

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062218\
 Data File : VR025420.D
 Acq On : 22 Jun 2018 18:39
 Operator : SY/MD
 Sample : J3674-06
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB6

Quant Time: Jun 22 22:40:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	513117	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	438794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	176855	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	61086	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	2.64	69	52834	4.11	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	3.64	63	132696	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	6.59	46	302075	64.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.96%
24) Chloroform-d	7.20	84	337476	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	7.89	65	140553	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	7.86	84	678540	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.90	67	217363	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	9.97	98	567376	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	10.24	79	39311	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
46) 2-Hexanone-d5	10.59	63	250235	64.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	105153	6.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.80%#
64) 1,2-Dichlorobenzene-d4	13.51	152	153199	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

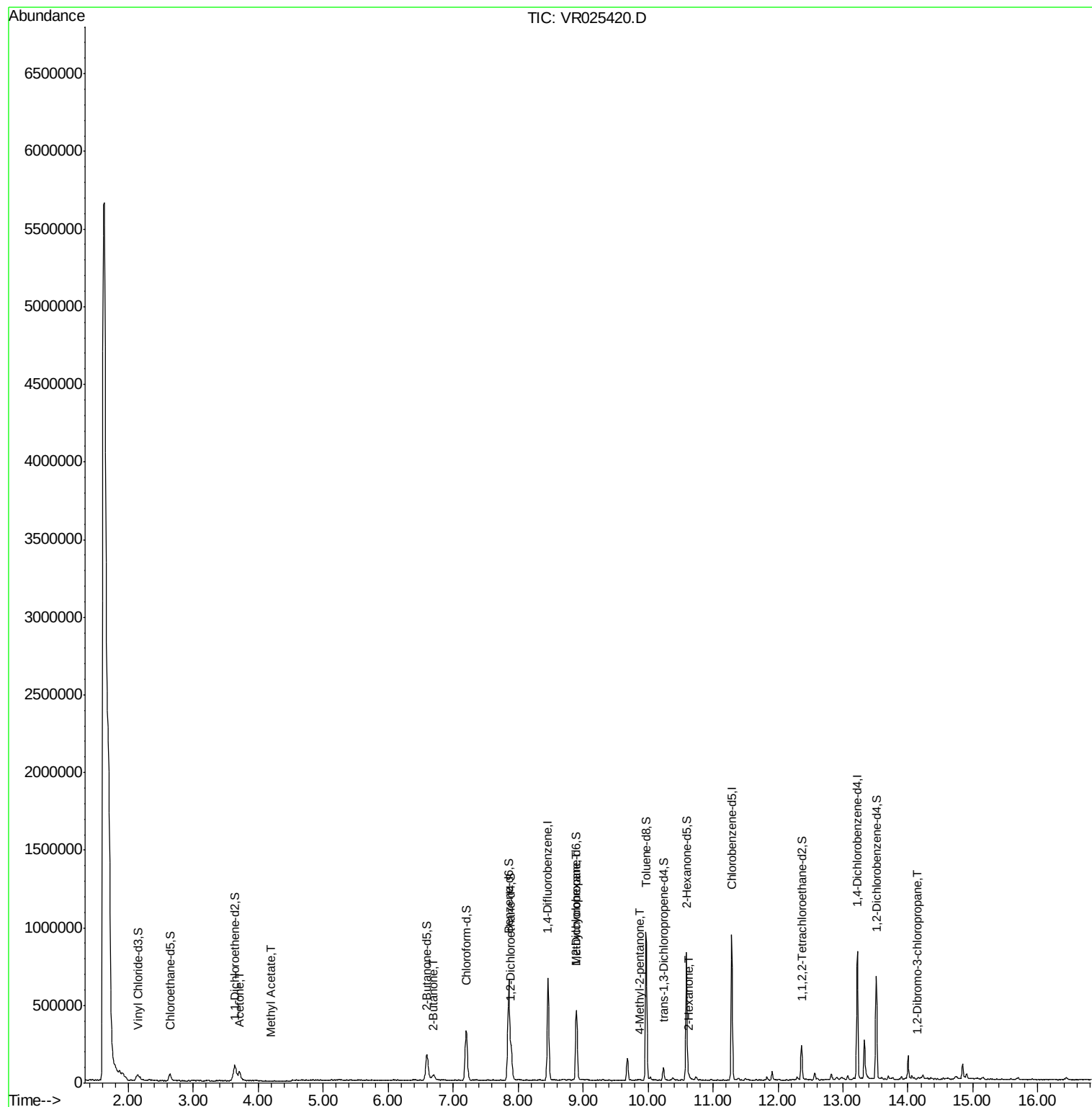
					Qvalue
13) Acetone	3.71	43	115870	54.765 ug/L	98
15) Methyl Acetate	4.19	43	1120	0.211 ug/L #	79
21) 2-Butanone	6.70	43	22480	4.495 ug/L	92
35) Methylcyclohexane	8.90	83	48820	0.742 ug/L #	18
40) 4-Methyl-2-pentanone	9.86	43	5449	0.440 ug/L #	65
48) 2-Hexanone	10.63	43	5980	0.757 ug/L #	84
66) 1,2-Dibromo-3-chloropropan	14.14	75	513	0.261 ug/L #	22

