

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025673.D
 Acq On : 5 Sep 2018 17:07
 Operator : SY/MD
 Sample : J4749-06MSD
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E5FA8MSD

Quant Time: Sep 06 03:37:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	473467	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	398210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	119863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	115946	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	2.62	69	105564	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	3.63	63	309010	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	6.60	46	119511	50.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	7.21	84	229441	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	7.90	65	84028	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	7.86	84	531708	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	8.90	67	157941	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	9.97	98	494693	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	10.24	79	29484	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	147185	57.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67901	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	109808	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

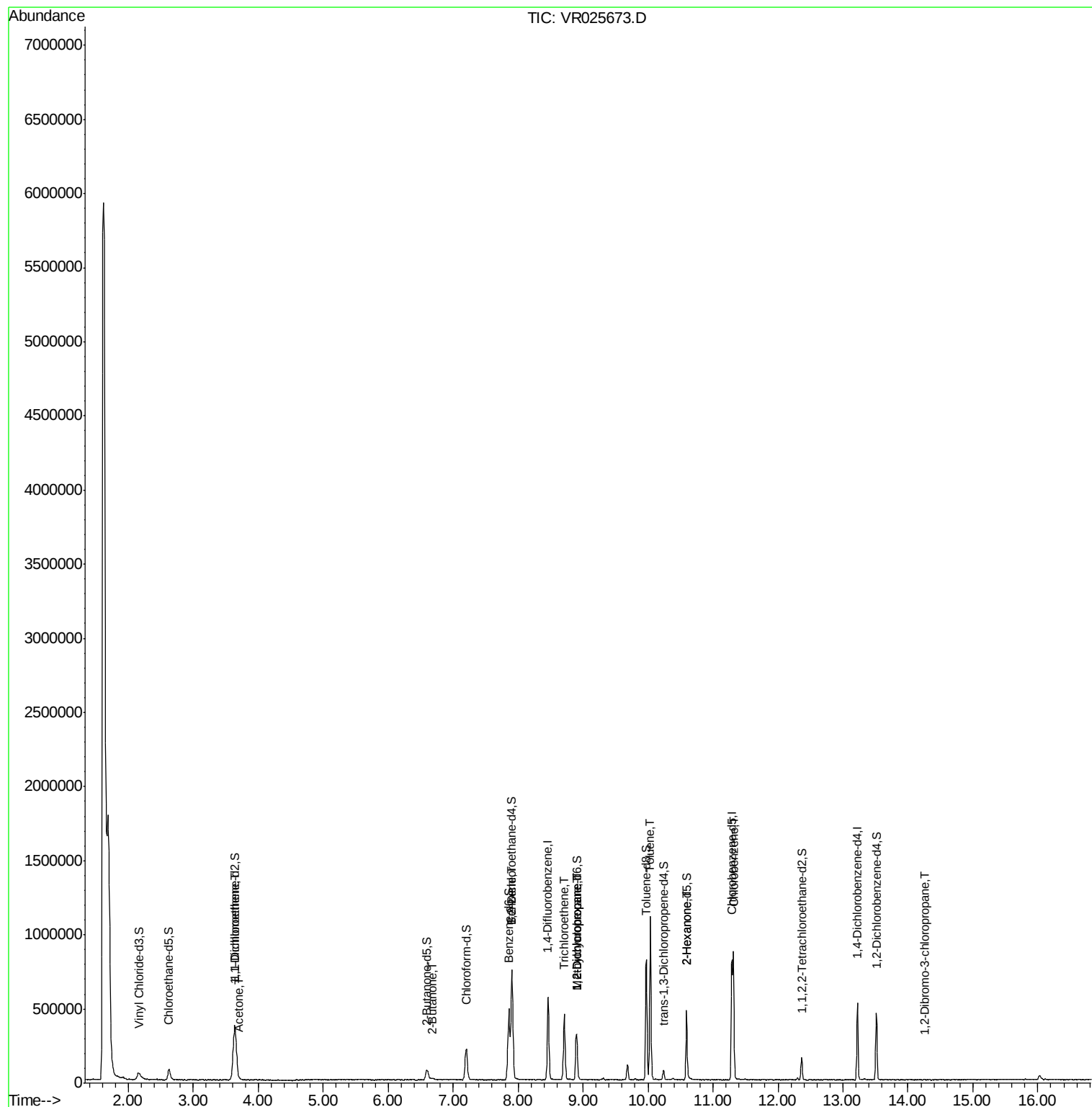
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.65	96	152394	4.10	ug/L	# 76
13) Acetone	3.71	43	3100	2.12	ug/L	97
21) 2-Butanone	6.68	43	961	0.33	ug/L	87
33) Benzene	7.91	78	669824	4.61	ug/L	100
34) Trichloroethene	8.71	95	149437	4.49	ug/L	95
35) Methylcyclohexane	8.90	83	34506	0.64	ug/L	# 22
37) 1,2-Dichloropropane	8.90	63	15465	0.48	ug/L	# 98
42) Toluene	10.03	91	729689	5.11	ug/L	99
48) 2-Hexanone	10.59	43	18556	3.44	ug/L	# 62
51) Chlorobenzene	11.31	112	415228	4.67	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.27	75	317	0.37	ug/L	93

