

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052120\
 Data File : VU038262.D
 Acq On : 21 May 2020 14:21
 Operator : JC/MD
 Sample : L2724-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W5

Quant Time: May 21 16:45:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 16:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	360731	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	354543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102815	3.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.40%
7) Chloroethane-d5	1.93	69	115017	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.59	63	149367	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.67	46	468620	57.56	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.12%
24) Chloroform-d	5.10	84	231695	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.74	65	143131	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.76	84	483881	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.72	67	160308	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.92	98	416619	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.20	79	56429	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.65	63	378541	58.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.72%
57) 1,1,1,2,2-Tetrachloroethane-	10.77	84	135753	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	157263	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

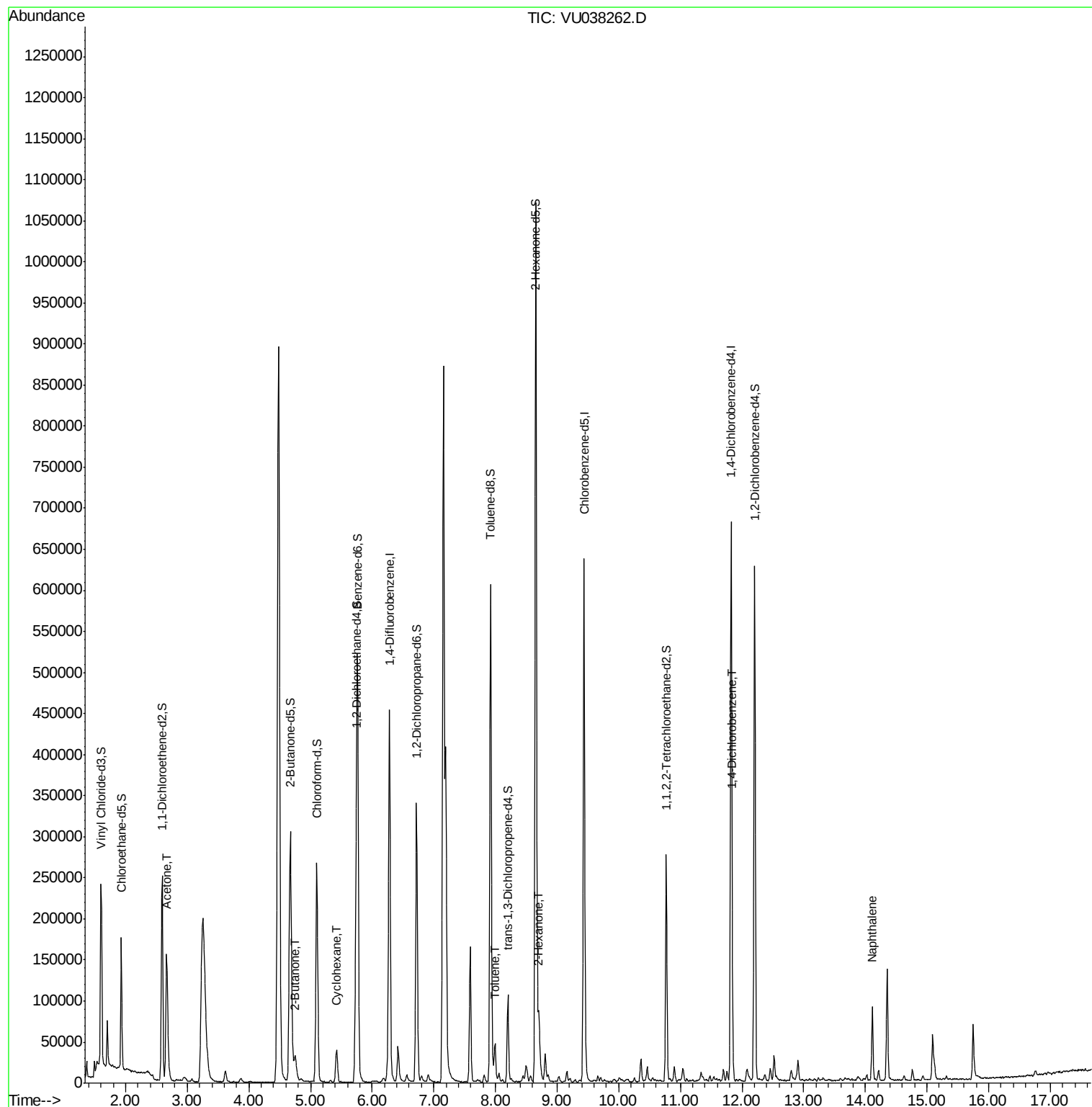
					Ovalue
13) Acetone	2.67	43	229823	44.996	ug/L 99
21) 2-Butanone	4.75	43	38326	4.251	ug/L 93
30) Cyclohexane	5.42	56	18668	0.389	ug/L 94
42) Toluene	7.99	91	28544	0.238	ug/L 95
48) 2-Hexanone	8.71	43	48801	3.118	ug/L 94
63) 1,4-Dichlorobenzene	11.85	146	14212	0.256	ug/L 91
69) Naphthalene	14.11	128	68300	0.899	ug/L 98

