

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025571.D
 Acq On : 7 Aug 2018 12:14
 Operator : SY/MD
 Sample : J4358-05
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW5

Quant Time: Aug 08 02:01:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 02:00:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	484459	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	425877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	145262	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	117649	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	2.63	69	106478	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	3.63	63	216484	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	6.60	46	152234	61.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.72%
24) Chloroform-d	7.21	84	247133	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	7.90	65	91914	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	7.86	84	517970	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	8.90	67	147990	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	9.97	98	472333	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	10.24	79	31650	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	10.59	63	152260	62.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74820	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	134797	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

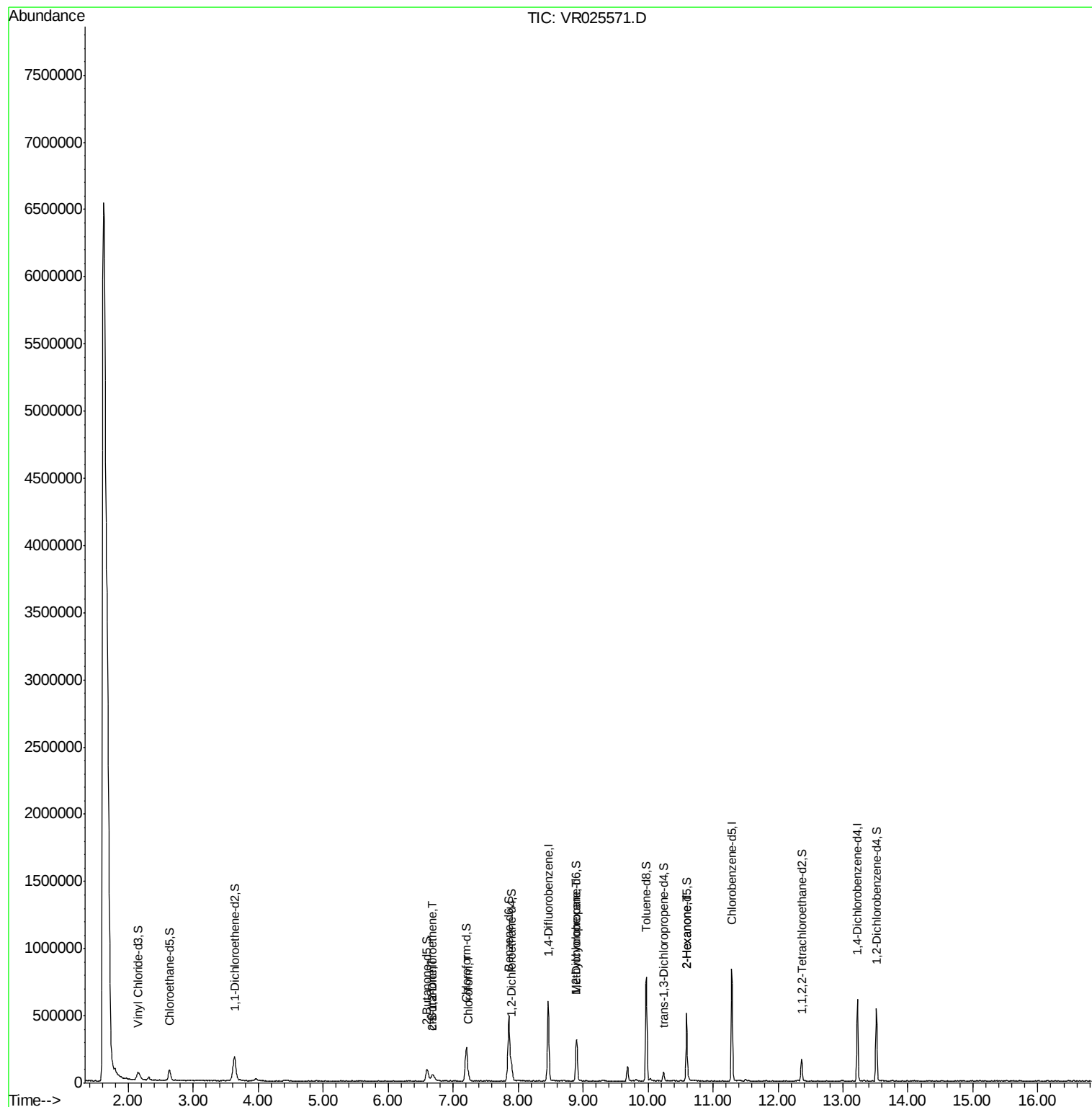
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
21) 2-Butanone	6.69	43	982	0.339	ug/L	88
22) cis-1,2-Dichloroethene	6.68	96	25511	0.843	ug/L	73
25) Chloroform	7.24	83	24242	0.505	ug/L	98
35) Methylcyclohexane	8.90	83	34628	0.704	ug/L #	22
48) 2-Hexanone	10.59	43	18357	3.488	ug/L #	70