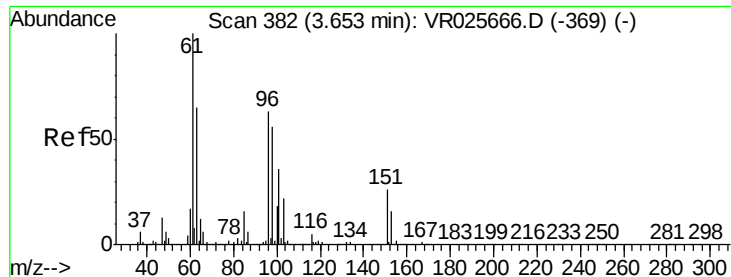
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.10 ug/L

RT: 3.65 min Scan# 382

Delta R.T. 0.00 min

Lab File: VR025673.D

Acq: 5 Sep 2018 17:07

Instrument :

MSVOA_R

ClientSampleId :

E5FA8MSD

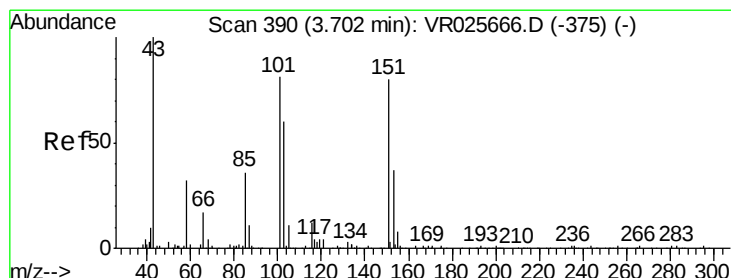
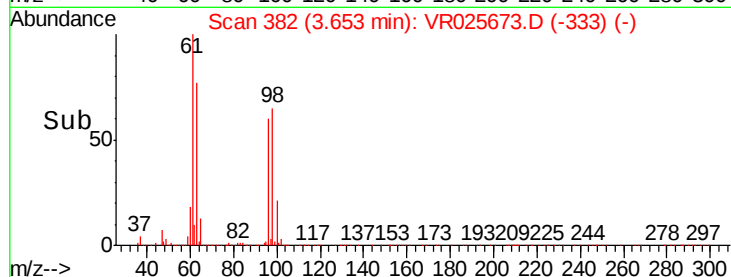
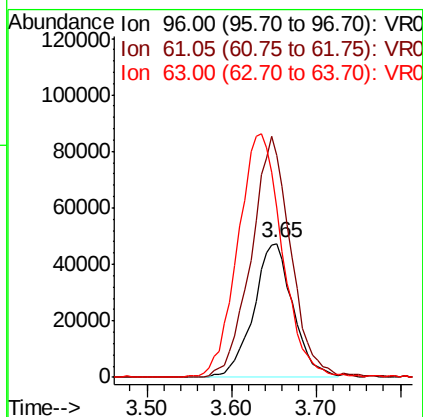
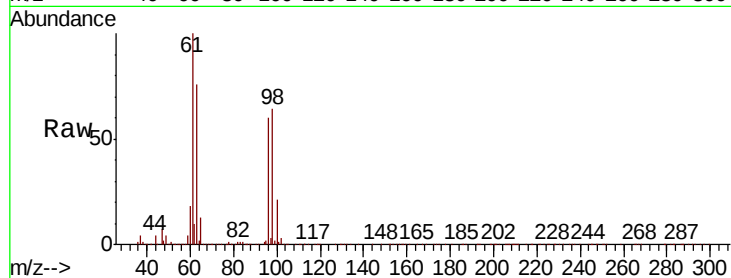
Tot Ion: 96 Resp: 152394

