

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038263.D
 Acq On : 21 May 2020 14:44
 Operator : JC/MD
 Sample : L2724-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W4

Quant Time: May 21 16:49:32 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	357384	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	352881	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	166522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102558	3.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.80%
7) Chloroethane-d5	1.93	69	112059	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.59	63	151527	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.67	46	483766	59.98	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.96%
24) Chloroform-d	5.10	84	230373	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.74	65	140889	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.76	84	482773	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.72	67	160330	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.92	98	415822	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.20	79	57105	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.65	63	389846	60.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	134466	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	158357	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

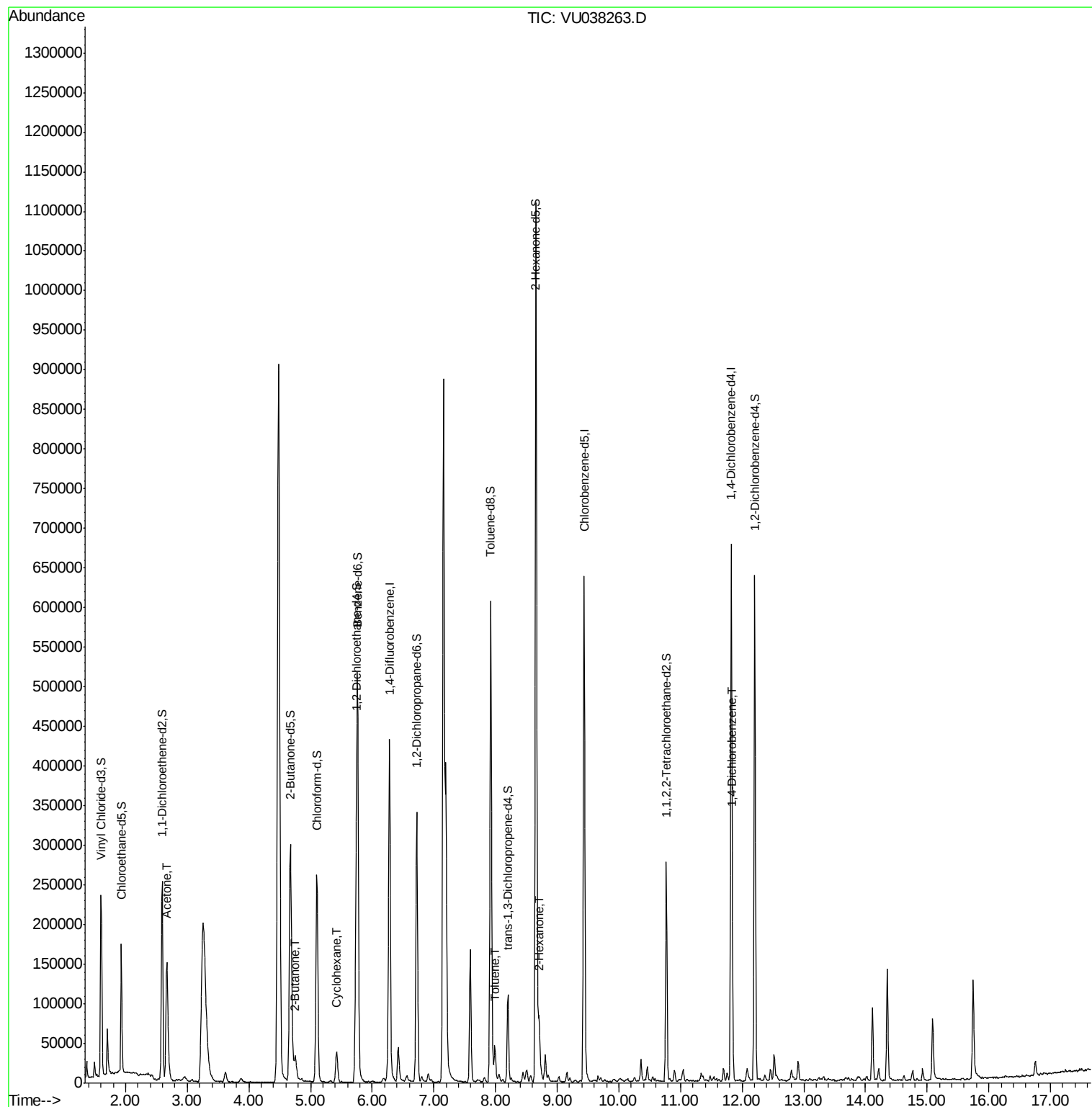
					Ovalue
13) Acetone	2.67	43	235025	46.446	ug/L 100
21) 2-Butanone	4.75	43	39769	4.453	ug/L 100
30) Cyclohexane	5.42	56	18840	0.395	ug/L 95
42) Toluene	7.99	91	29986	0.251	ug/L 97
48) 2-Hexanone	8.71	43	46035	2.955	ug/L 98
63) 1,4-Dichlorobenzene	11.85	146	13530	0.246	ug/L 89

