

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062518\
 Data File : VR025428.D
 Acq On : 25 Jun 2018 14:30
 Operator : SY/MD
 Sample : J3674-08DL 50X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB8DL

Quant Time: Jun 26 01:43:47 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	545738	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	445510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151362	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	52628	2.83	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.60%
7) Chloroethane-d5	2.64	69	45227	3.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.20%
11) 1,1-Dichloroethene-d2	3.64	63	117612	2.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.20%#
20) 2-Butanone-d5	6.59	46	243397	48.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.70%
24) Chloroform-d	7.20	84	301336	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	7.89	65	120057	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	7.86	84	603564	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	8.90	67	191068	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	9.97	98	499498	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	10.24	79	38412	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	10.59	63	197213	49.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85643	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	118357	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

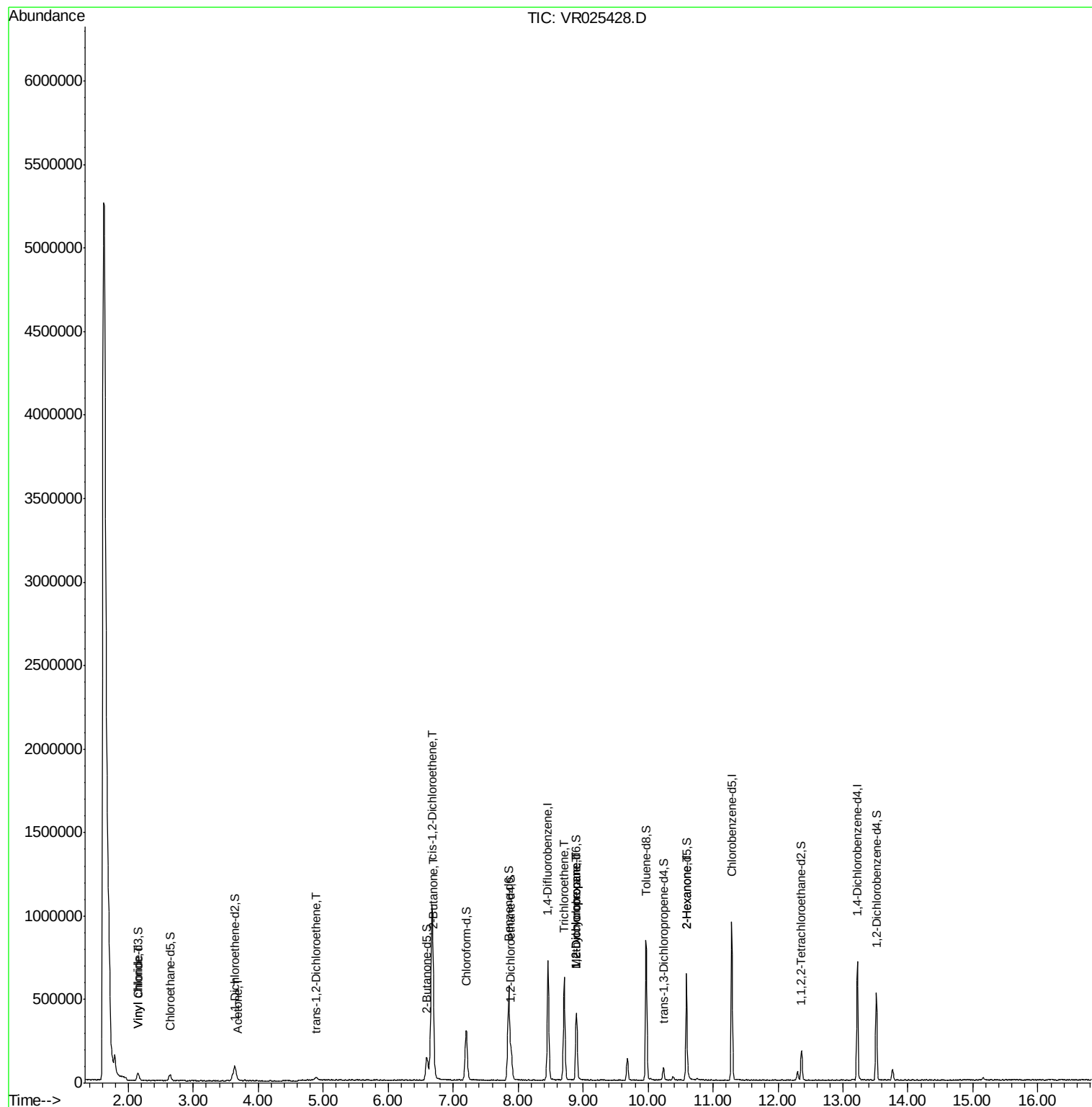
					Qvalue
5) Vinyl chloride	2.15	62	17426	0.771 ug/L	94
13) Acetone	3.68	43	649	0.288 ug/L	64
18) trans-1,2-Dichloroethene	4.89	96	10077	0.256 ug/L	93
21) 2-Butanone	6.70	43	2696	0.507 ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	638403	15.513 ug/L	98
34) Trichloroethene	8.71	95	210454	4.973 ug/L	99
35) Methylcyclohexane	8.90	83	44572	0.667 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	18992	0.488 ug/L #	91
48) 2-Hexanone	10.59	43	23411	2.919 ug/L #	66