Ion Ratio Lower Upper

96 100

61 165.9 119.8 222.6

63 126.7 131.1 243.5#



#13

Acetone

Concen: 2.12 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025673.D

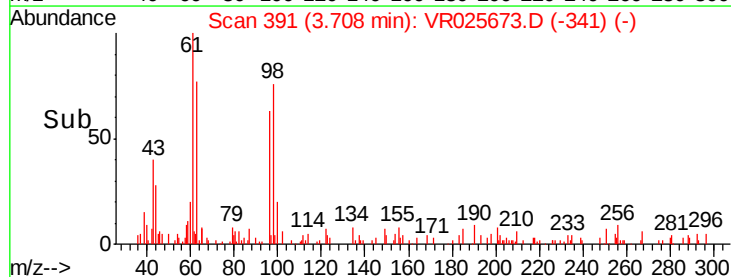
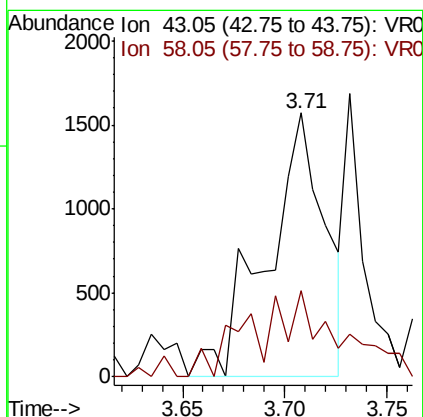
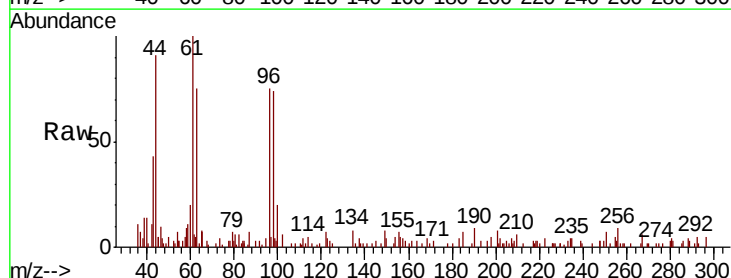
Acq: 5 Sep 2018 17:07

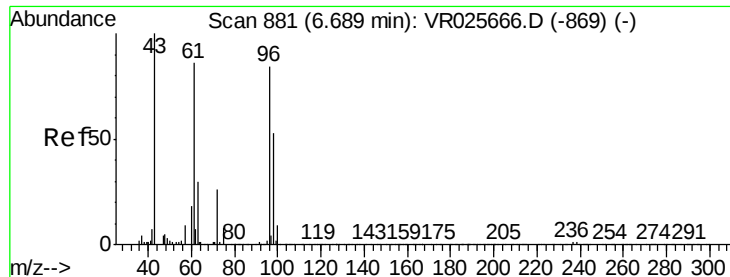
Tgt Ion: 43 Resp: 3100

Ion Ratio Lower Upper

43 100

58 33.5 0.0 63.4





#21

2-Butanone

Concen: 0.33 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

Lab File: VR025673.D

Acq: 5 Sep 2018 17:07

Instrument :