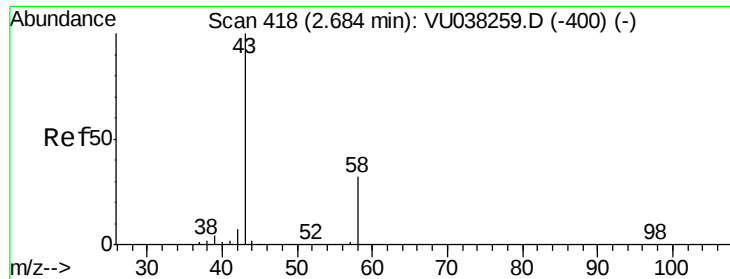
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 46.446 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038263.D

Acq: 21 May 2020 14:44

Instrument :

MSVOA_U

ClientSampled :

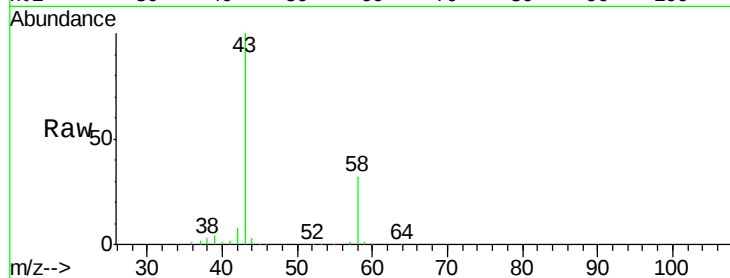
BE4W4

Tot Ion: 43 Resp: 235025

Ion Ratio Lower Upper

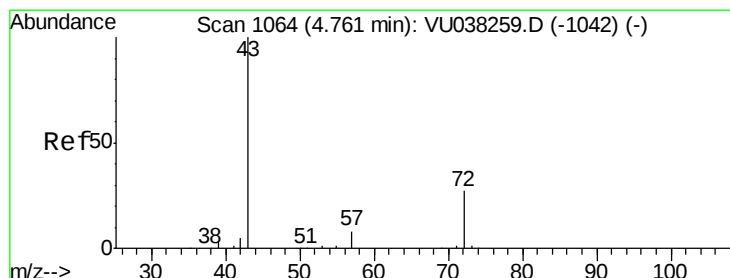
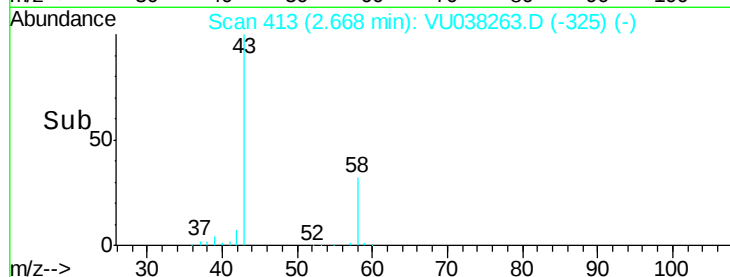
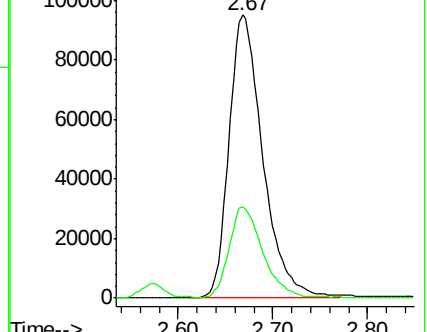
43 100