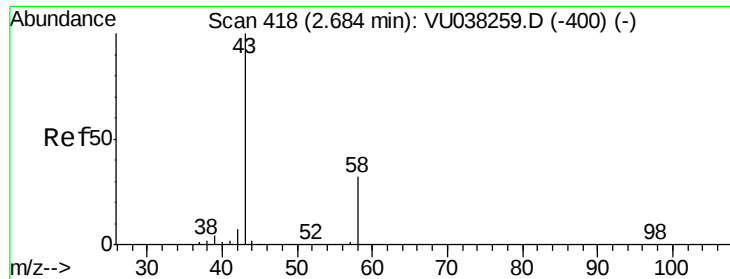
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 44.996 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038262.D

Acq: 21 May 2020 14:21

Instrument :

MSVOA_U

ClientSampled :

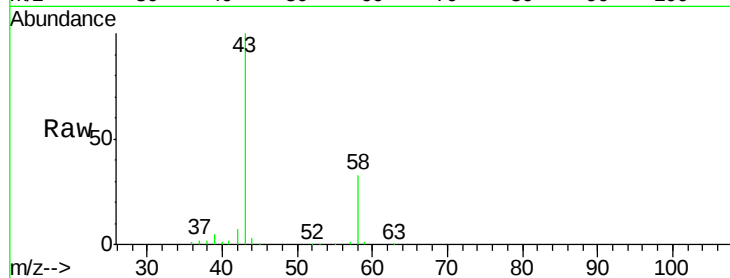
BE4W5

Tot Ion: 43 Resp: 229823

Ion Ratio Lower Upper

43 100

58 32.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038262.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU038262.D (-325) (-)

2.67

100000

80000

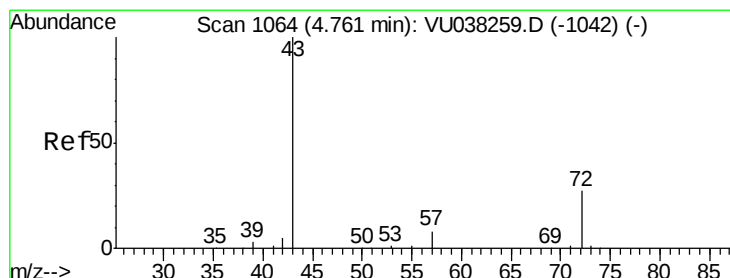
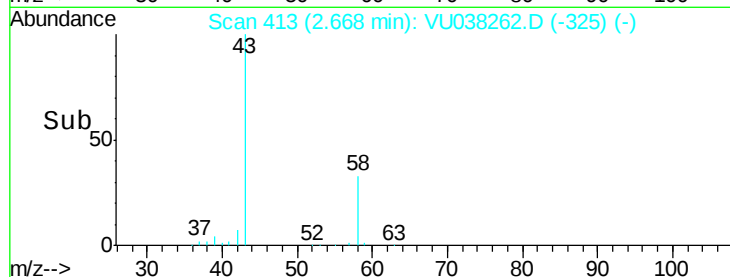
60000

