

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\
 Data File : VR025716.D
 Acq On : 13 Sep 2018 16:13
 Operator : SY/MD
 Sample : J4863-15
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ0

Quant Time: Sep 14 06:57:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 06:42:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	673226	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	573788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	174700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	147230	5.03	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	2.63	69	123025	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	3.63	63	273814	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	6.59	46	158275	53.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.14%
24) Chloroform-d	7.20	84	304786	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	7.90	65	113179	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	7.86	84	701883	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	8.90	67	198295	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	9.97	98	650742	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	10.24	79	40799	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	10.59	63	166889	54.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.22%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	85396	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	138599	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

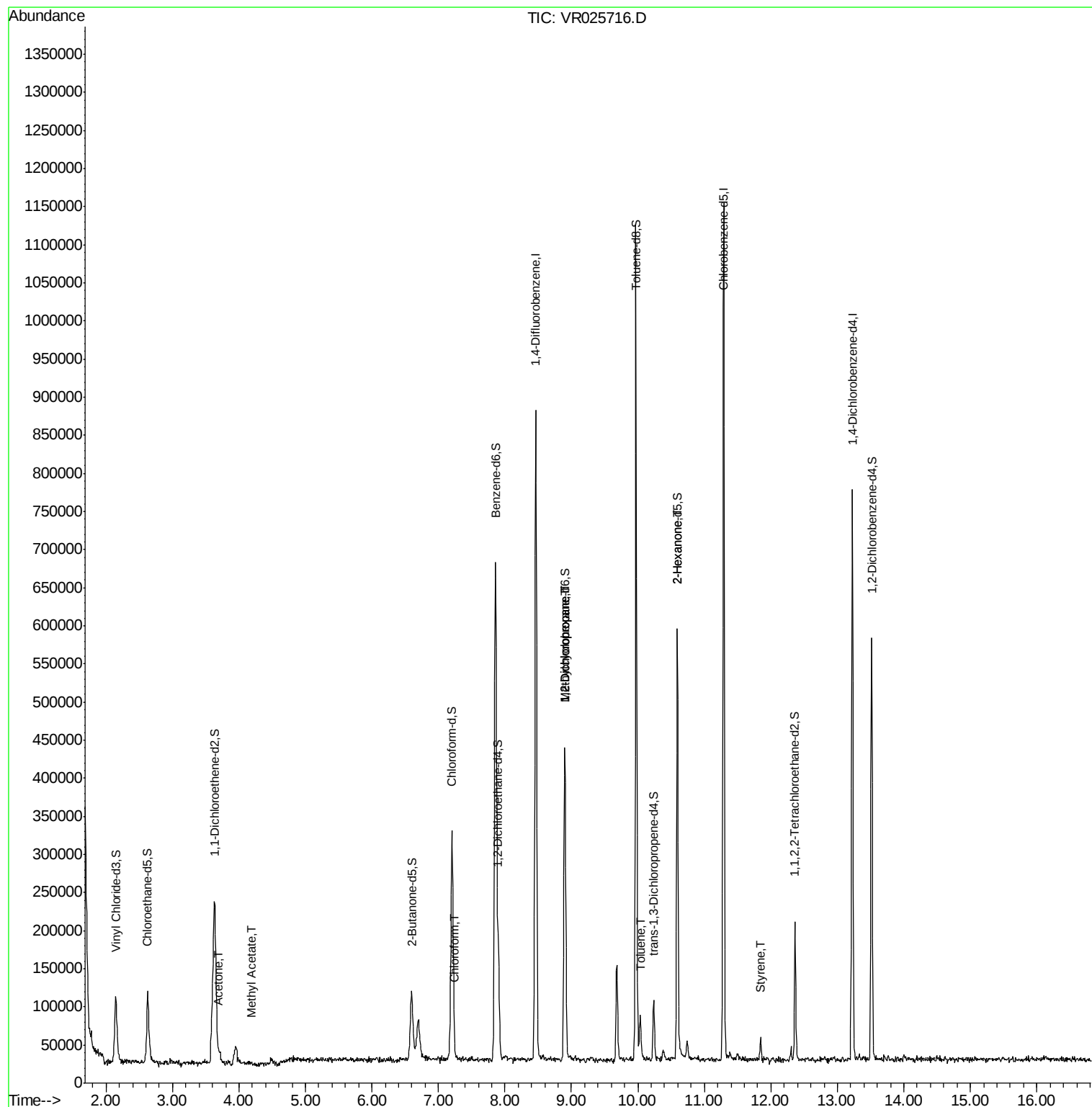
					Ovalue
13) Acetone	3.70	43	21217	10.66	ug/L 84
15) Methyl Acetate	4.19	43	951	0.13	ug/L # 64
25) Chloroform	7.25	83	7331	0.10	ug/L # 58
35) Methylcyclohexane	8.90	83	45402	0.59	ug/L # 21
37) 1,2-Dichloropropane	8.90	63	19450	0.42	ug/L # 95
42) Toluene	10.04	91	34146	0.16	ug/L 84
48) 2-Hexanone	10.59	43	21721	2.72	ug/L # 64
55) Styrene	11.85	104	11216	0.09	ug/L 84

