

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025729.D
 Acq On : 14 Sep 2018 14:50
 Operator : SY/MD
 Sample : J4887-08
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KR1

Quant Time: Sep 15 03:29:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 03:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	615894	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	524618	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	143505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	170131	6.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.00%
7) Chloroethane-d5	2.63	69	139811	6.38	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.60%
11) 1,1-Dichloroethene-d2	3.63	63	355967	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	6.59	46	132998	49.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	7.20	84	347651	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
26) 1,2-Dichloroethane-d4	7.90	65	119747	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	7.86	84	812255	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	8.90	67	229450	6.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.20%
41) Toluene-d8	9.97	98	727149	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	10.23	79	41199	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	10.59	63	141730	50.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.52%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85747	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	148003	7.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	145.60%#

Target Compounds

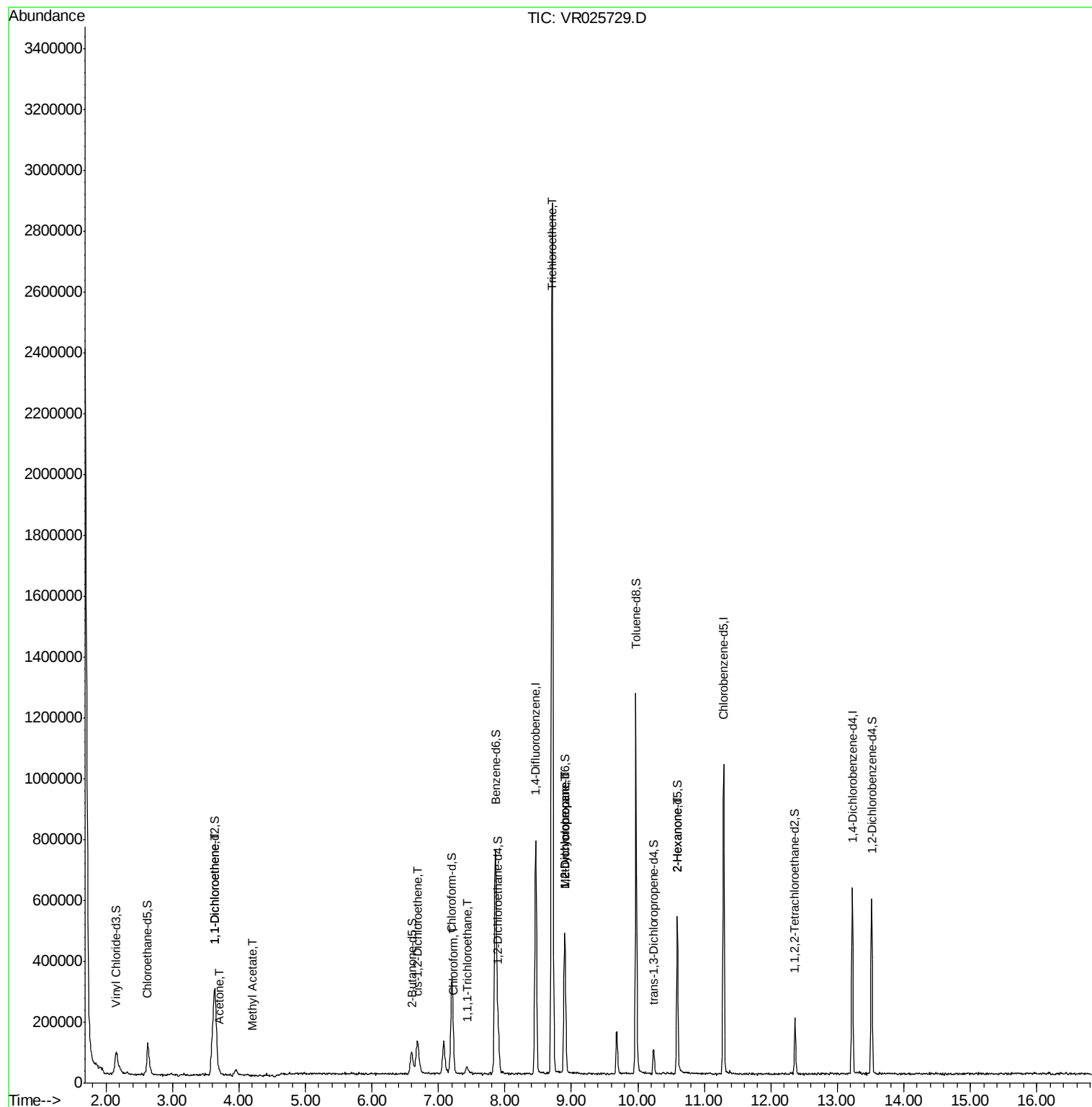
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.64	96	53104	1.32	ug/L #	1
13) Acetone	3.70	43	4440	2.44	ug/L	85
15) Methyl Acetate	4.20	43	688	0.11	ug/L #	65
22) cis-1,2-Dichloroethene	6.68	96	45521	1.07	ug/L #	98
25) Chloroform	7.23	83	7429	0.11	ug/L	85
29) 1,1,1-Trichloroethane	7.43	97	16640	0.32	ug/L	90
34) Trichloroethene	8.71	95	921434	20.34	ug/L	96
35) Methylcyclohexane	8.89	83	50492	0.72	ug/L #	20
37) 1,2-Dichloropropane	8.90	63	22041	0.52	ug/L #	96
48) 2-Hexanone	10.59	43	19588	2.68	ug/L #	68