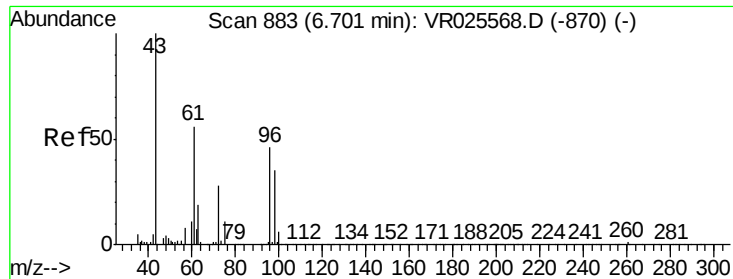
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 08 02:00:36 2018
Response via : Initial Calibration





#21

2-Butanone

Concen: 0.339 ug/L

RT: 6.69 min Scan# 881

Delta R.T. -0.01 min

Lab File: VR025571.D

Acq: 7 Aug 2018 12:14

Instrument :

MSVOA_R

ClientSampleId :

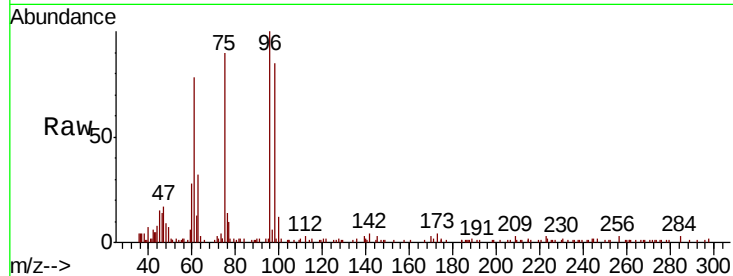
ESWW5

Tgt Ion: 43 Resp: 982

Ion Ratio Lower Upper

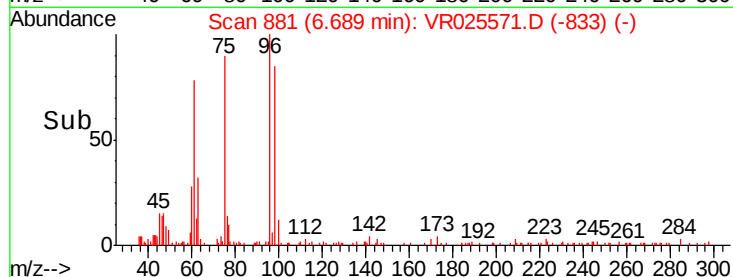
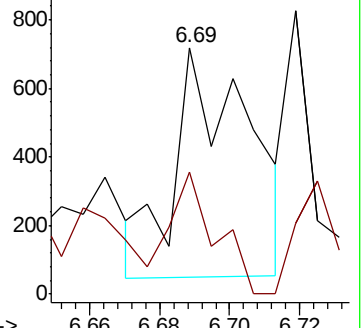
43 100

