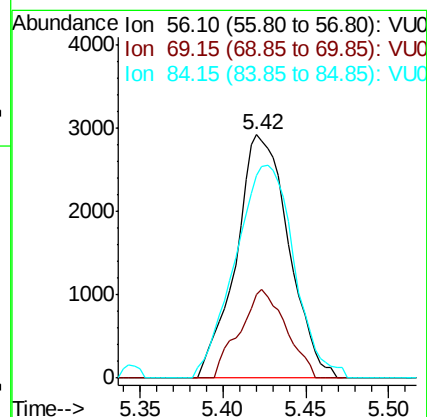
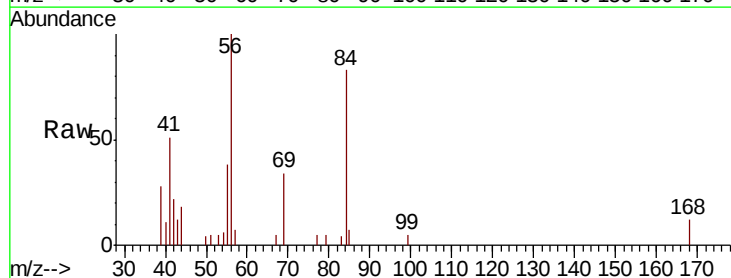
Tgt Ion: 56 Resp: 6453

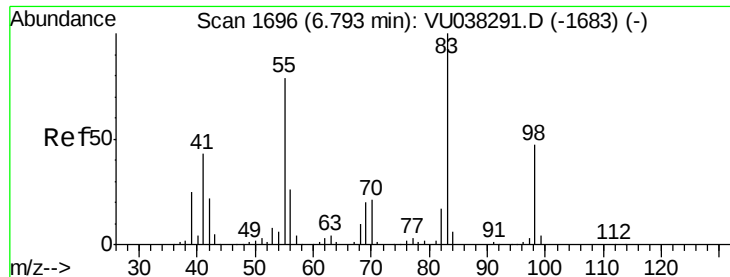
Ion Ratio Lower Upper

56 100

69 31.8 24.2 36.4

84 98.1 68.5 102.7

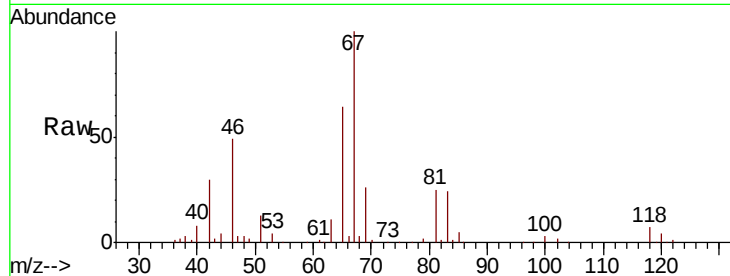




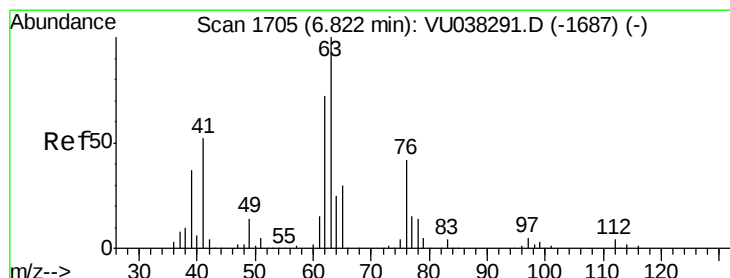
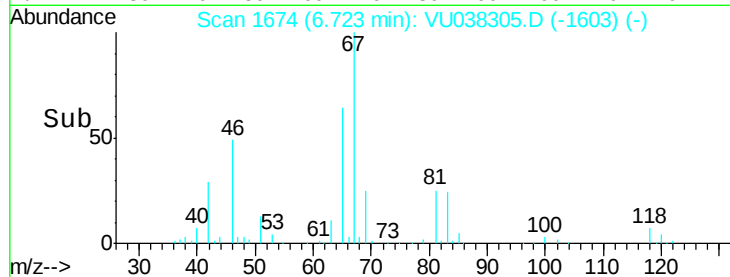
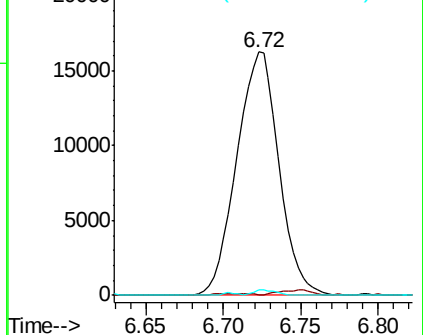
#35
Methvlcvclohexane
Concen: 0.744 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038305.D
Acq: 26 May 2020 18:32