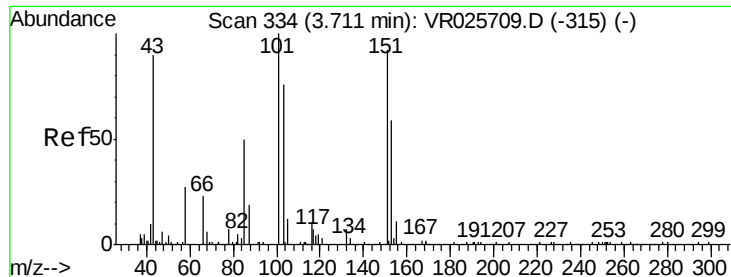
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 06:42:34 2018
Response via : Initial Calibration





#13

Acetone

Concen: 10.66 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.01 min

Lab File: VR025716.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_R

ClientSampleId :

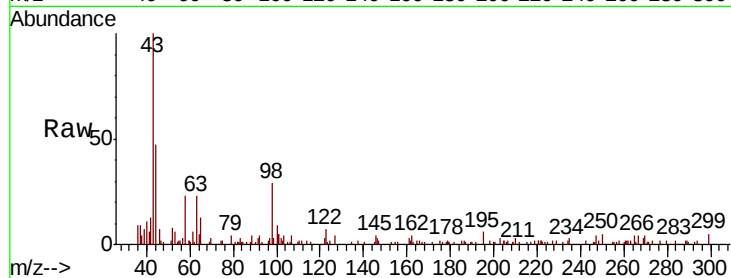
C0KQ0

Tot Ion: 43 Resp: 21217

Ion Ratio Lower Upper

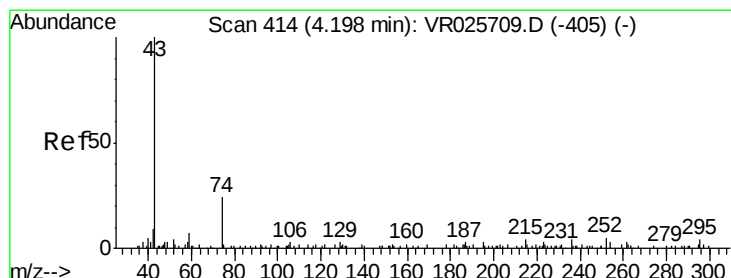
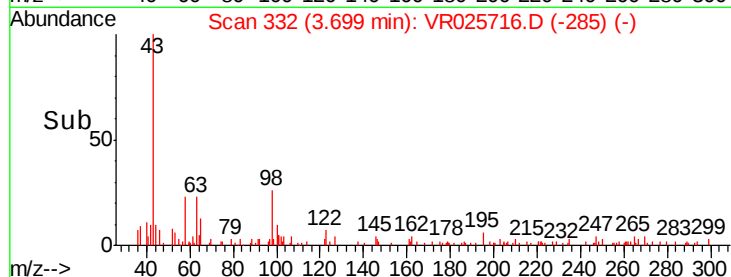
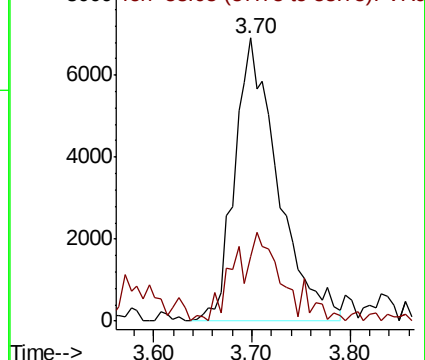
43 100