40000

20000

0

Time-->



#21

2-Butanone

Concen: 4.251 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU038262.D

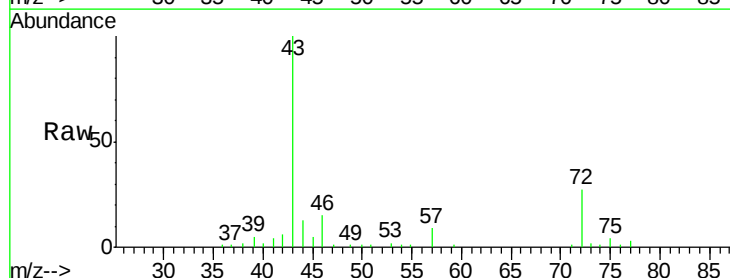
Acq: 21 May 2020 14:21

Tgt Ion: 43 Resp: 38326

Ion Ratio Lower Upper

43 100

72 30.6 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038262.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU038262.D (-971) (-)

4.75

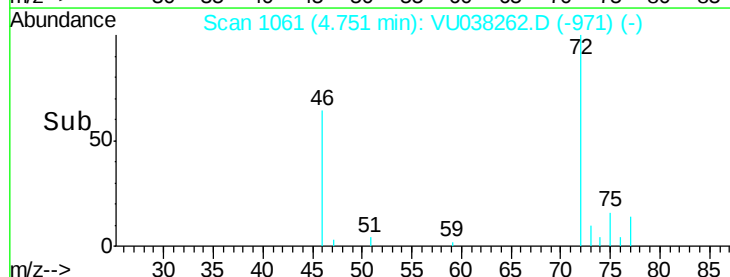
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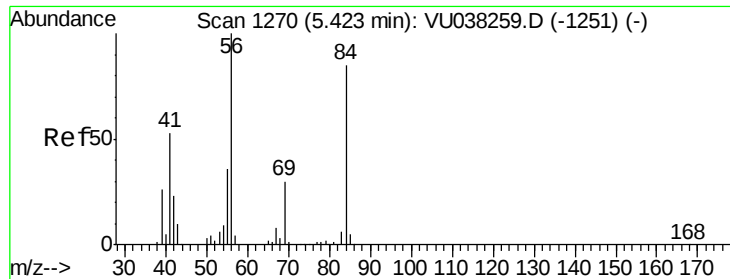
10000