58 31.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038263.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU038263.D (-325) (-)



#21

2-Butanone

Concen: 4.453 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VU038263.D

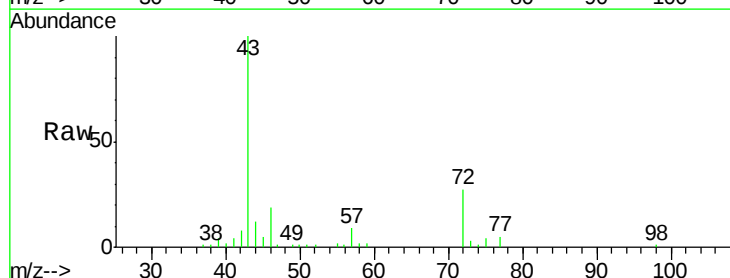
Acq: 21 May 2020 14:44

Tgt Ion: 43 Resp: 39769

Ion Ratio Lower Upper

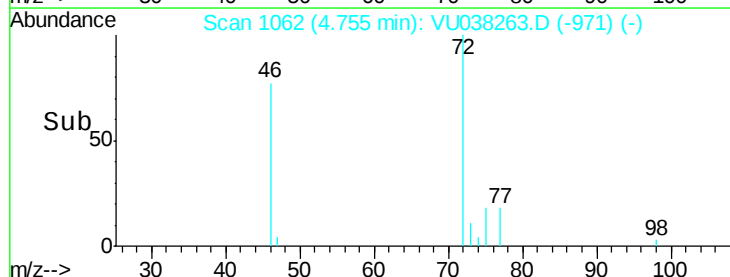
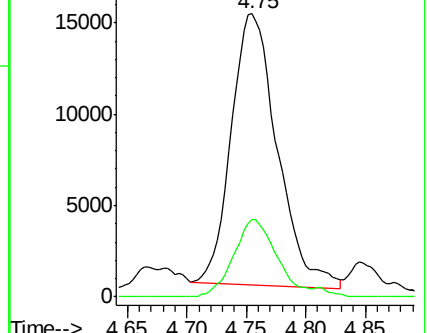
43 100

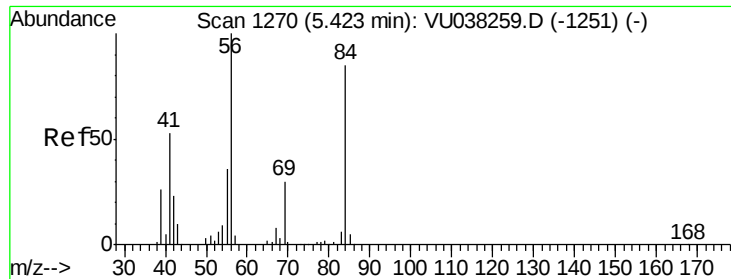
72 26.7 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038263.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU038263.D (-971) (-)