58 18.5 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.13 ug/L

RT: 4.19 min Scan# 412

Delta R.T. -0.01 min

Lab File: VR025716.D

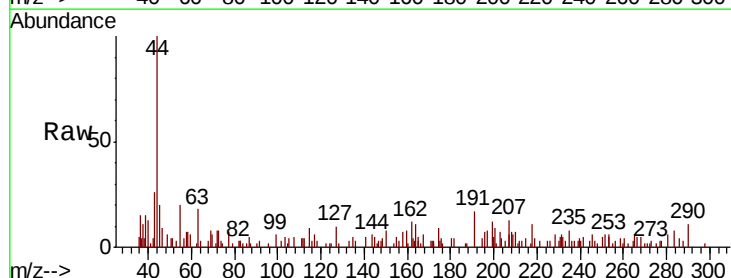
Acq: 13 Sep 2018 16:13

Tgt Ion: 43 Resp: 951

Ion Ratio Lower Upper

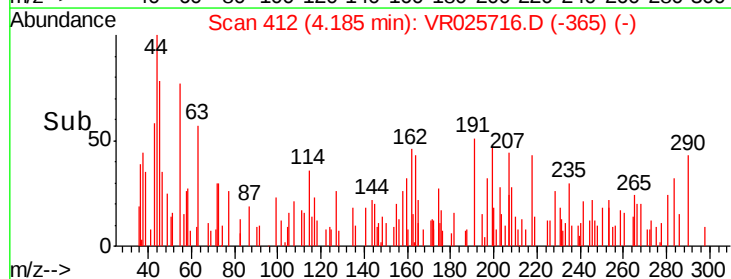
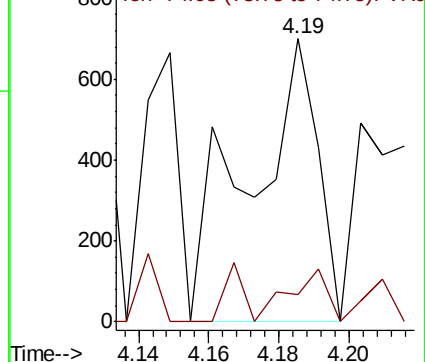
43 100

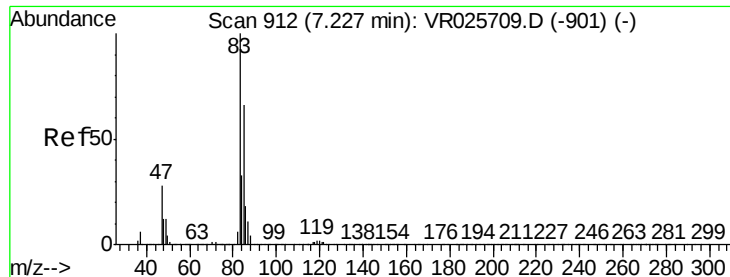
74 10.5 24.2 36.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0





#25

Chloroform

Concen: 0.10 ug/L

RT: 7.25 min Scan# 915

Delta R.T. 0.02 min

Lab File: VR025716.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_R

ClientSampleId :