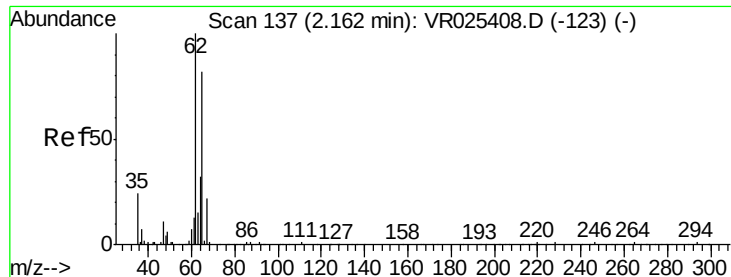
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.771 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025428.D

Acq: 25 Jun 2018 14:30

Instrument :

MSVOA_R

ClientSampleId :

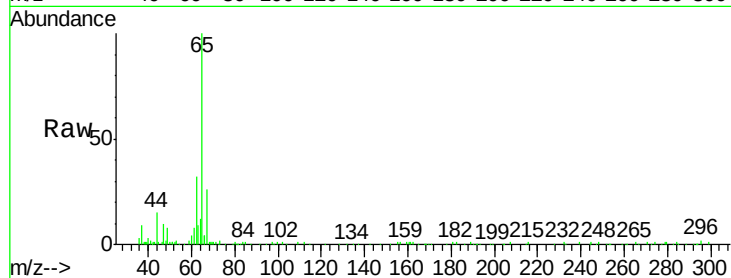
DAZB8DL

Tgt Ion: 62 Resp: 17426

Ion Ratio Lower Upper

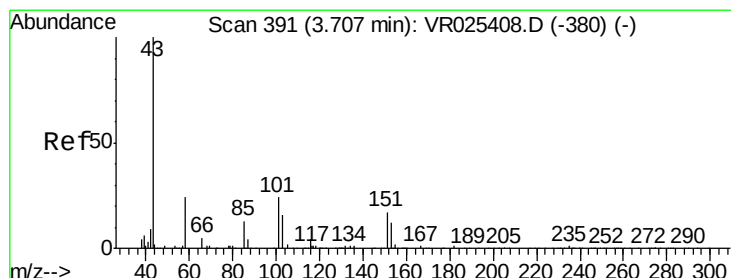
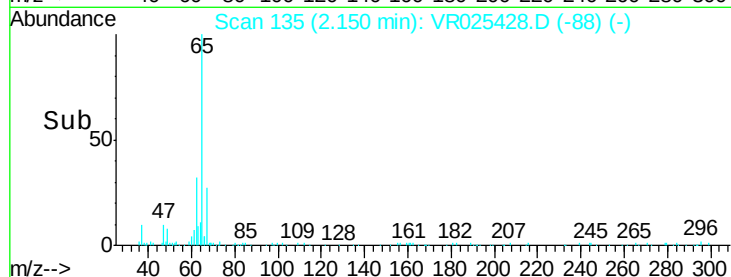
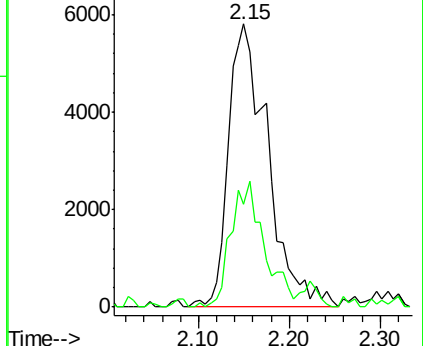
62 100