MSVOA_R

ClientSampleId :

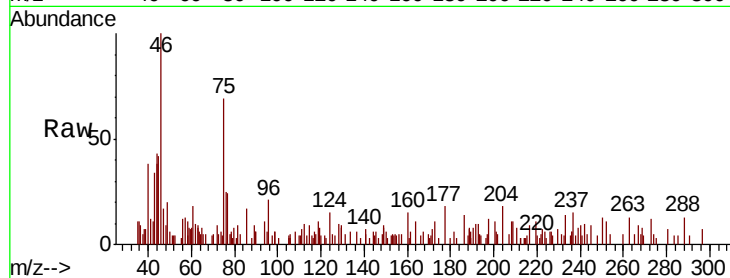
E5FA8MSD

Tot Ion: 43 Resp: 961

Ion Ratio Lower Upper

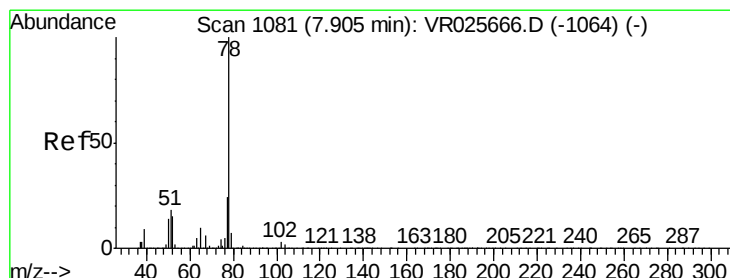
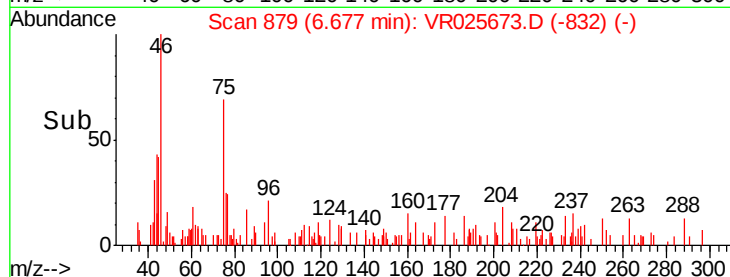
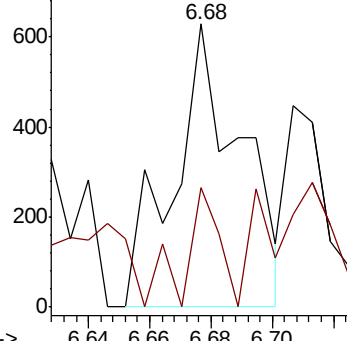
43 100