72 32.8 13.2 39.6

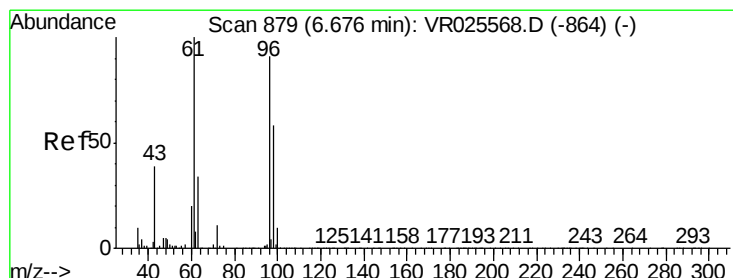


Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.843 ug/L

RT: 6.68 min Scan# 880

Delta R.T. -0.00 min

Lab File: VR025571.D

Acq: 7 Aug 2018 12:14

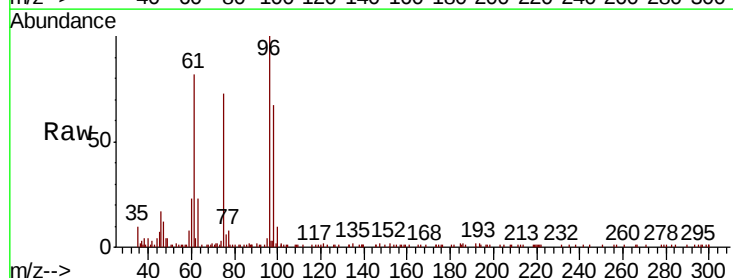
Tgt Ion: 96 Resp: 25511

Ion Ratio Lower Upper

96 100

61 81.9 77.7 144.3

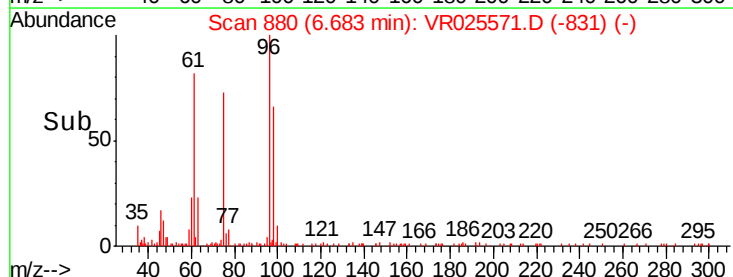
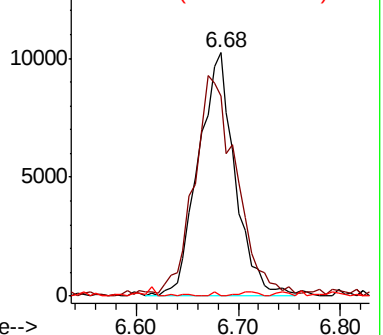
68 0.0 0.0 0.0



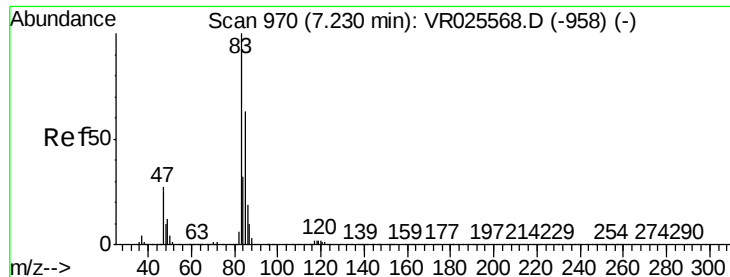
Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0



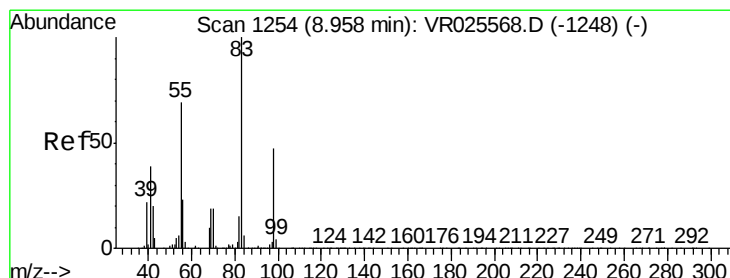
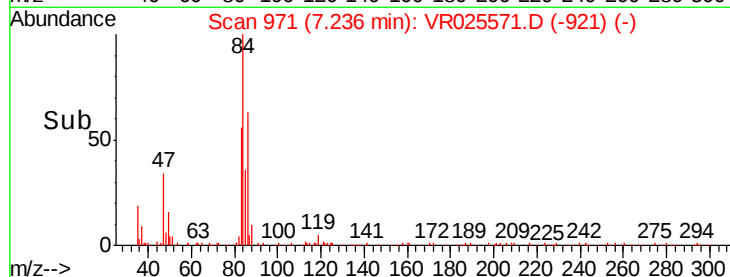
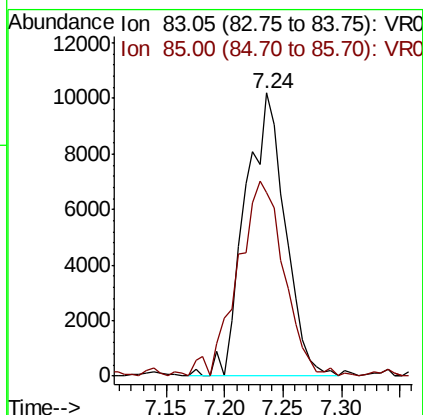
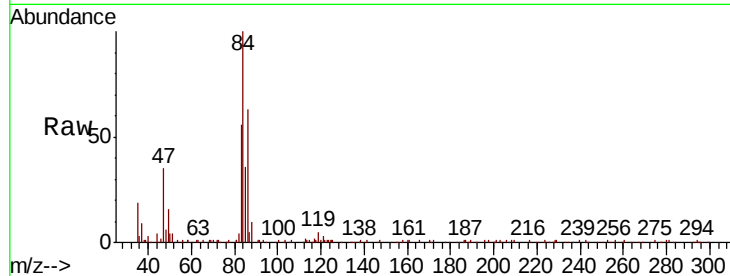
Time-->