5000

0

Time-->

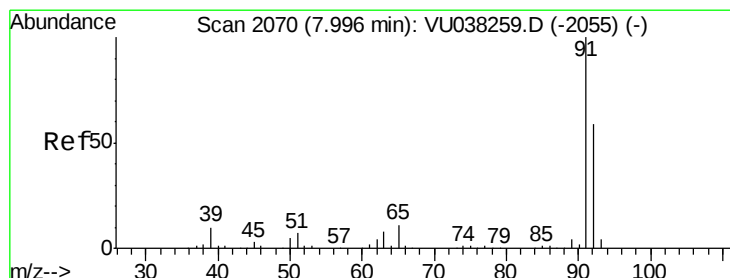
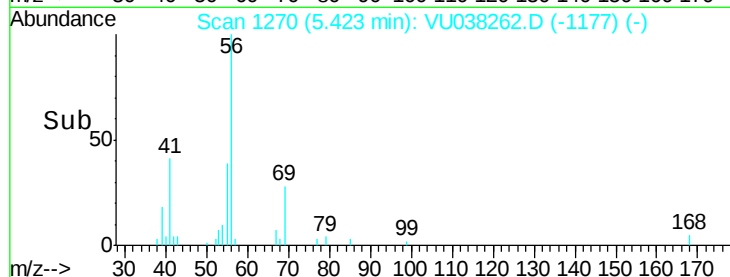
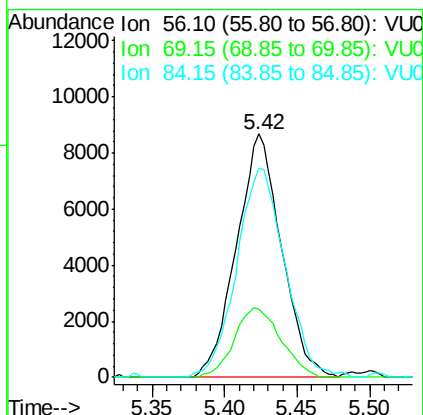
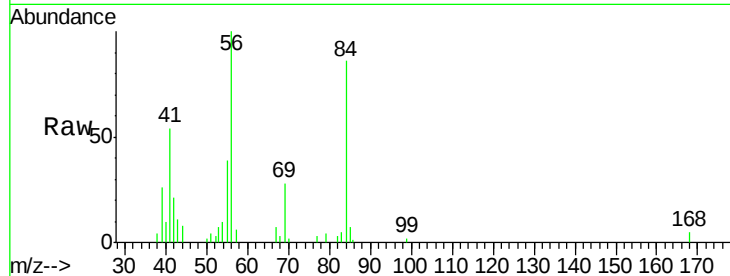




#30
Cyclohexane
Concen: 0.389 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038262.D
Acq: 21 May 2020 14:21

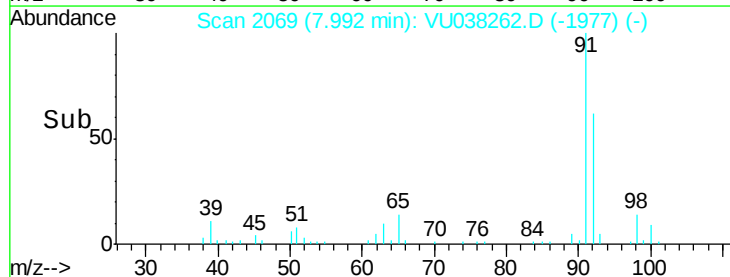
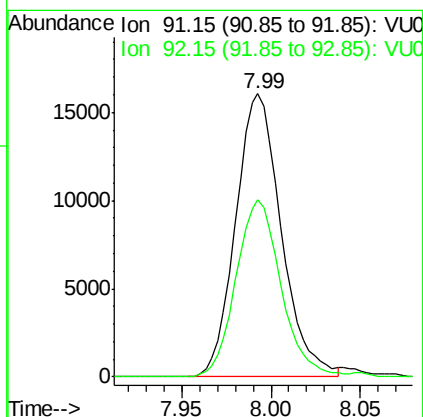
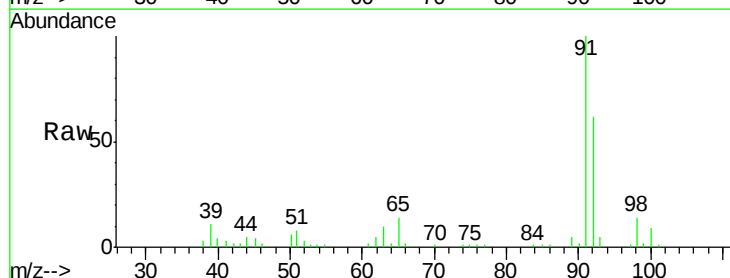
Instrument :
MSVOA_U
ClientSampleId :
BE4W5