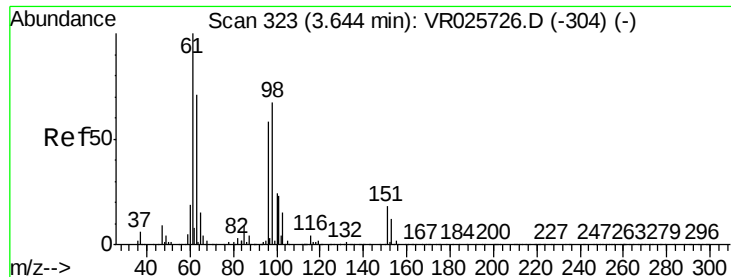
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.32 ug/L

RT: 3.64 min Scan# 322

Delta R.T. -0.01 min

Lab File: VR025729.D

Acq: 14 Sep 2018 14:50

Instrument :

MSVOA_R

ClientSampleId :

C0KR1

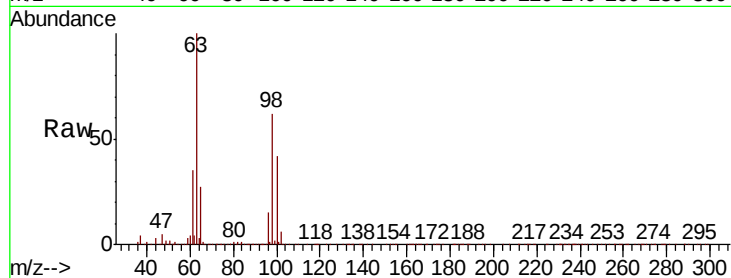
Tot Ion: 96 Resp: 53104

Ion Ratio Lower Upper

96 100

61 226.3 128.4 238.4

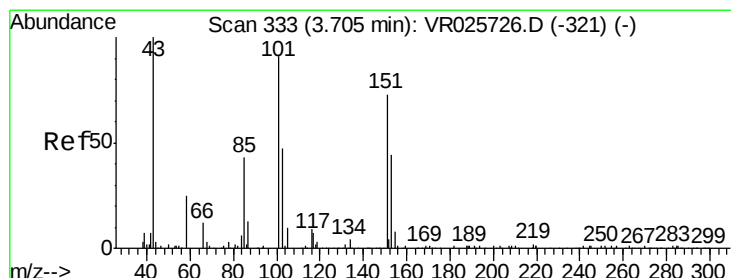
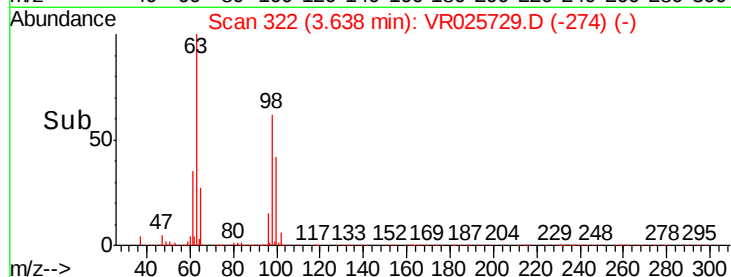
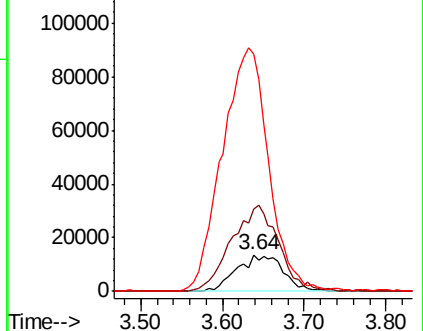
63 651.1 101.1 187.7#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 2.44 ug/L