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 30805
Ion Ratio Lower Upper
83 100
55 1.7 66.7 100.1#
98 1.2 39.4 59.2#

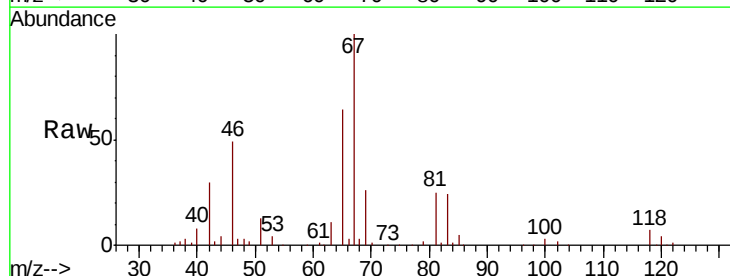


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

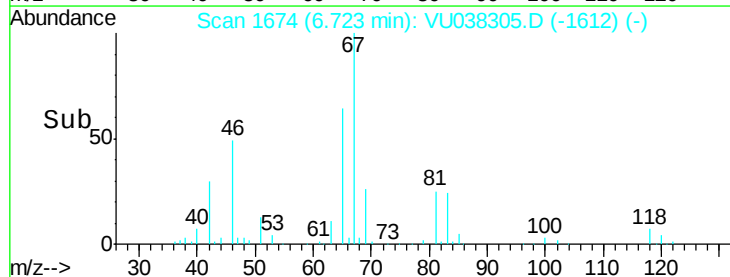
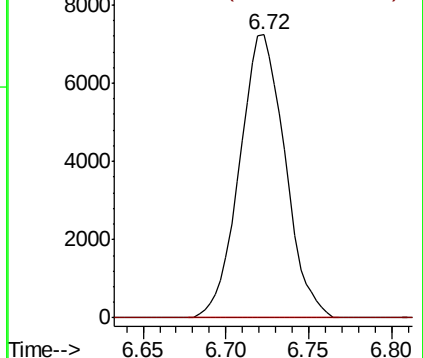


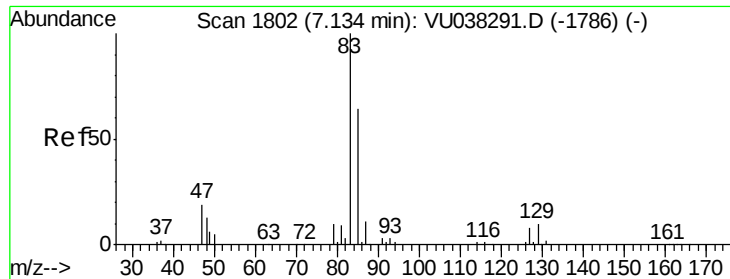
#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038305.D
Acq: 26 May 2020 18:32

Tgt Ion: 63 Resp: 13852
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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





#38

Bromodichloromethane

Concen: 0.211 ug/L

RT: 7.15 min Scan# 1808

Delta R.T. 0.02 min

Lab File: VU038305.D

Acq: 26 May 2020 18:32

Instrument :

MSVOA_U

ClientSampleId :