72 21.4 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#33

Benzene

Concen: 4.61 ug/L

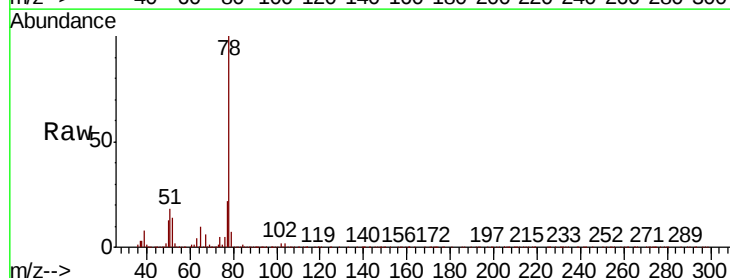
RT: 7.91 min Scan# 1081

Delta R.T. 0.00 min

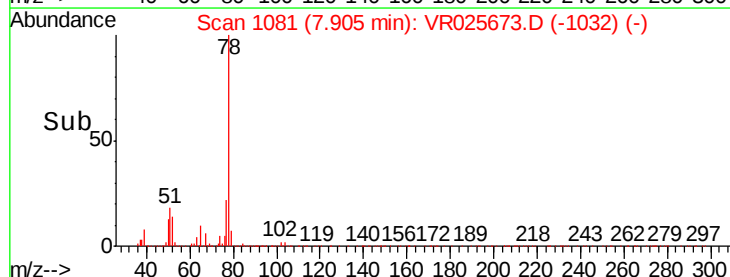
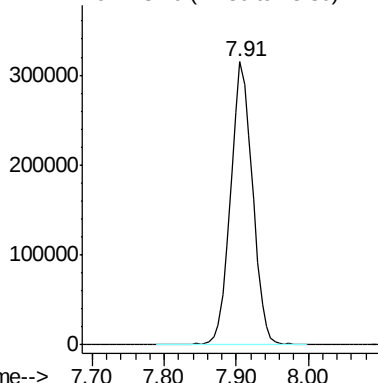
Lab File: VR025673.D

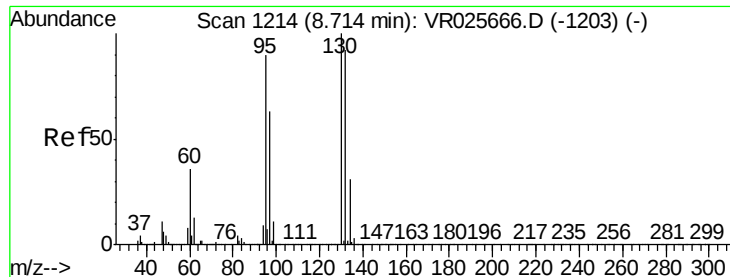
Acq: 5 Sep 2018 17:07

Tgt Ion: 78 Resp: 669824



Abundance Ion 78.10 (77.80 to 78.80): VR0





#34

Trichloroethene

Concen: 4.49 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.00 min

Lab File: VR025673.D

Acq: 5 Sep 2018 17:07

Instrument :

MSVOA_R

ClientSampleId :

E5FA8MSD

Tot Ion: 95 Resp: 149437

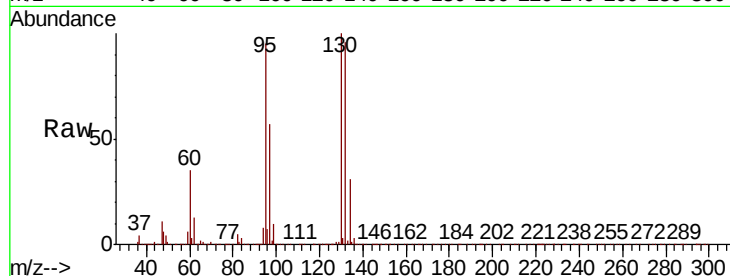
Ion Ratio Lower Upper

95 100

97 59.9 45.7 84.9

132 101.4 66.6 123.6

130 105.7 72.2 134.0

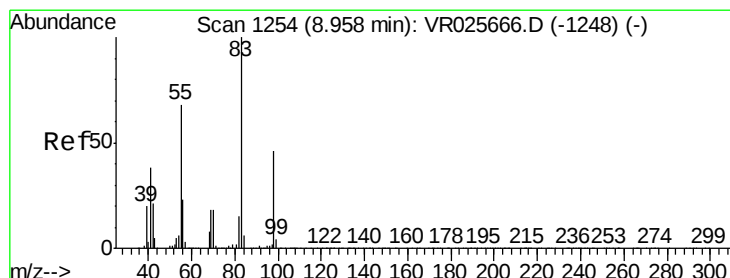
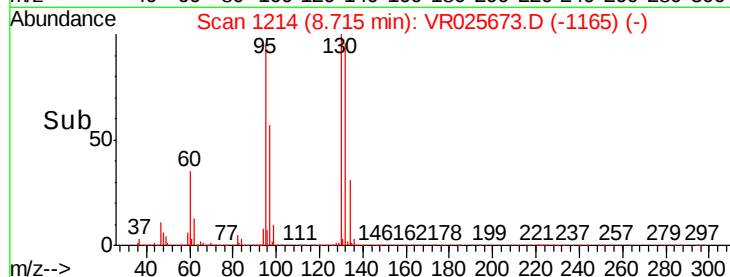
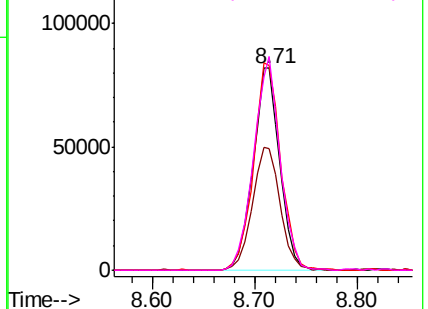