RT: 3.70 min Scan# 333

Delta R.T. -0.00 min

Lab File: VR025729.D

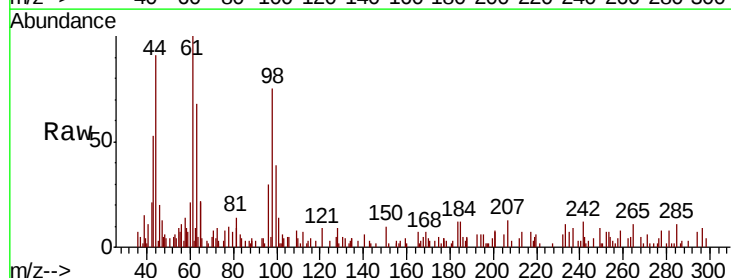
Acq: 14 Sep 2018 14:50

Tgt Ion: 43 Resp: 4440

Ion Ratio Lower Upper

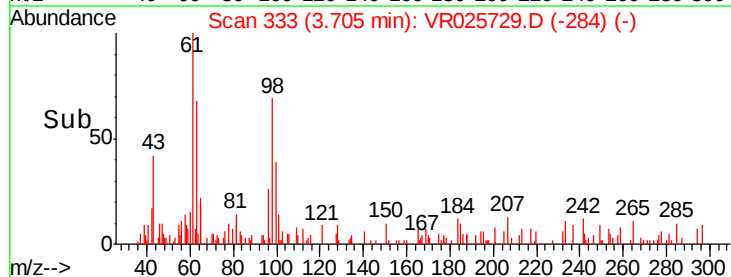
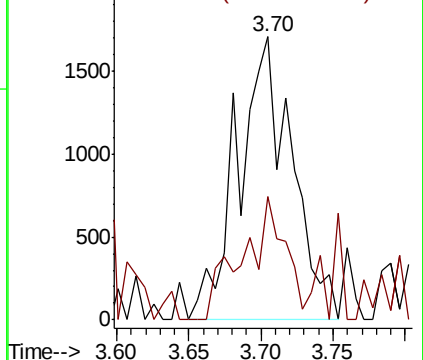
43 100

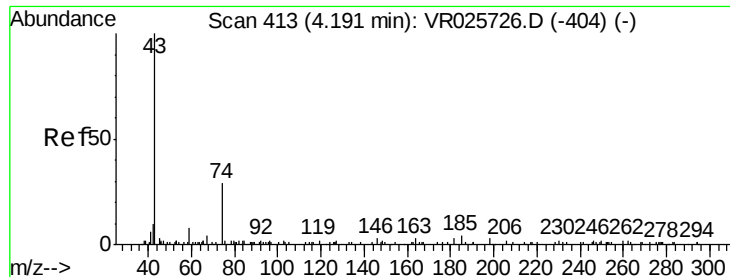
58 34.5 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