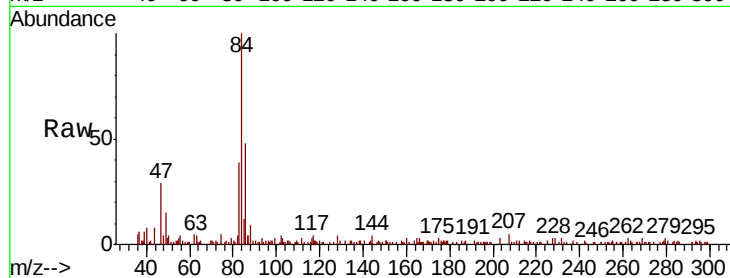
C0KQ0

Tot Ion: 83 Resp: 7331

Ion Ratio Lower Upper

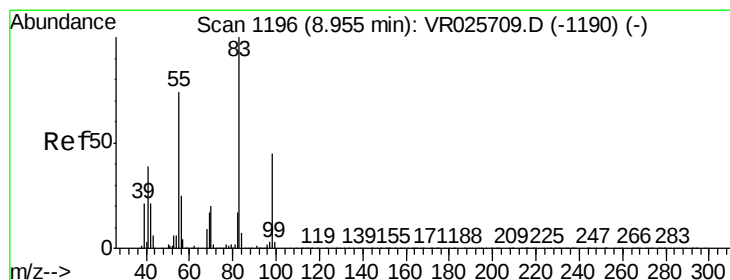
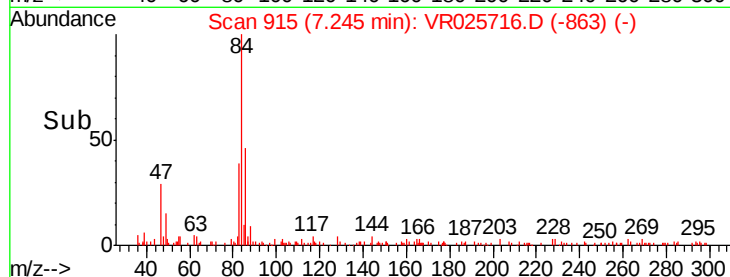
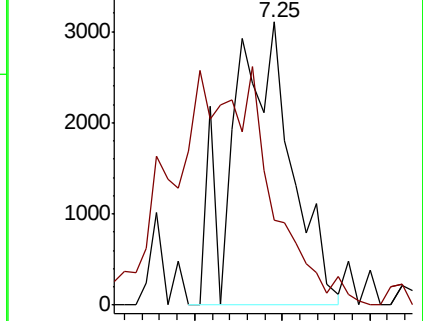
83 100

85 30.2 43.8 81.4#



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0



#35

Methylcyclohexane

Concen: 0.59 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025716.D

Acq: 13 Sep 2018 16:13

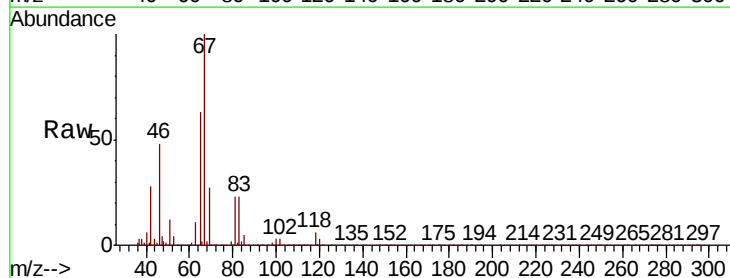
Tgt Ion: 83 Resp: 45402

Ion Ratio Lower Upper

83 100

55 0.6 58.9 88.3#

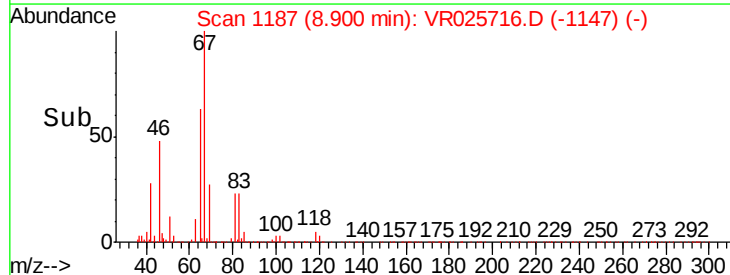
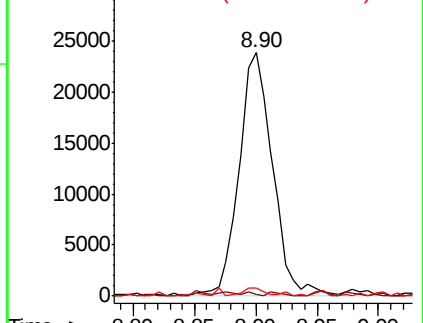
98 1.9 36.9 55.3#

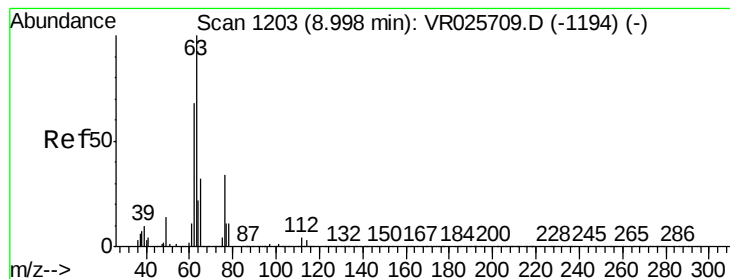


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.42 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025716.D

Acq: 13 Sep 2018 16:13

Instrument :

MSVOA_R

ClientSampleId :