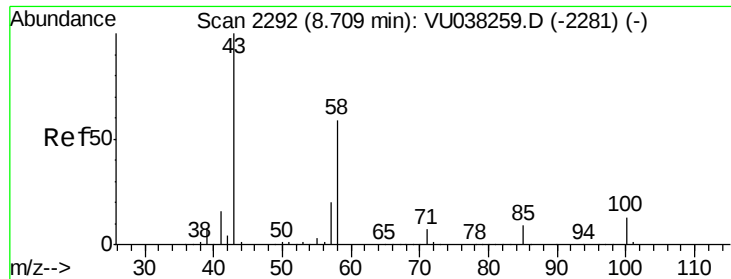
Tot Ion	56	Resp	18668
Ion Ratio	Lower	Upper	
56	100		
69	29.7	24.2	36.4
84	92.3	68.5	102.7



#42
Toluene
Concen: 0.238 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038262.D
Acq: 21 May 2020 14:21

Tgt Ion	91	Resp	28544
Ion Ratio	Lower	Upper	
91	100		
92	62.4	40.9	75.9

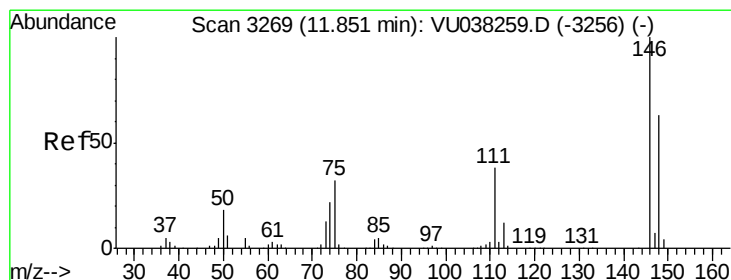
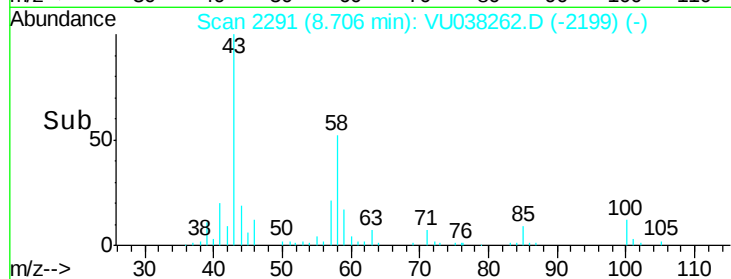
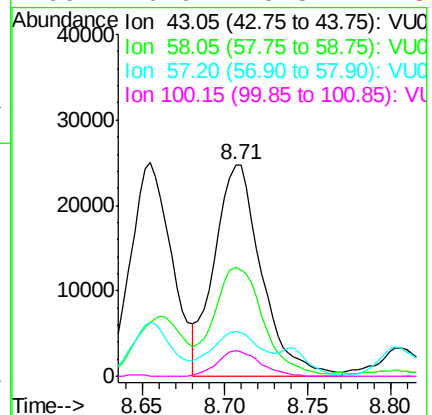
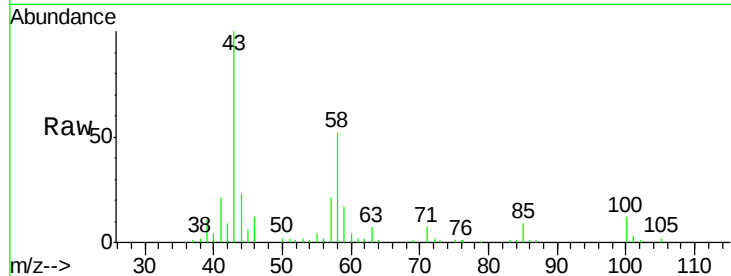




#48
 2-Hexanone
 Concen: 3.118 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038262.D
 Acq: 21 May 2020 14:21