64 36.2 22.8 42.4



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0



#13

Acetone

Concen: 0.288 ug/L

RT: 3.68 min Scan# 387

Delta R.T. -0.02 min

Lab File: VR025428.D

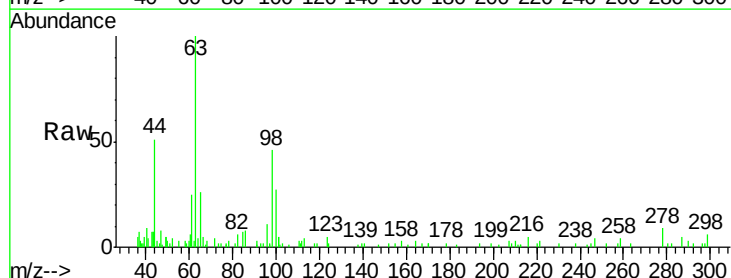
Acq: 25 Jun 2018 14:30

Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

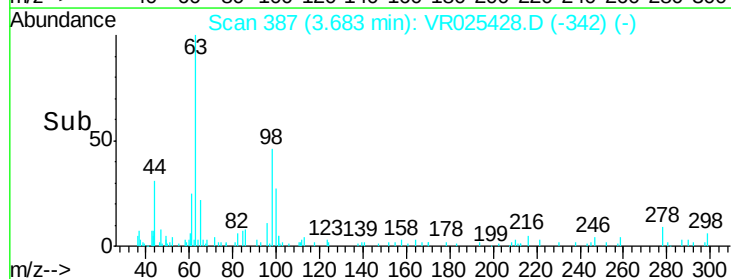
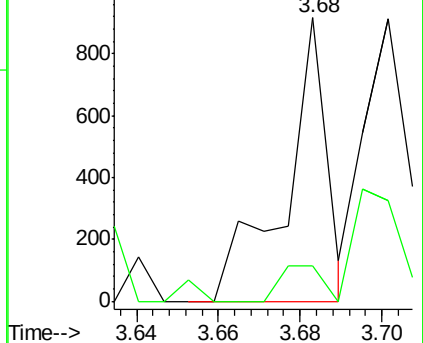
43 100

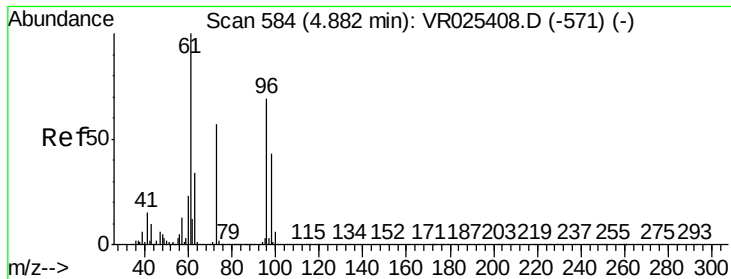
58 3.9 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#18

trans-1,2-Dichloroethene

Concen: 0.256 ug/L

RT: 4.89 min Scan# 585

Delta R.T. 0.01 min

Lab File: VR025428.D

Acq: 25 Jun 2018 14:30

Instrument :

MSVOA_R

ClientSampleId :