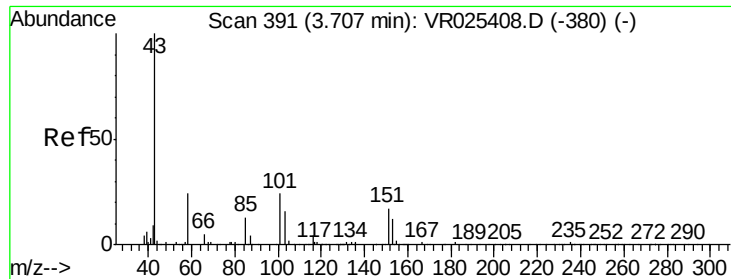
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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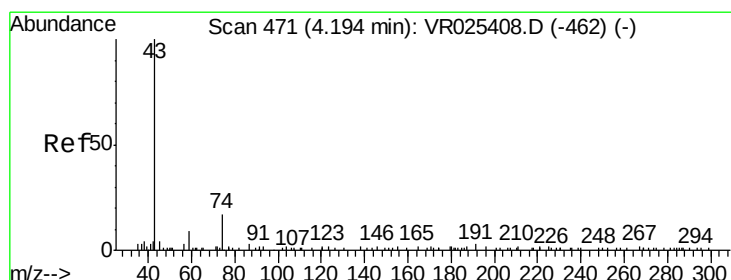
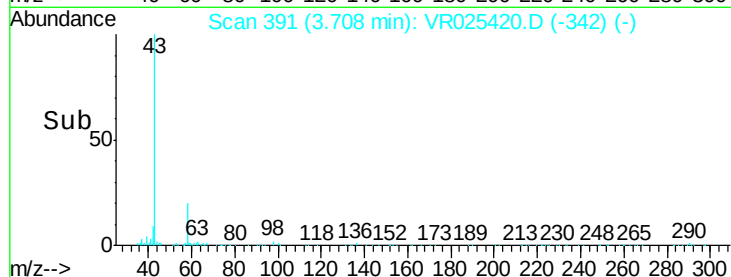
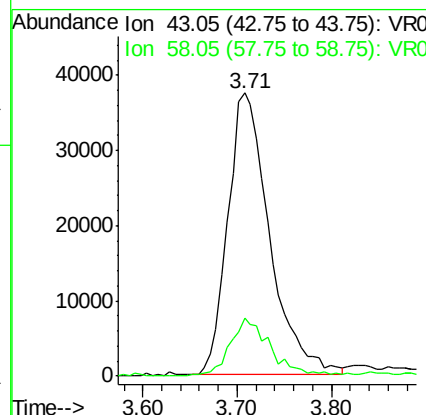
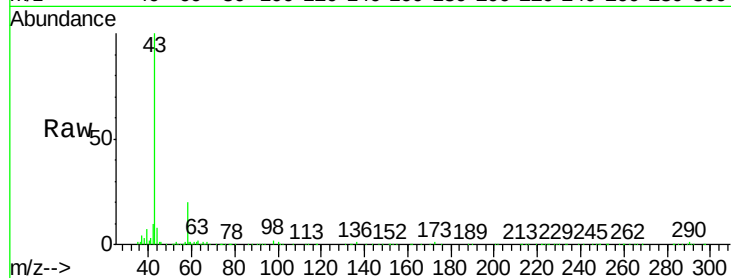