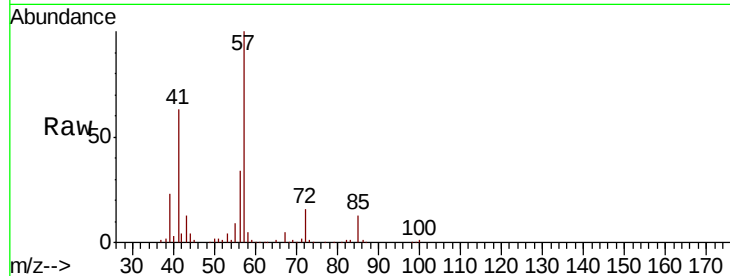
Tot Ion: 83 Resp: 6765

Ion Ratio Lower Upper

83 100

85 913.8 44.6 82.8#

127 0.0 6.4 9.6#

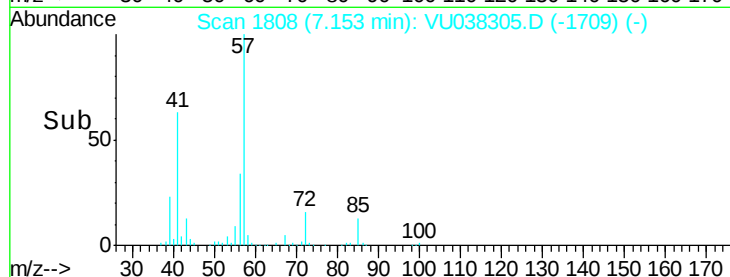


Abundance Ion 82.95 (82.65 to 83.65): VU038291.D (-1786) (-)

Ion 85.00 (84.70 to 85.70): VU038291.D (-1786) (-)

Ion 126.90 (126.60 to 127.60): VU038291.D (-1786) (-)

Time-->

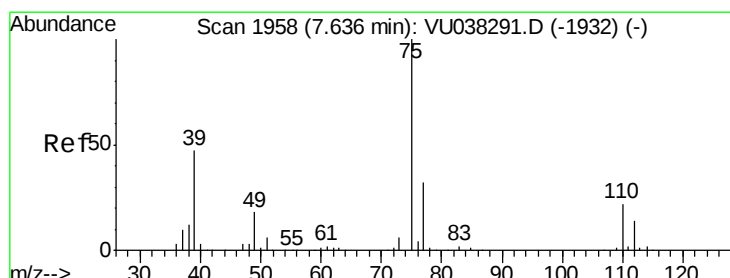


Abundance Ion 82.95 (82.65 to 83.65): VU038291.D (-1786) (-)

Ion 85.00 (84.70 to 85.70): VU038291.D (-1786) (-)

Ion 126.90 (126.60 to 127.60): VU038291.D (-1786) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038305.D

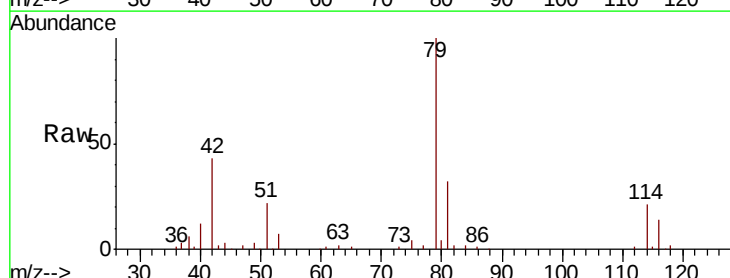
Acq: 26 May 2020 18:32

Tgt Ion: 75 Resp: 3502

Ion Ratio Lower Upper

75 100

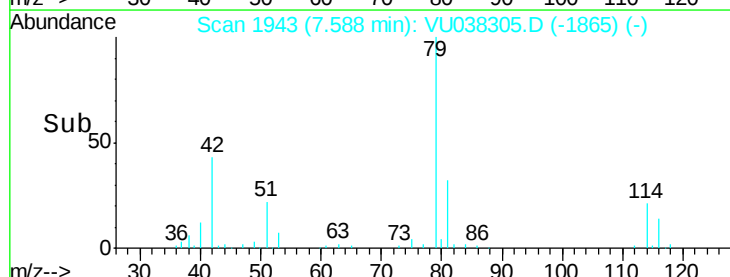
77 50.0 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038291.D (-1932) (-)