DAZB8DL

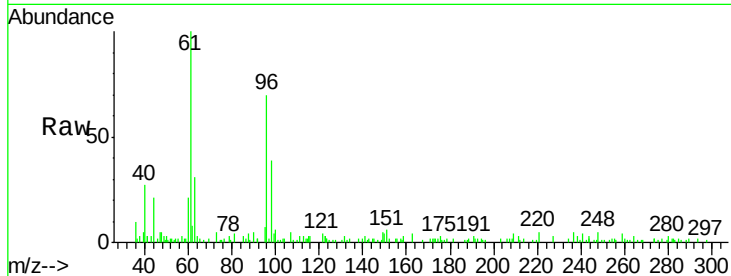
Tgt Ion: 96 Resp: 10077

Ion Ratio Lower Upper

96 100

61 141.8 104.4 193.8

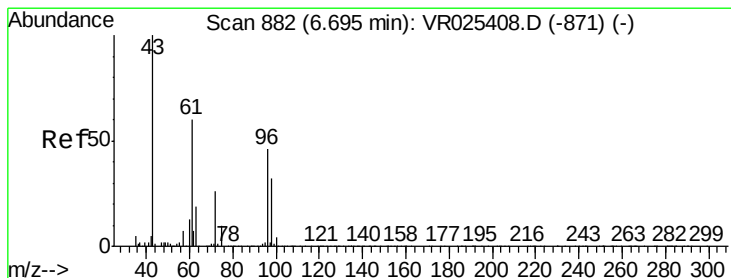
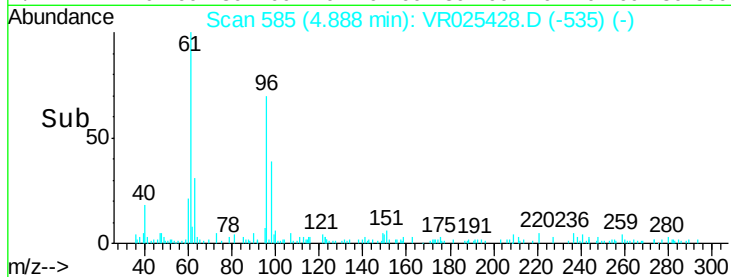
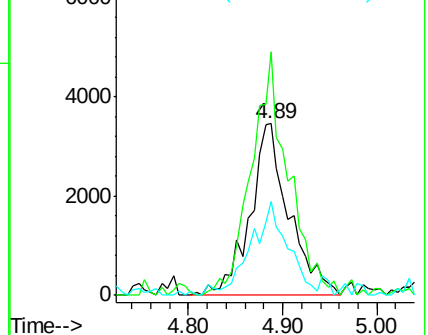
98 54.7 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0



#21

2-Butanone

Concen: 0.507 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025428.D

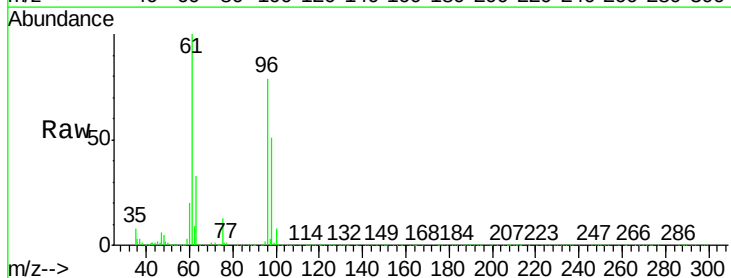
Acq: 25 Jun 2018 14:30

Tgt Ion: 43 Resp: 2696

Ion Ratio Lower Upper

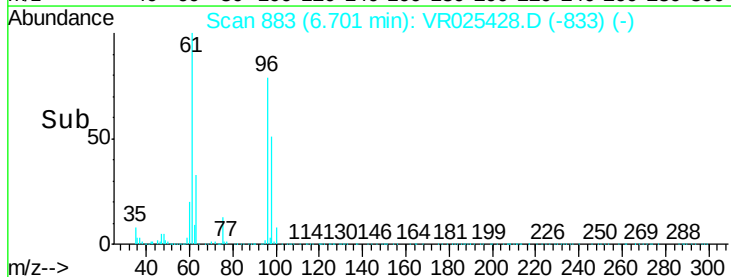
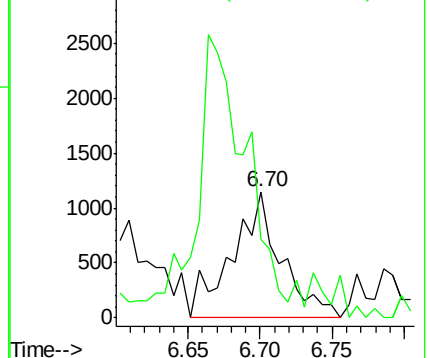
43 100