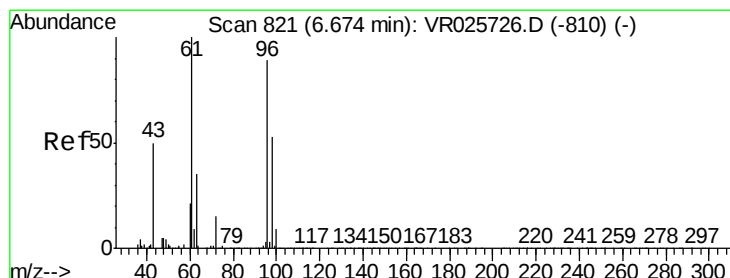
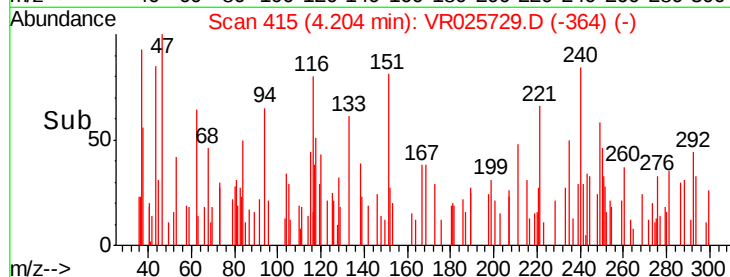
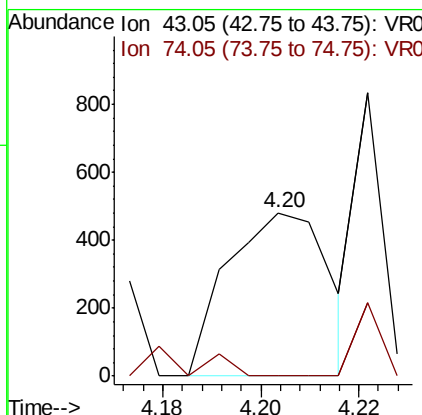
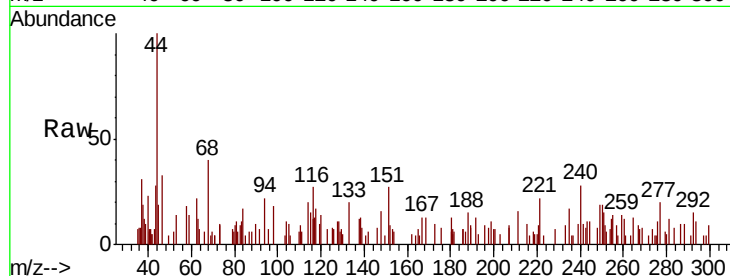




#15
Methyl Acetate
Concen: 0.11 ug/L
RT: 4.20 min Scan# 415
Delta R.T. 0.01 min
Lab File: VR025729.D
Acq: 14 Sep 2018 14:50

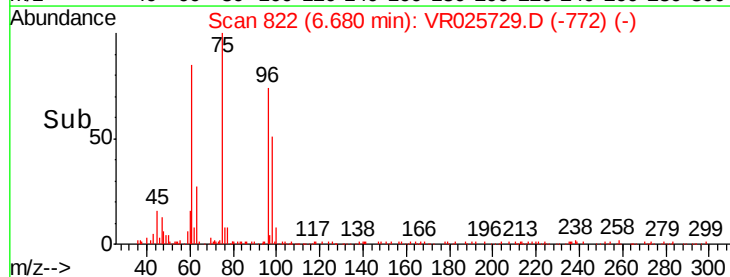
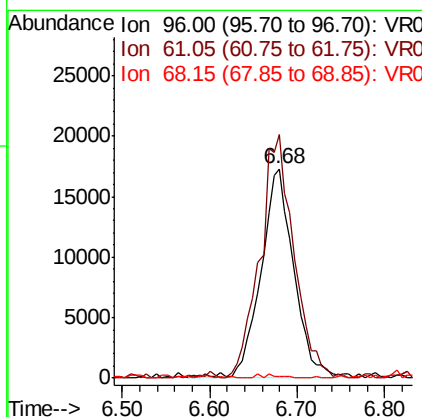
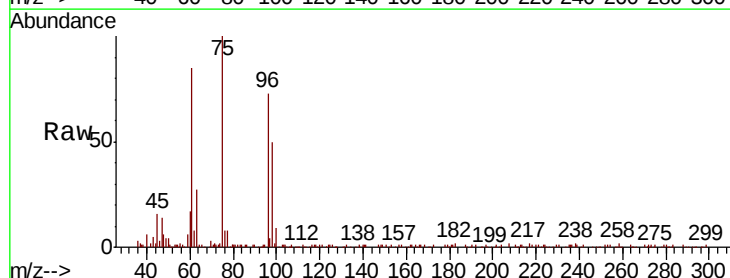
Instrument :
MSVOA_R
ClientSampled :
C0KR1