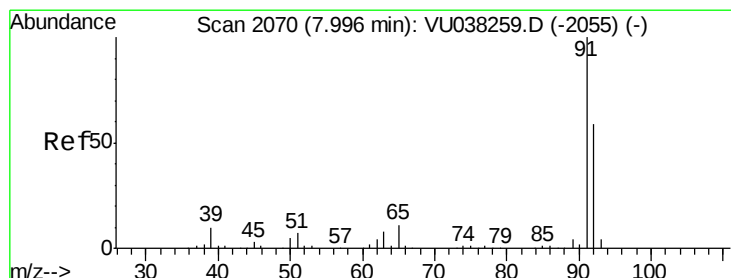
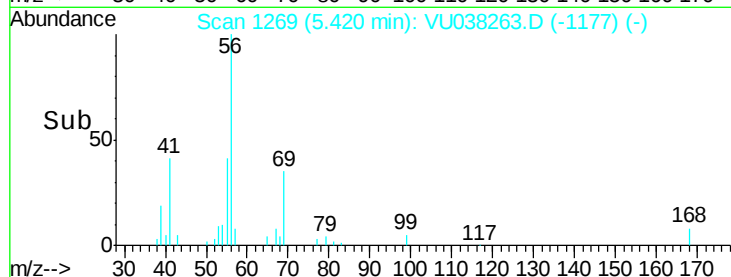
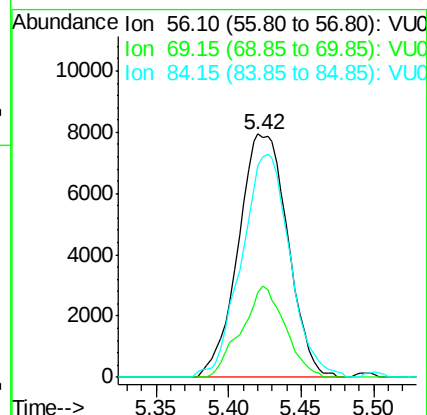
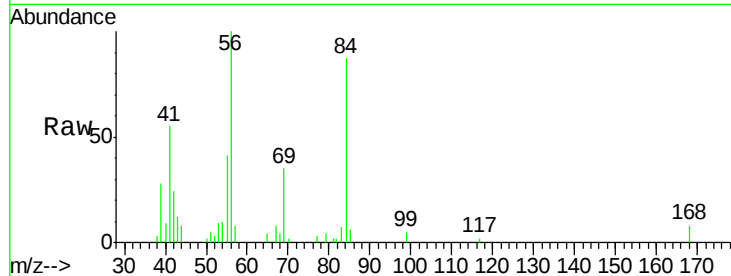




#30
Cyclohexane
Concen: 0.395 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038263.D
Acq: 21 May 2020 14:44

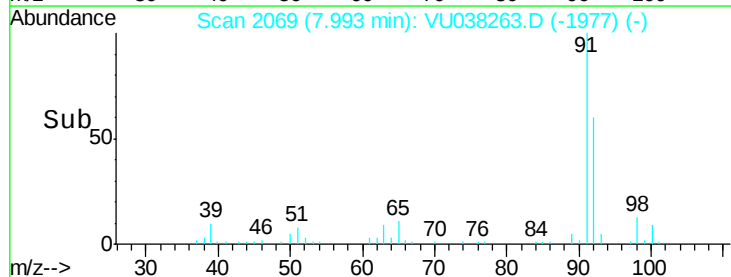
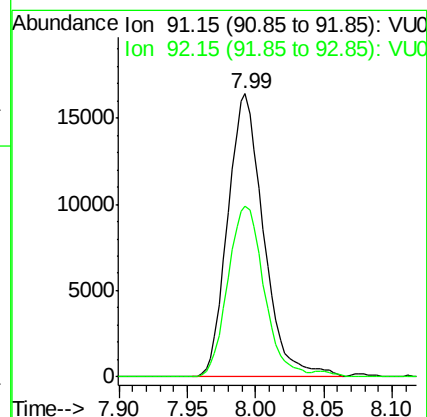
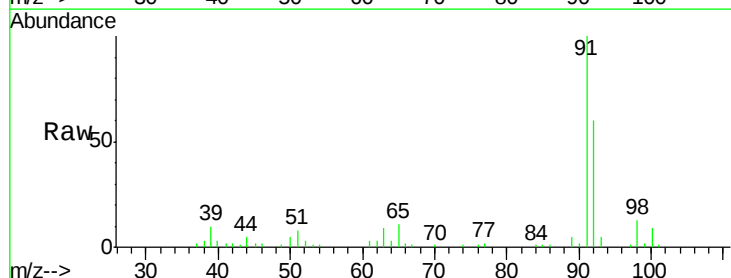
Instrument :
MSVOA_U
ClientSampled :
BE4W4