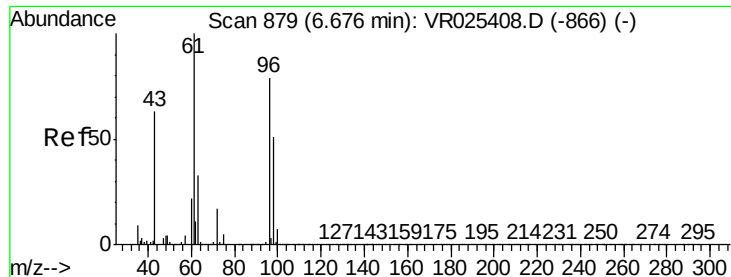
72 205.9 13.0 38.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#22

cis-1,2-Dichloroethene

Concen: 15.513 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025428.D

Acq: 25 Jun 2018 14:30

Instrument :

MSVOA_R

ClientSampleId :

DAZB8DL

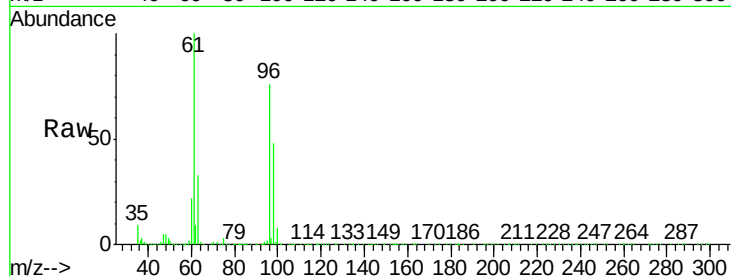
Tgt Ion: 96 Resp: 638403

Ion Ratio Lower Upper

96 100

61 132.3 91.0 169.0

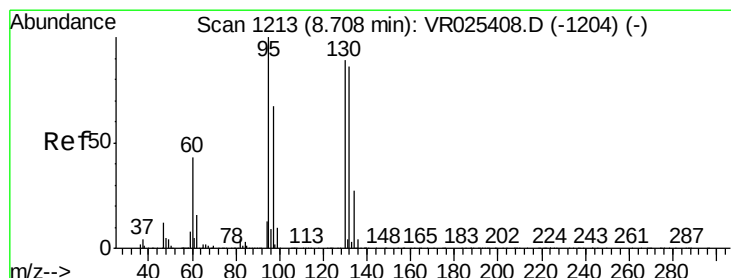
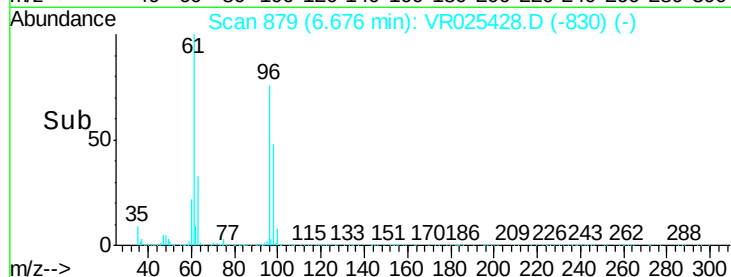
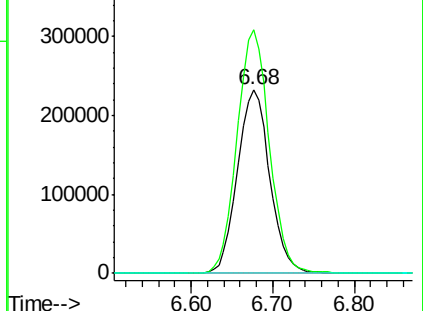
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0