#13
Acetone
Concen: 54.765 ug/L
RT: 3.71 min Scan# 391
Delta R.T. 0.00 min
Lab File: VR025420.D
Acq: 22 Jun 2018 18:39

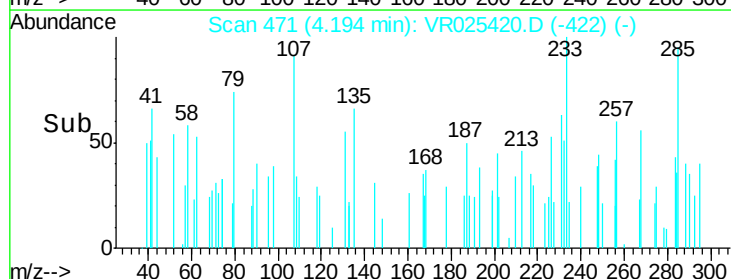
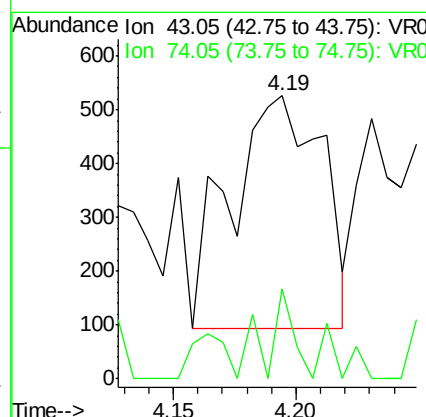
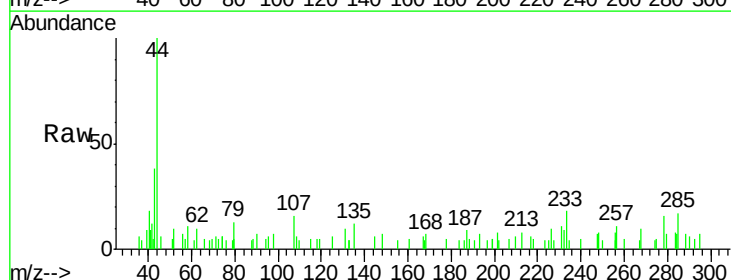
Instrument :
MSVOA_R
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DAZB6

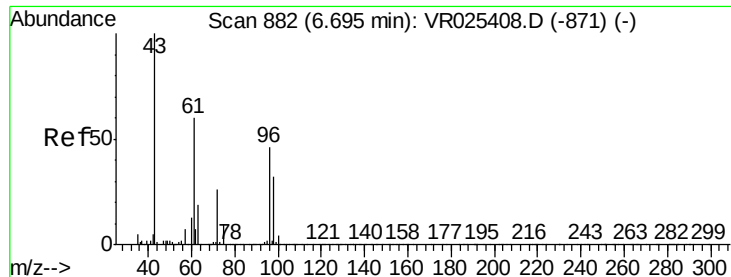
Tgt Ion: 43 Resp: 115870
Ion Ratio Lower Upper
43 100
58 19.8 0.0 41.6



#15
Methyl Acetate
Concen: 0.211 ug/L
RT: 4.19 min Scan# 471
Delta R.T. 0.00 min
Lab File: VR025420.D
Acq: 22 Jun 2018 18:39

Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
74 11.3 16.7 25.1#

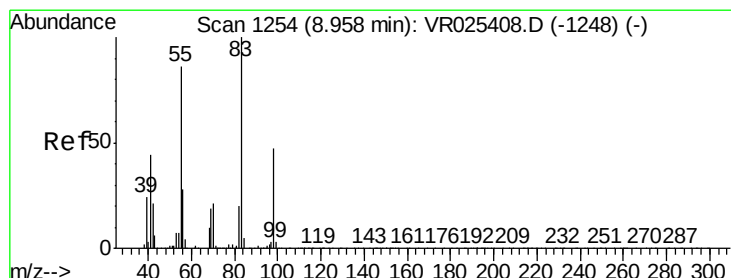
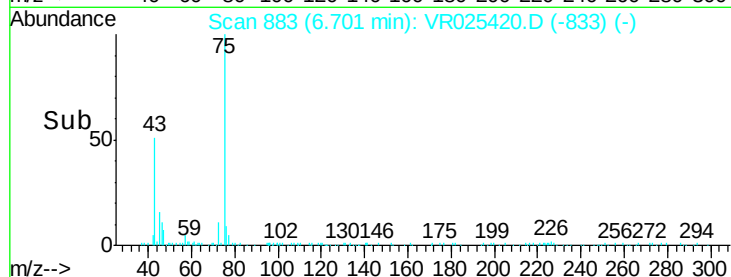
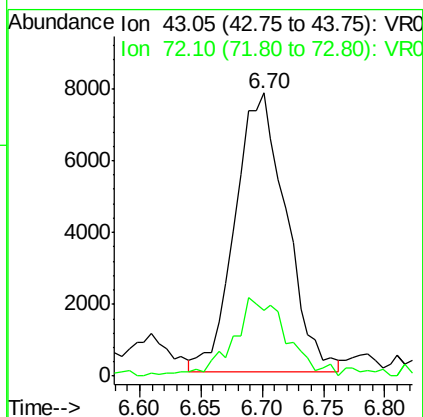
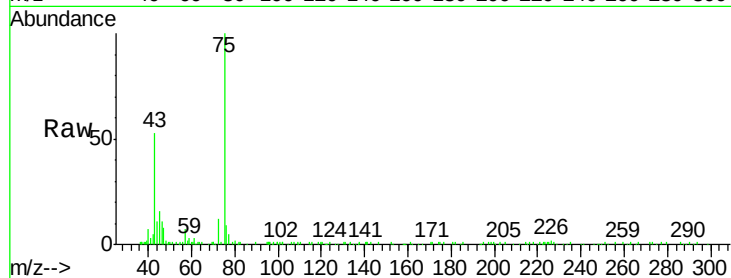




#21
2-Butanone
Concen: 4.495 ug/L
RT: 6.70 min Scan# 883
Delta R.T. 0.01 min
Lab File: VR025420.D
Acq: 22 Jun 2018 18:39

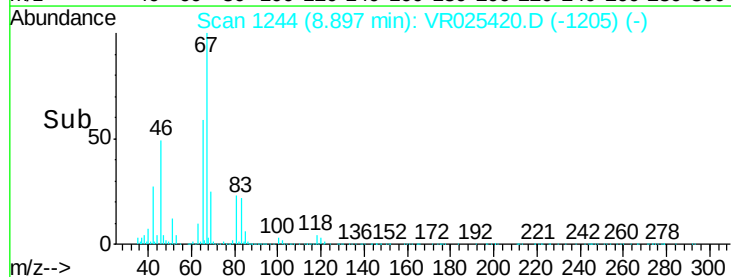
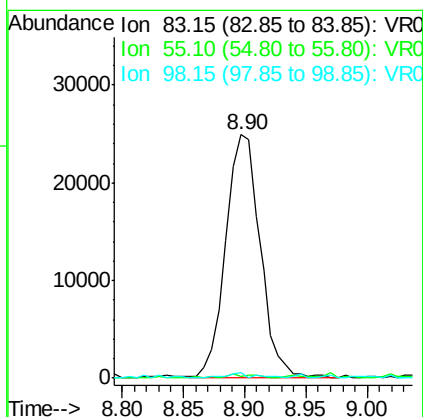
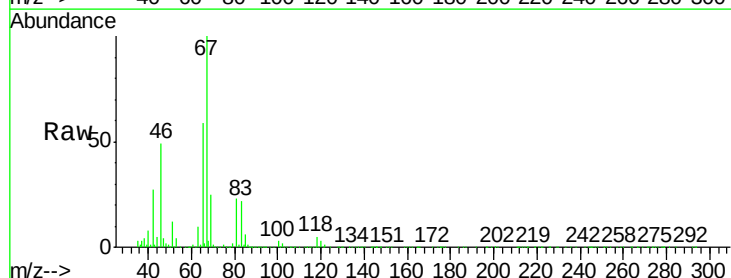
Instrument :
MSVOA_R
ClientSampleId :
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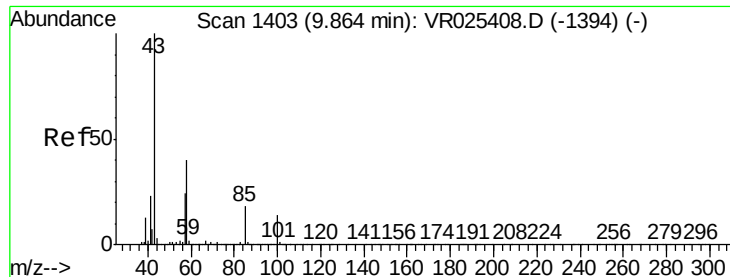
Tgt Ion: 43 Resp: 22480
Ion Ratio Lower Upper
43 100
72 29.8 13.0 38.9