Ion 77.05 (76.75 to 77.75): VU038291.D (-1932) (-)

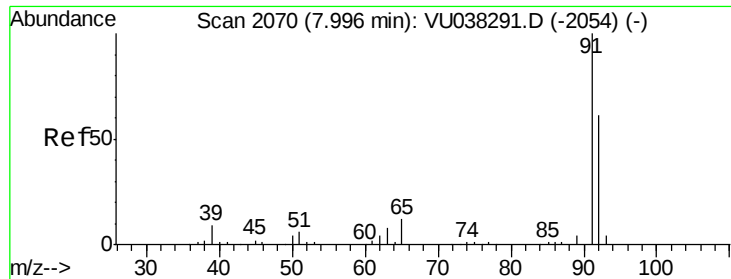
Time-->



Abundance Ion 75.05 (74.75 to 75.75): VU038291.D (-1932) (-)

Ion 77.05 (76.75 to 77.75): VU038291.D (-1932) (-)

Time-->



#42

Toluene

Concen: 0.204 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038305.D

Acq: 26 May 2020 18:32

Instrument :

MSVOA_U

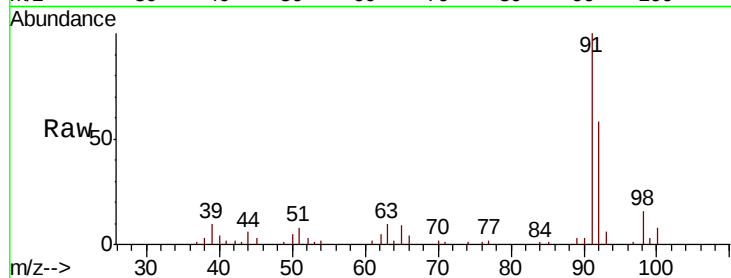
ClientSampled :

Tot Ion: 91 Resp: 22052

Ion Ratio Lower Upper

91 100

92 58.4 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU038291.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038291.D (-2054) (-)

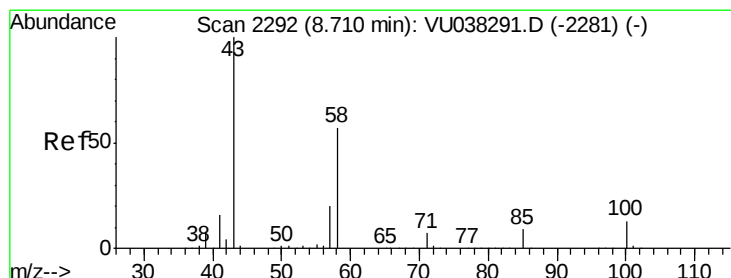
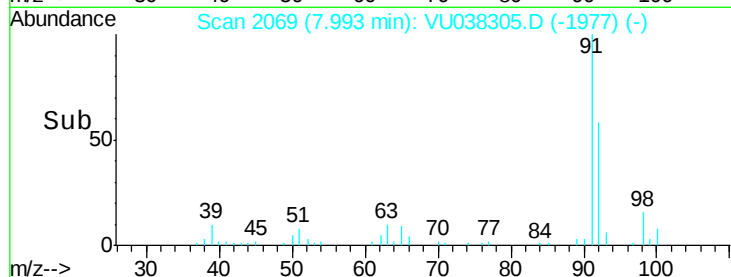
7.99