#25
Chloroform
Concen: 0.505 ug/L
RT: 7.24 min Scan# 971
Delta R.T. 0.01 min
Lab File: VR025571.D
Acq: 7 Aug 2018 12:14

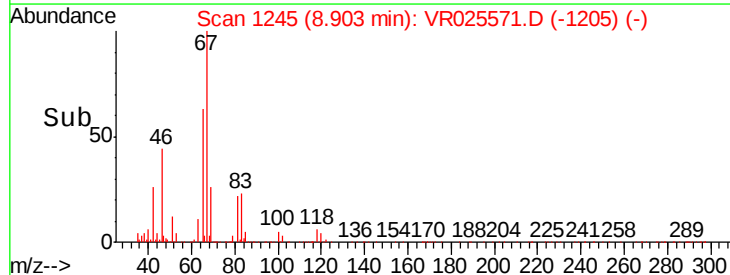
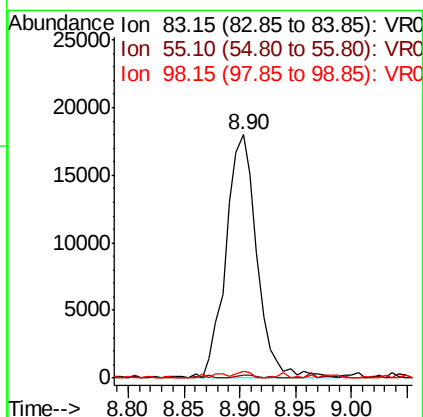
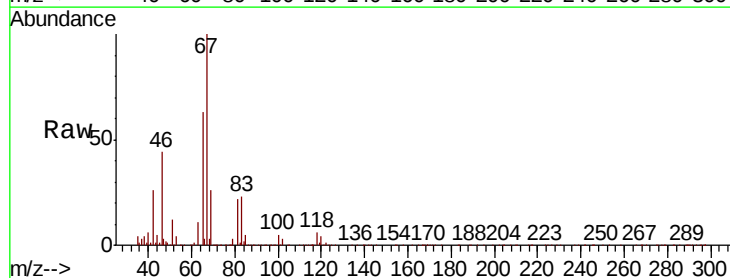
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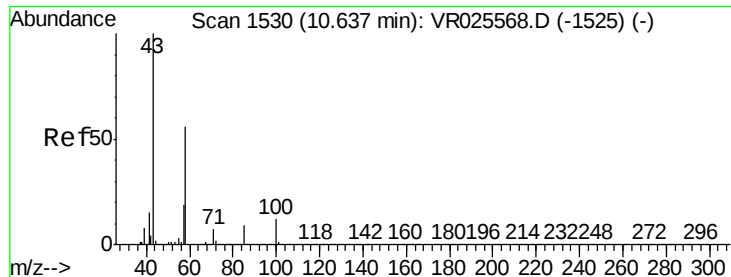
Tgt Ion: 83 Resp: 24242
Ion Ratio Lower Upper
83 100
85 64.7 46.5 86.3



#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025571.D
Acq: 7 Aug 2018 12:14

Tgt Ion: 83 Resp: 34628
Ion Ratio Lower Upper
83 100
55 1.0 58.3 87.5#
98 2.5 37.8 56.6#





#48

2-Hexanone

Concen: 3.488 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025571.D

Acq: 7 Aug 2018 12:14

Instrument :

MSVOA_R

ClientSampleId :

ESWW5

Tgt Ion: 43 Resp: 18357

Ion Ratio Lower Upper

43 100

58 29.9 45.0 67.6#

57 30.4 15.8 23.6#

100 7.7 9.3 13.9#