#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025420.D
Acq: 22 Jun 2018 18:39

Tgt Ion: 83 Resp: 48820
Ion Ratio Lower Upper
83 100
55 1.6 66.1 99.1#
98 1.9 36.2 54.4#

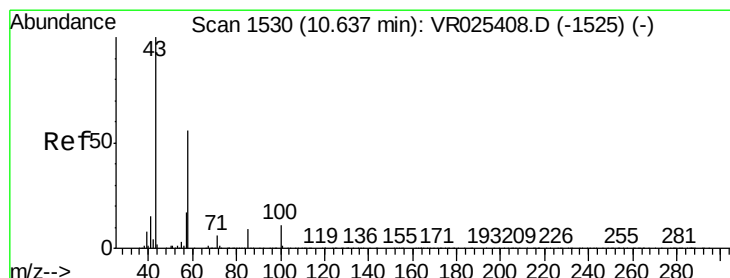
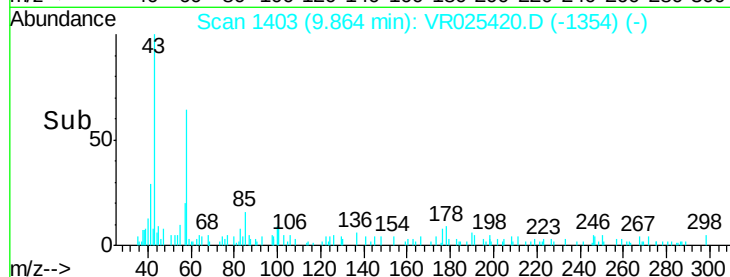
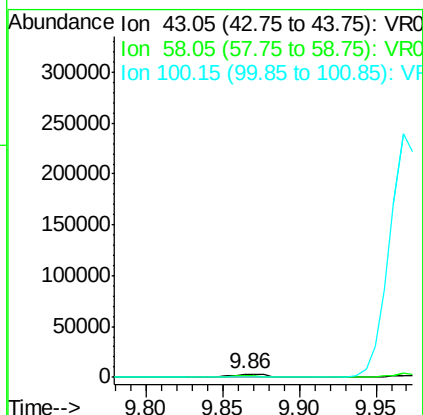
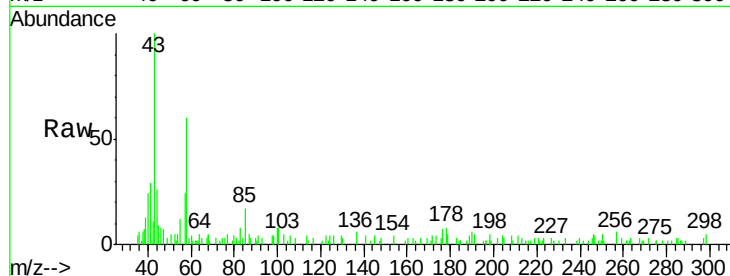




#40
 4-Methyl-2-pentanone
 Concen: 0.440 ug/L
 RT: 9.86 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: VR025420.D
 Acq: 22 Jun 2018 18:39