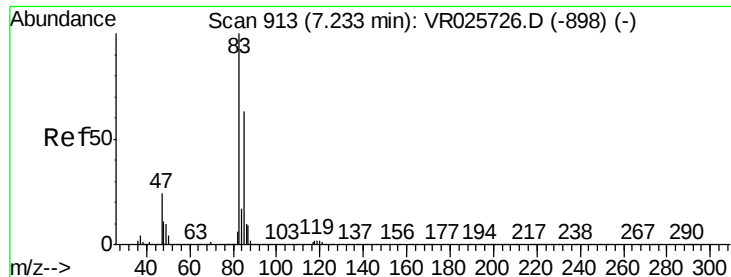
Tot Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
74 11.3 24.2 36.4#



#22
cis-1,2-Dichloroethene
Concen: 1.07 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
Lab File: VR025729.D
Acq: 14 Sep 2018 14:50

Tgt Ion: 96 Resp: 45521
Ion Ratio Lower Upper
96 100
61 116.4 79.9 148.5
68 0.6 0.2 0.4#





#25

Chloroform

Concen: 0.11 ug/L

RT: 7.23 min Scan# 913

Delta R.T. -0.00 min

Lab File: VR025729.D

Acq: 14 Sep 2018 14:50

Instrument :

MSVOA_R

ClientSampleId :

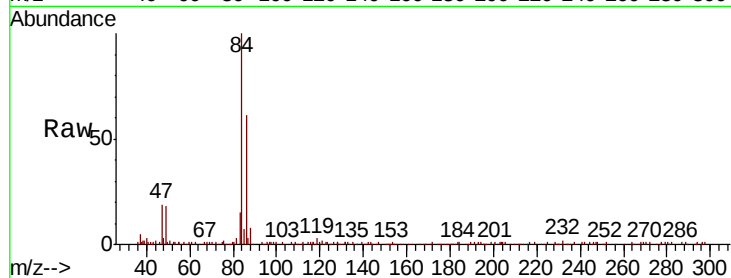
C0KR1

Tot Ion: 83 Resp: 7429

Ion Ratio Lower Upper

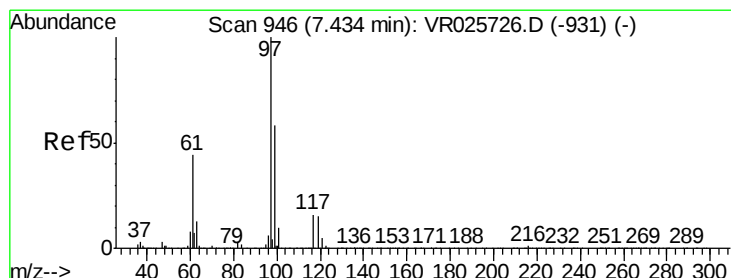
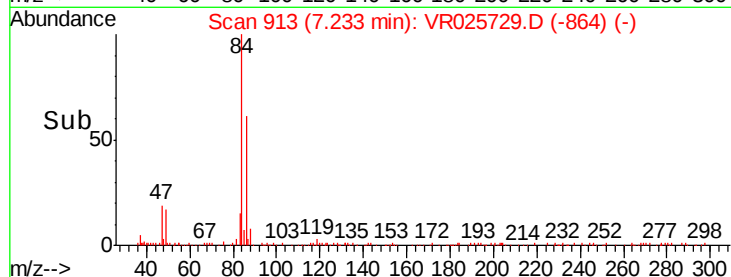
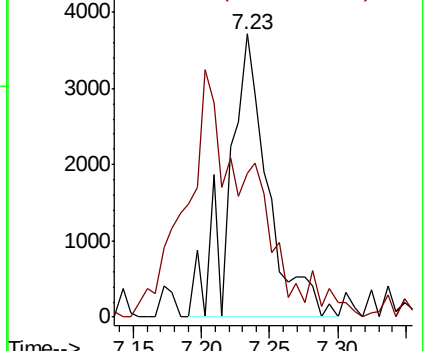
83 100