#34

Trichloroethene

Concen: 4.973 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025428.D

Acq: 25 Jun 2018 14:30

Tgt Ion: 95 Resp: 210454

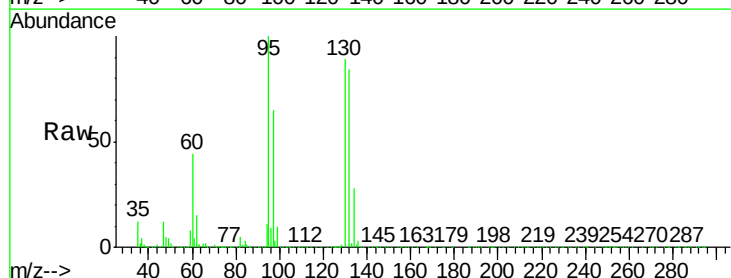
Ion Ratio Lower Upper

95 100

97 64.8 45.6 84.6

132 84.4 60.9 113.1

130 89.4 62.0 115.2

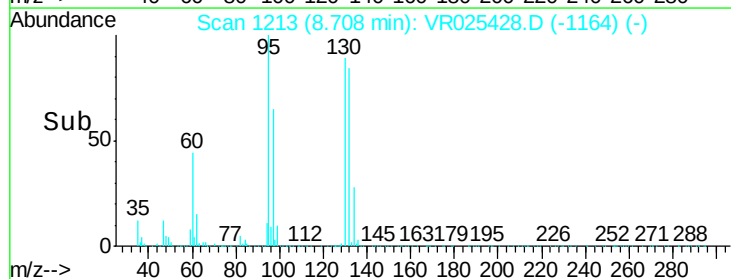
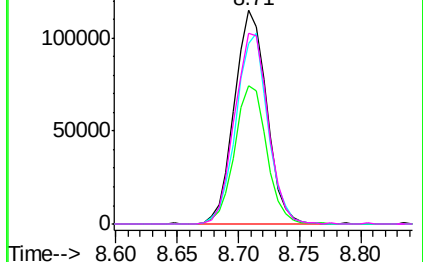


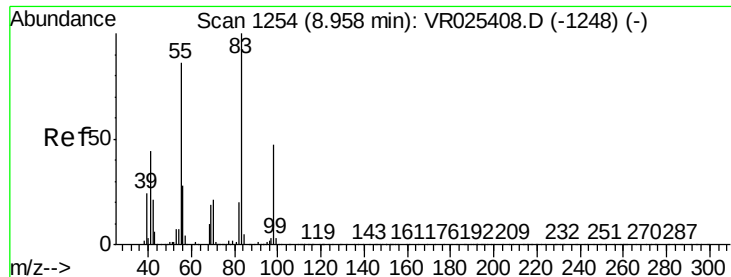
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

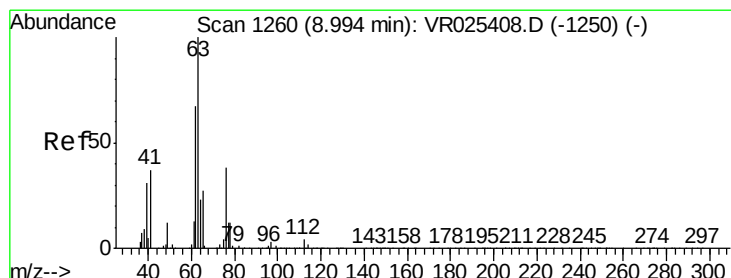
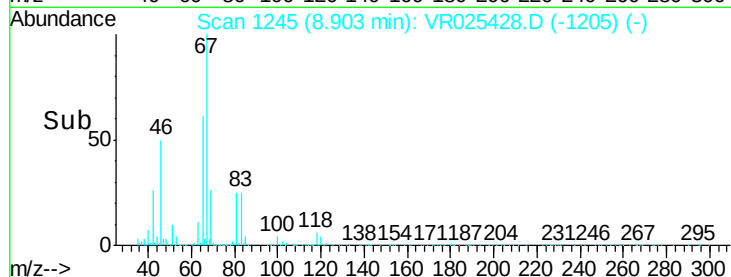
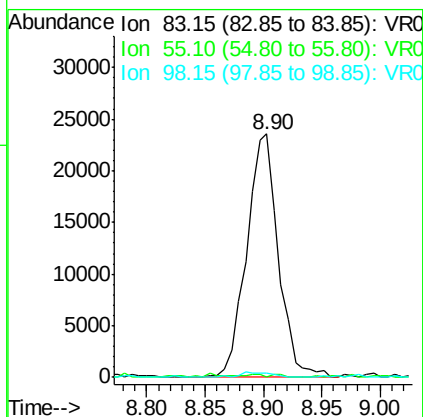
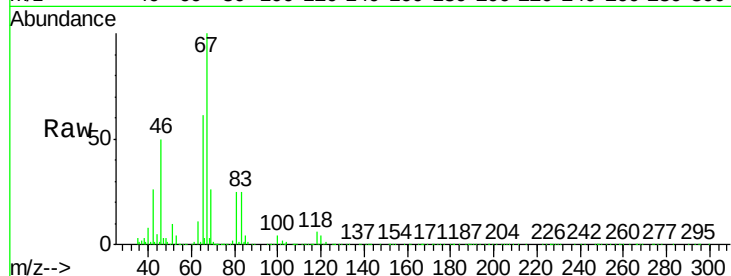