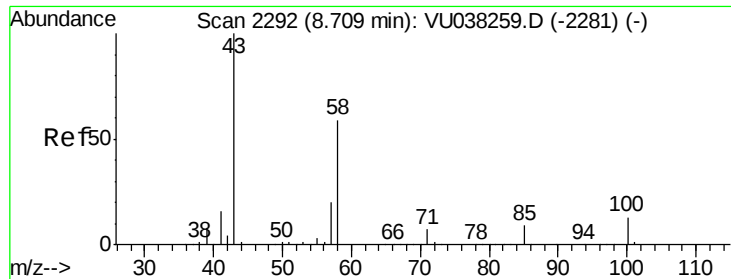
Tot Ion: 56 Resp: 18840
Ion Ratio Lower Upper
56 100
69 33.0 24.2 36.4
84 89.7 68.5 102.7



#42
Toluene
Concen: 0.251 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038263.D
Acq: 21 May 2020 14:44

Tgt Ion: 91 Resp: 29986
Ion Ratio Lower Upper
91 100
92 60.5 40.9 75.9

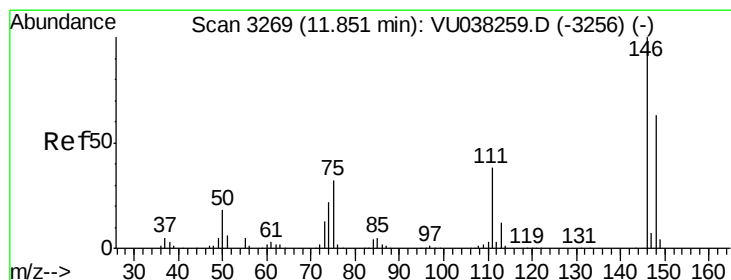
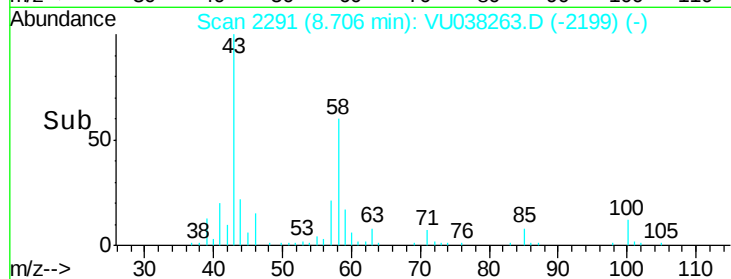
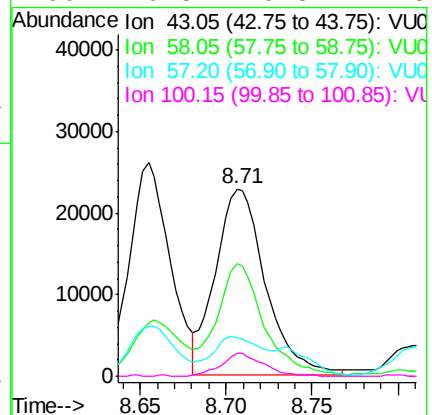
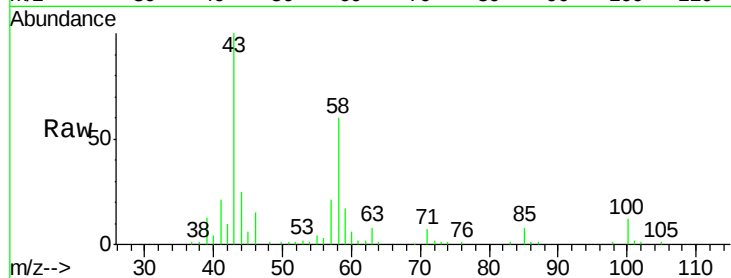




#48
2-Hexanone
Concen: 2.955 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038263.D
Acq: 21 May 2020 14:44

Instrument :
MSVOA_U
ClientSampleId :
BE4W4

Tot Ion:	43	Resp:	46035
Ion	Ratio	Lower	Upper
43	100		
58	55.7	45.2	67.8
57	20.3	15.5	23.3
100	10.5	9.5	14.3



#63
1,4-Dichlorobenzene
Concen: 0.246 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038263.D
Acq: 21 May 2020 14:44

Tgt Ion:	146	Resp:	13530
Ion	Ratio	Lower	Upper
146	100		
111	46.9	27.2	50.6
148	70.2	43.8	81.3