85 50.7 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0



#29

1,1,1-Trichloroethane

Concen: 0.32 ug/L

RT: 7.43 min Scan# 946

Delta R.T. -0.00 min

Lab File: VR025729.D

Acq: 14 Sep 2018 14:50

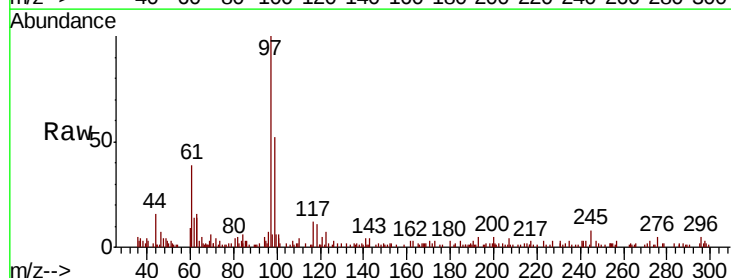
Tgt Ion: 97 Resp: 16640

Ion Ratio Lower Upper

97 100

99 72.1 51.3 76.9

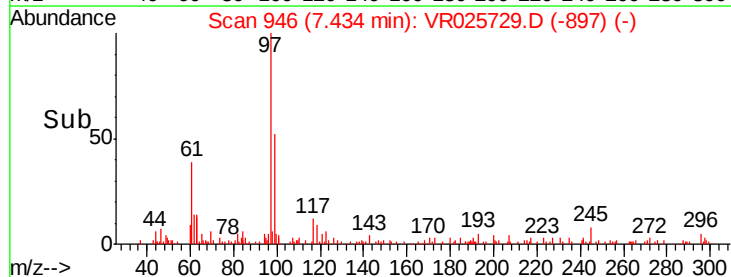
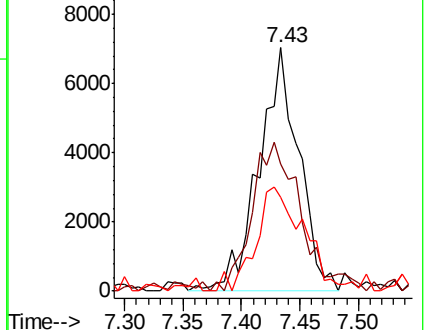
61 51.0 36.2 54.4