10000

5000

0

Time-->



#48

2-Hexanone

Concen: 2.342 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038305.D

Acq: 26 May 2020 18:32

Tgt Ion: 43 Resp: 32993

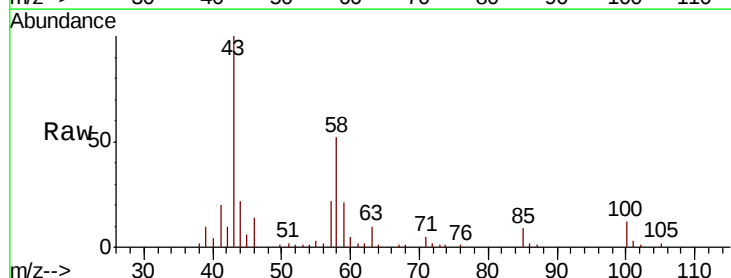
Ion Ratio Lower Upper

43 100

58 54.2 45.2 67.8

57 23.6 15.5 23.3#

100 12.0 9.5 14.3



Abundance Ion 43.05 (42.75 to 43.75): VU038291.D (-2281) (-)

Ion 58.05 (57.75 to 58.75): VU038291.D (-2281) (-)

Ion 57.20 (56.90 to 57.90): VU038291.D (-2281) (-)

Ion 100.15 (99.85 to 100.85): VU038291.D (-2281) (-)

8.71

25000

20000

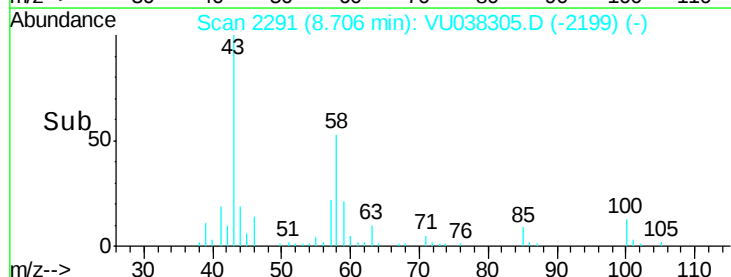
15000

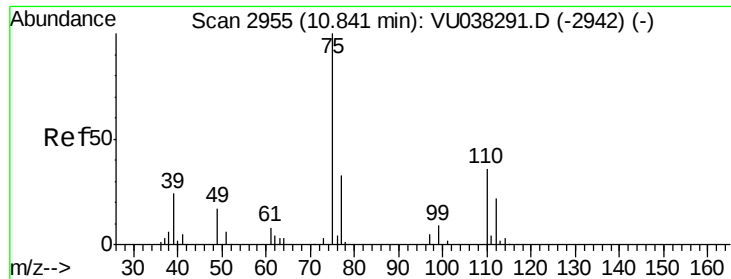
10000

5000

0

Time-->

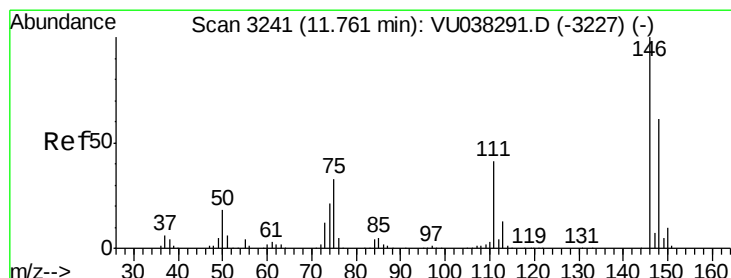
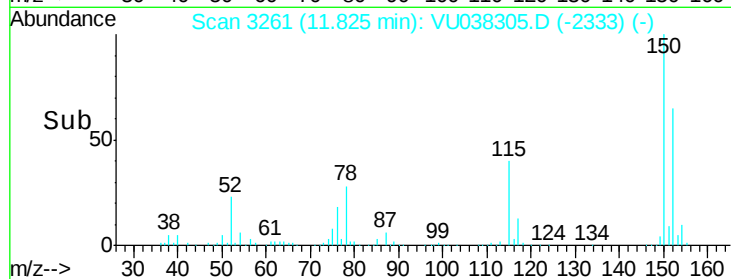
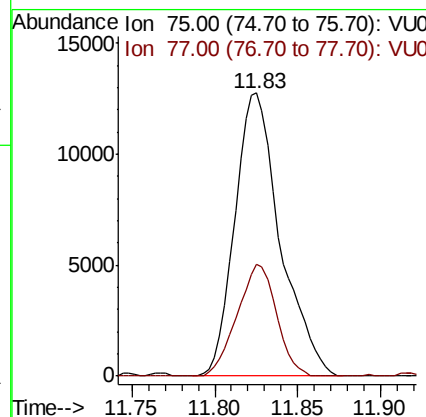
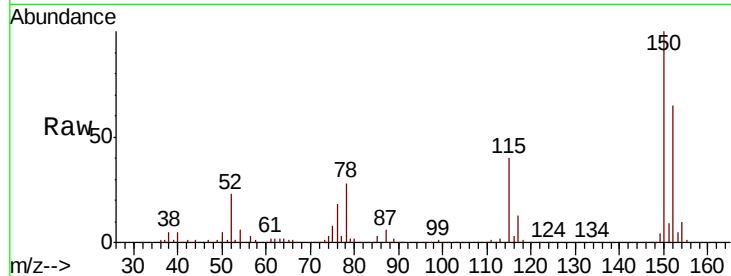