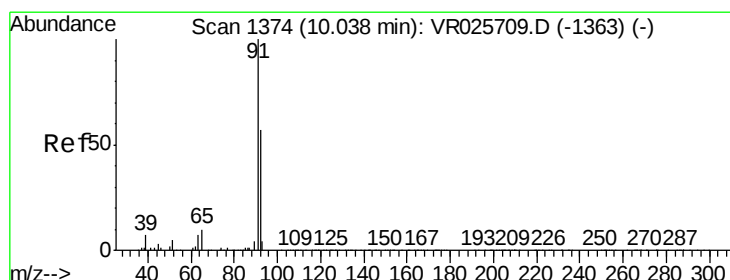
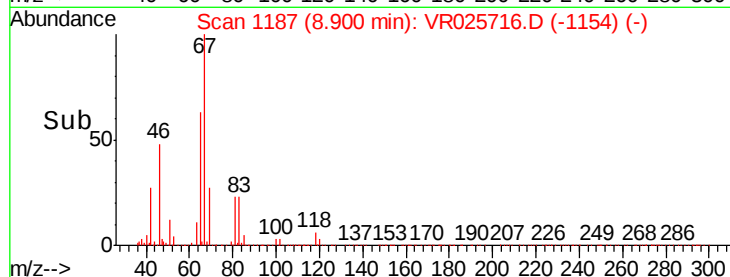
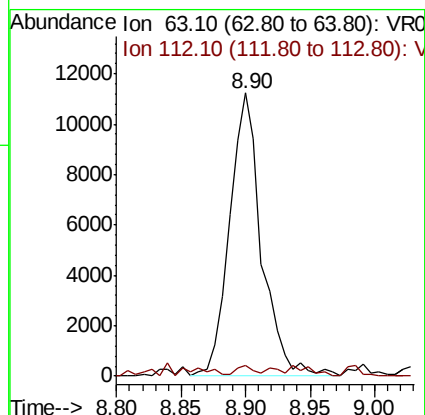
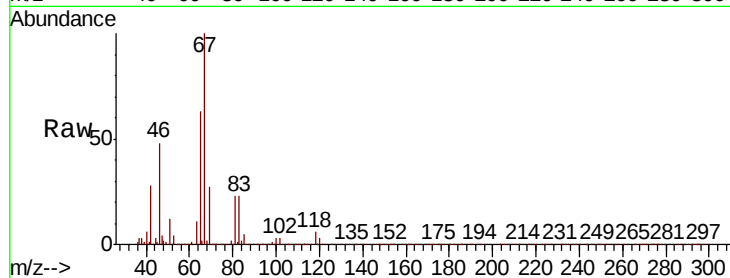
C0KQ0

Tot Ion: 63 Resp: 19450

Ion Ratio Lower Upper

63 100

112 2.0 2.9 4.3#



#42

Toluene

Concen: 0.16 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. -0.00 min

Lab File: VR025716.D

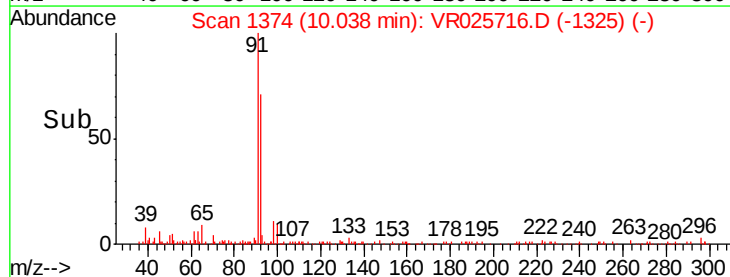
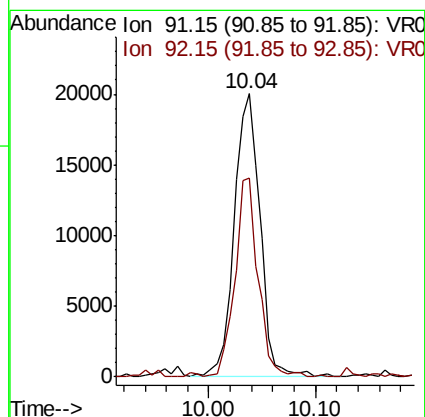
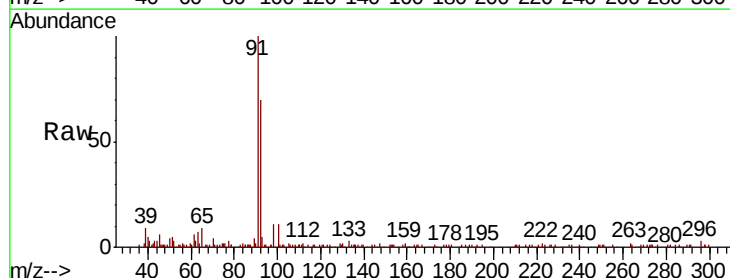
Acq: 13 Sep 2018 16:13