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.64 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025673.D

Acq: 5 Sep 2018 17:07

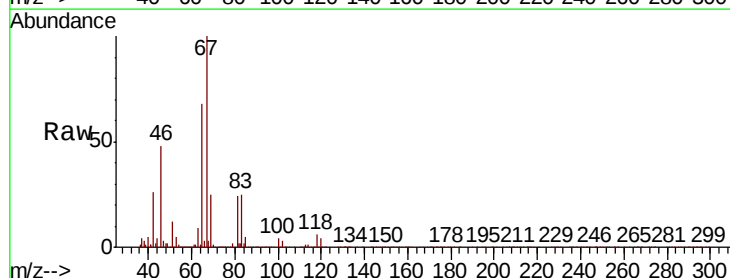
Tgt Ion: 83 Resp: 34506

Ion Ratio Lower Upper

83 100

55 1.2 56.7 85.1#

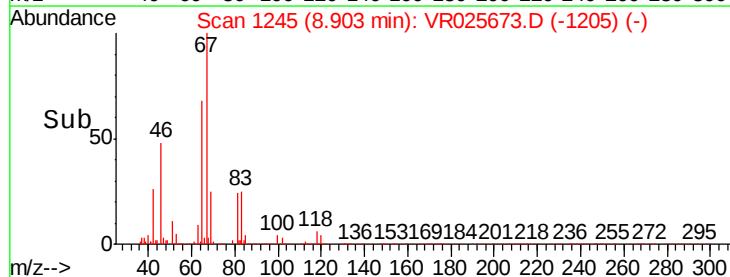
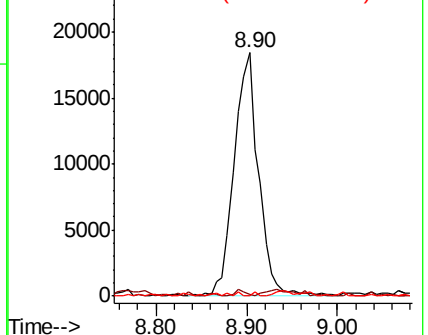
98 0.6 35.8 53.8#

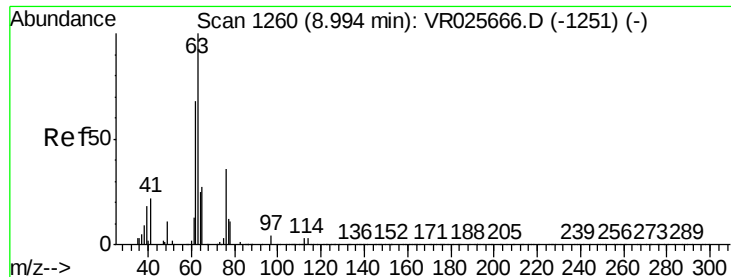


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.48 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025673.D

Acq: 5 Sep 2018 17:07

Instrument :

MSVOA_R

ClientSampleId :