#59
 1,2,3-Trichloropropane
 Concen: 1.306 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038305.D
 Acq: 26 May 2020 18:32

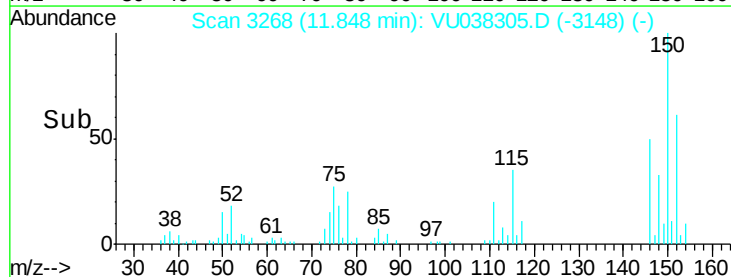
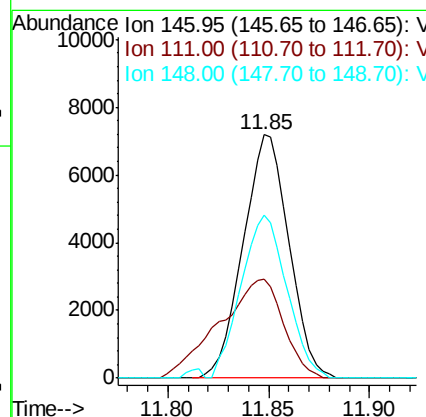
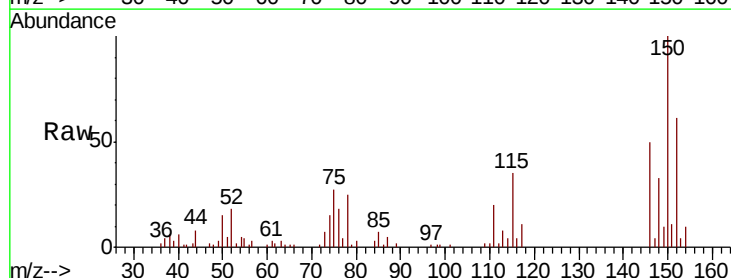
Instrument :
 MSVOA_U
 ClientSampled :

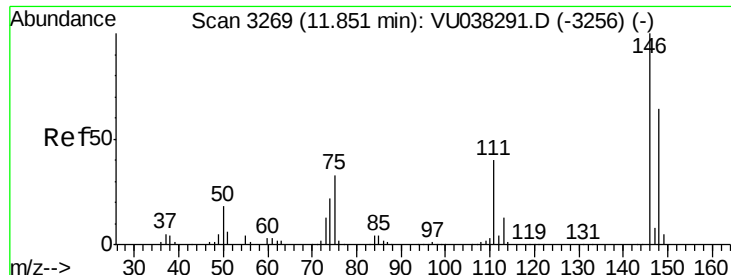
Tot Ion: 75 Resp: 24318
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.0



#62
 1,3-Dichlorobenzene
 Concen: 0.230 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 0.09 min
 Lab File: VU038305.D
 Acq: 26 May 2020 18:32