#35
Methylcyclohexane
Concen: 0.667 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025428.D
Acq: 25 Jun 2018 14:30

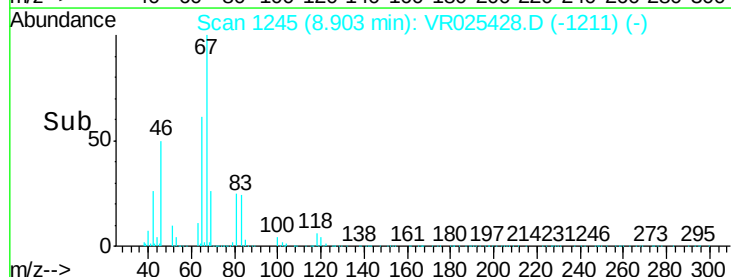
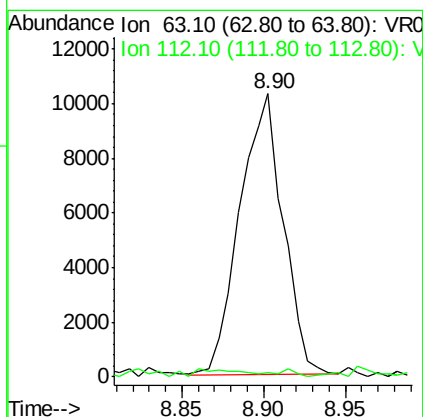
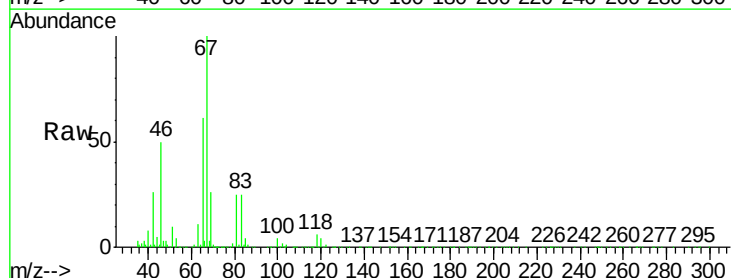
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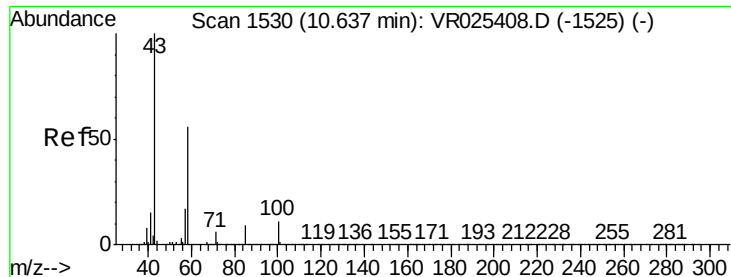
Tgt Ion: 83 Resp: 44572
Ion Ratio Lower Upper
83 100
55 0.5 66.1 99.1#
98 2.3 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025428.D
Acq: 25 Jun 2018 14:30

Tgt Ion: 63 Resp: 18992
Ion Ratio Lower Upper
63 100
112 0.8 2.9 4.3#





#48
 2-Hexanone
 Concen: 2.919 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025428.D
 Acq: 25 Jun 2018 14:30

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB8DL

Tgt Ion: 43 Resp: 23411
 Ion Ratio Lower Upper
 43 100
 58 28.1 43.1 64.7#
 57 36.7 15.3 22.9#
 100 6.1 7.9 11.9#