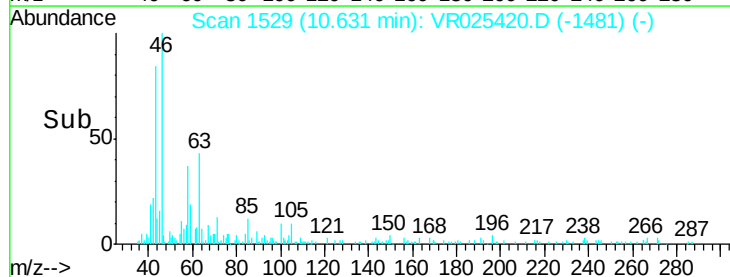
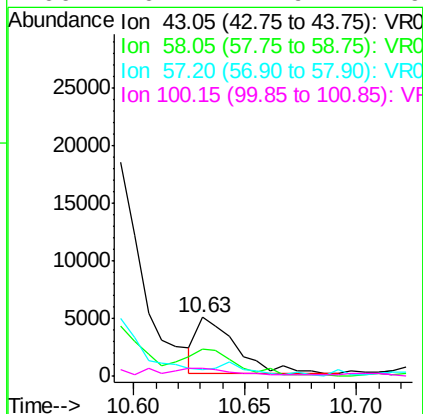
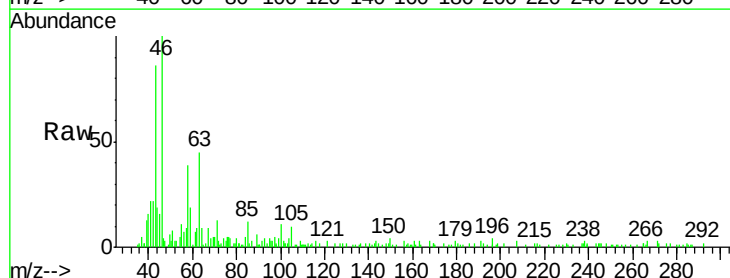
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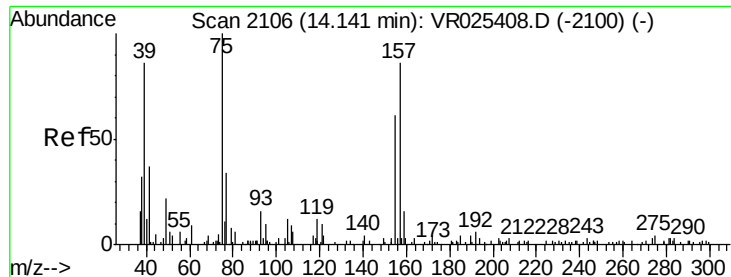
Tgt Ion: 43 Resp: 5449
 Ion Ratio Lower Upper
 43 100
 58 59.3 30.3 45.5#
 100 0.0 10.3 15.5#



#48
 2-Hexanone
 Concen: 0.757 ug/L
 RT: 10.63 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: VR025420.D
 Acq: 22 Jun 2018 18:39

Tgt Ion: 43 Resp: 5980
 Ion Ratio Lower Upper
 43 100
 58 67.2 43.1 64.7#
 57 19.6 15.3 22.9
 100 20.2 7.9 11.9#

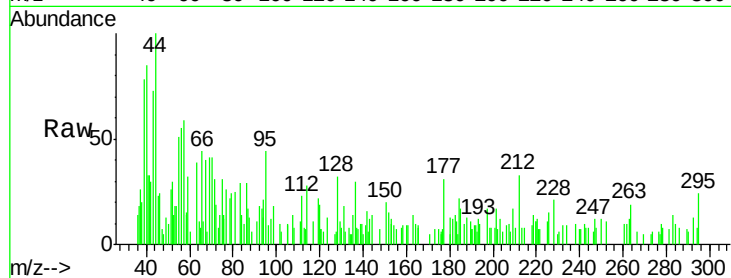




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.261 ug/L
 RT: 14.14 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VR025420.D
 Acq: 22 Jun 2018 18:39

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB6

Tgt Ion: 75 Resp: 513
 Ion Ratio Lower Upper
 75 100
 155 14.6 74.1 111.1#
 157 18.3 71.0 106.6#



Abundance Ion 75.05 (74.75 to 75.75): VR0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