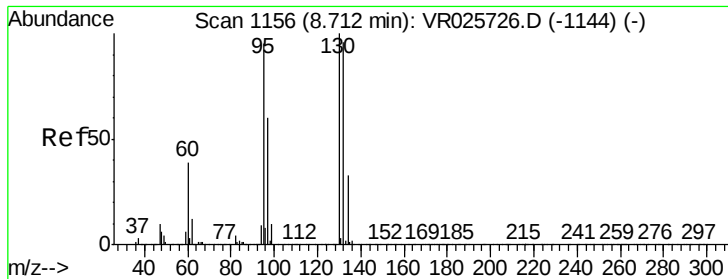


Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0

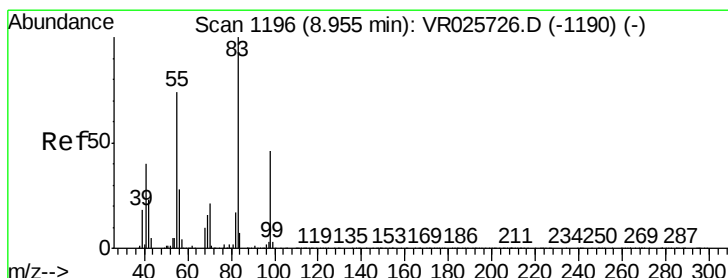
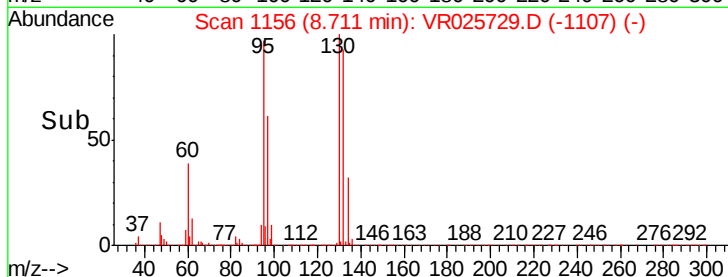
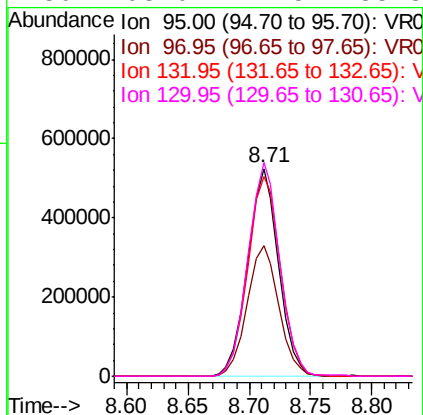
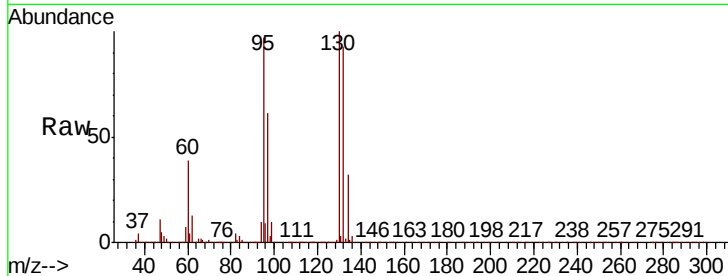




#34
 Trichloroethene
 Concen: 20.34 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VR025729.D
 Acq: 14 Sep 2018 14:50

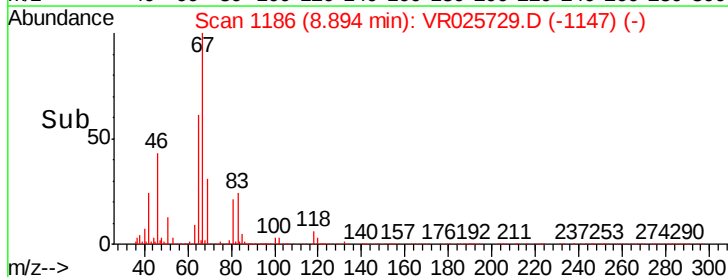
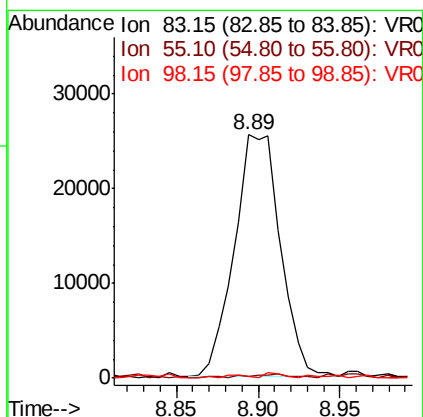
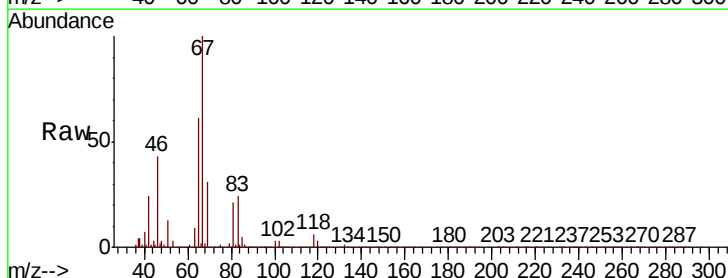
Instrument :
 MSVOA_R
 ClientSampleId :
 C0KR1