Tgt Ion: 146 Resp: 11431
 Ion Ratio Lower Upper
 146 100
 111 40.7 28.6 53.2
 148 66.8 45.2 84.0





#63

1,4-Dichlorobenzene

Concen: 0.227 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038305.D

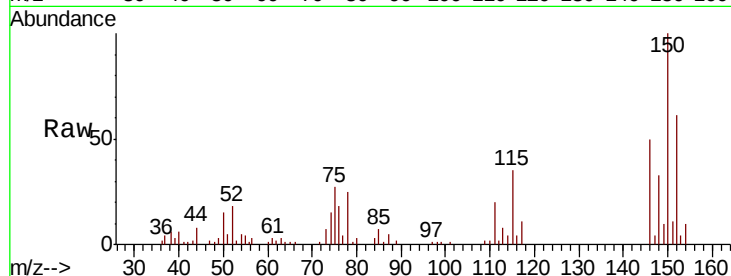
Acq: 26 May 2020 18:32

Instrument :

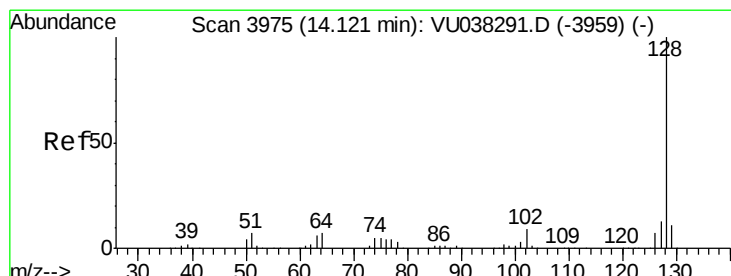
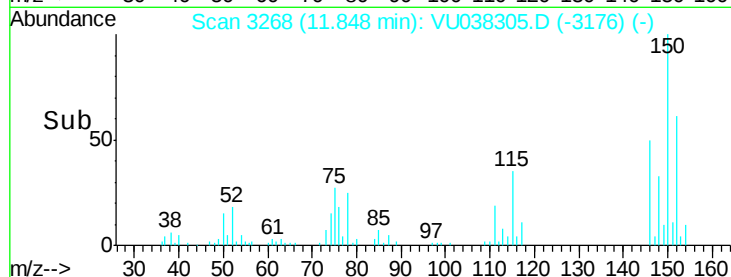
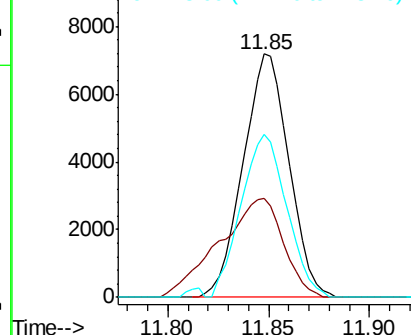
MSVOA_U

ClientSampleId :

Tot Ion:146	Resp:	11431
Ion Ratio	Lower	Upper
146	100	
111	40.7	27.2 50.6
148	66.8	43.8 81.3



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: 0.805 ug/L

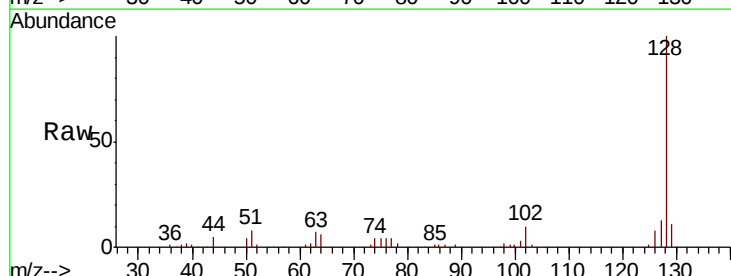
RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038305.D

Acq: 26 May 2020 18:32

Tgt Ion:128	Resp:	55466
Ion Ratio	Lower	Upper
128	100	
129	10.6	8.7 13.1
127	13.3	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