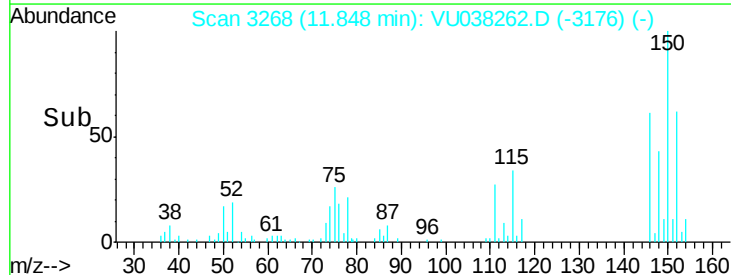
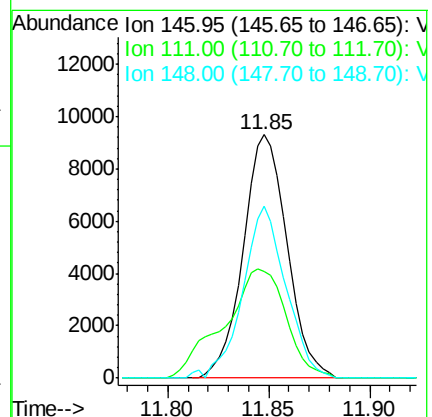
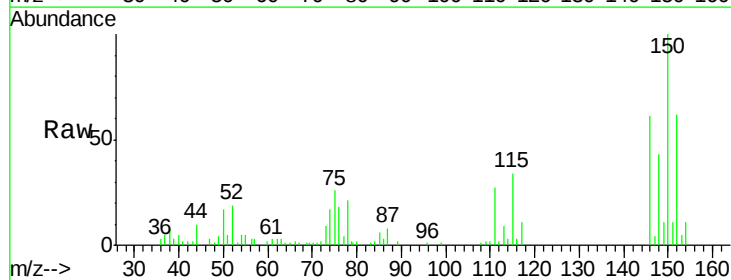
Instrument :
 MSVOA_U
 ClientSampleID :
 BE4W5

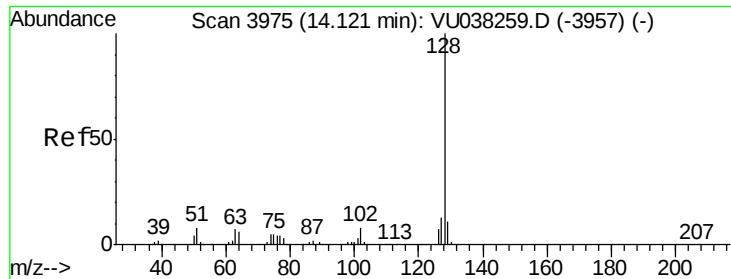
Tot Ion:	43	Resp:	48801
Ion	Ratio	Lower	Upper
43	100		
58	52.4	45.2	67.8
57	22.9	15.5	23.3
100	10.9	9.5	14.3



#63
 1,4-Dichlorobenzene
 Concen: 0.256 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038262.D
 Acq: 21 May 2020 14:21

Tgt Ion:	146	Resp:	14212
Ion	Ratio	Lower	Upper
146	100		
111	44.0	27.2	50.6
148	70.4	43.8	81.3





#69

Naphthalene

Concen: 0.899 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038262.D

Acq: 21 May 2020 14:21

Instrument :

MSVOA_U

ClientSampleId :

BE4W5

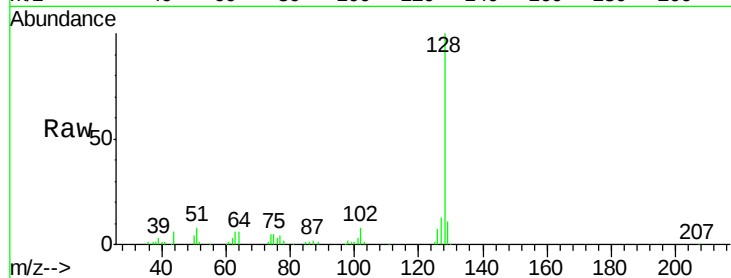
Tot Ion:128 Resp: 68300

Ion Ratio Lower Upper

128 100

129 11.7 8.7 13.1

127 13.9 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