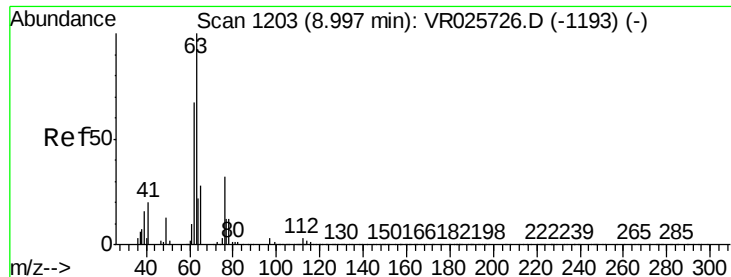
Tot Ion:	95	Resp:	921434
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.5	84.5
132	96.1	71.0	131.9
130	103.0	74.5	138.3



#35
 Methylcyclohexane
 Concen: 0.72 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.06 min
 Lab File: VR025729.D
 Acq: 14 Sep 2018 14:50

Tgt Ion:	83	Resp:	50492
Ion	Ratio	Lower	Upper
83	100		
55	1.4	58.9	88.3#
98	0.0	36.9	55.3#





#37

1,2-Dichloropropane

Concen: 0.52 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025729.D

Acq: 14 Sep 2018 14:50

Instrument :

MSVOA_R

ClientSampleId :

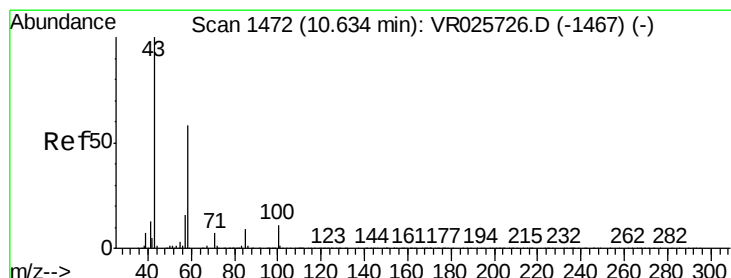
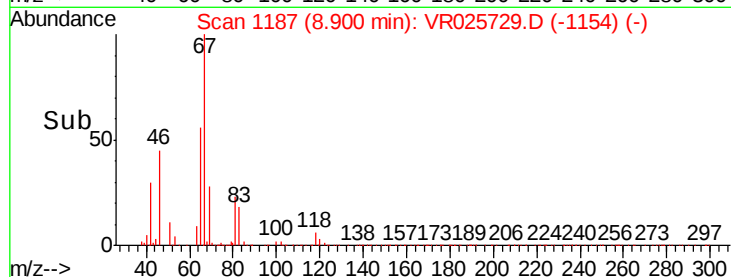
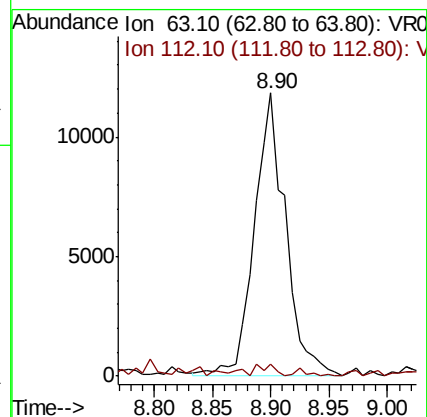
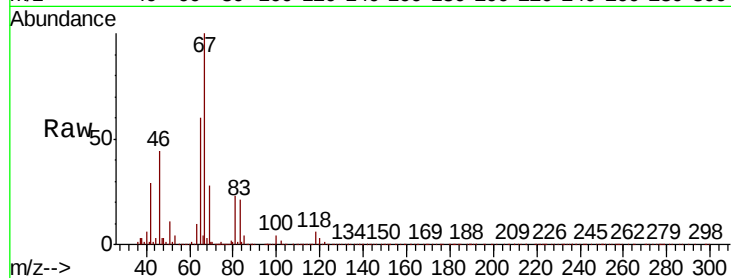
C0KR1

Tot Ion: 63 Resp: 22041

Ion Ratio Lower Upper

63 100

112 2.4 2.9 4.3#



#48

2-Hexanone

Concen: 2.68 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025729.D

Acq: 14 Sep 2018 14:50

Tgt Ion: 43 Resp: 19588

Ion Ratio Lower Upper

43 100

58 31.6 45.8 68.8#

57 34.3 14.2 21.2#

100 6.8 8.6 13.0#