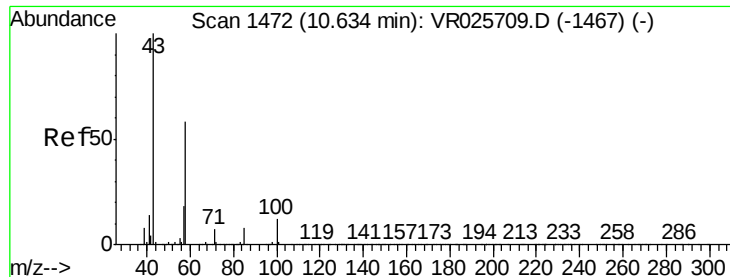
Tgt Ion: 91 Resp: 34146

Ion Ratio Lower Upper

91 100

92 70.2 40.7 75.7

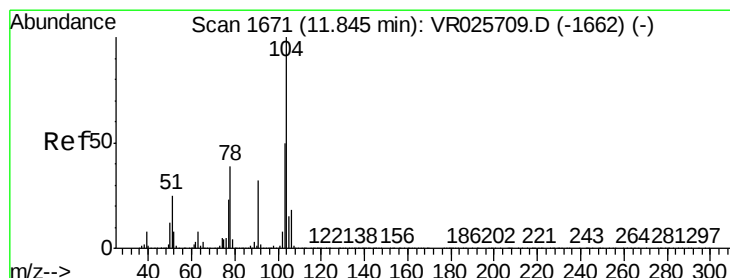
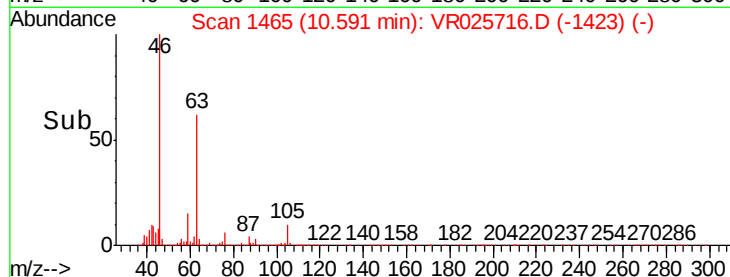
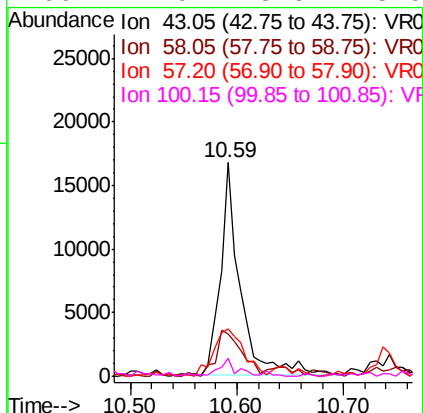
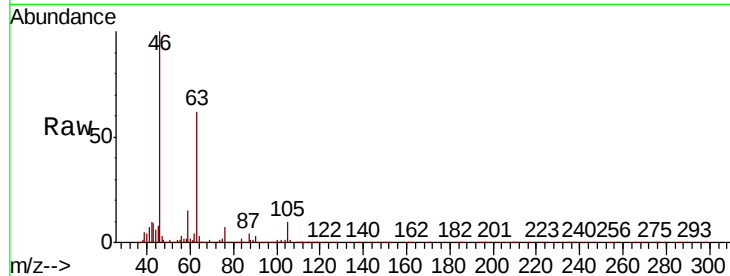




#48
2-Hexanone
Concen: 2.72 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025716.D
Acq: 13 Sep 2018 16:13

Instrument :
MSVOA_R
ClientSampleId :
C0KQ0

Tot Ion: 43 Resp: 21721
Ion Ratio Lower Upper
43 100
58 27.6 45.8 68.8#
57 33.5 14.2 21.2#
100 7.0 8.6 13.0#



#55
Styrene
Concen: 0.09 ug/L
RT: 11.85 min Scan# 1672
Delta R.T. 0.01 min
Lab File: VR025716.D
Acq: 13 Sep 2018 16:13

Tgt Ion: 104 Resp: 11216
Ion Ratio Lower Upper
104 100
78 29.3 27.6 51.2