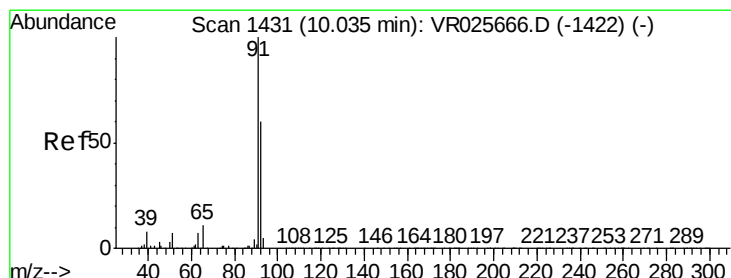
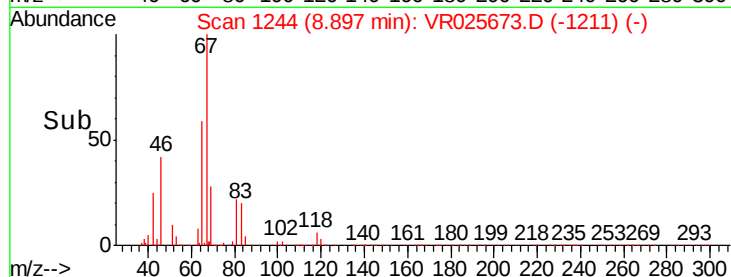
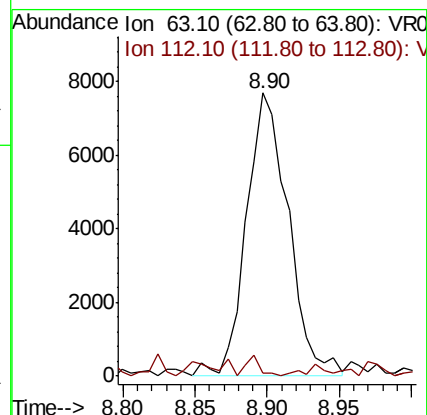
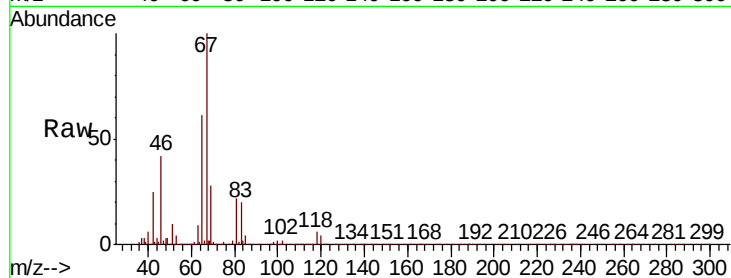
E5FA8MSD

Tot Ion: 63 Resp: 15465

Ion Ratio Lower Upper

63 100

112 2.4 2.5 3.7#



#42

Toluene

Concen: 5.11 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025673.D

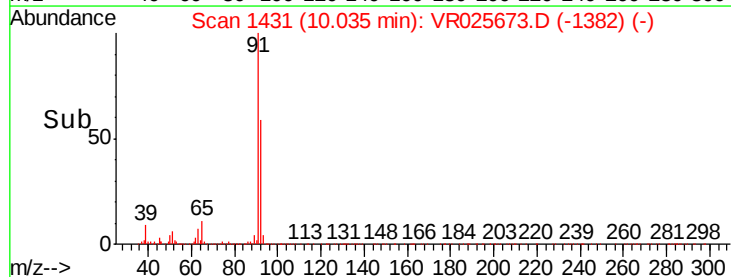
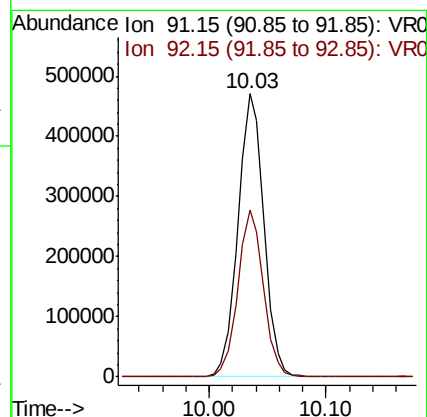
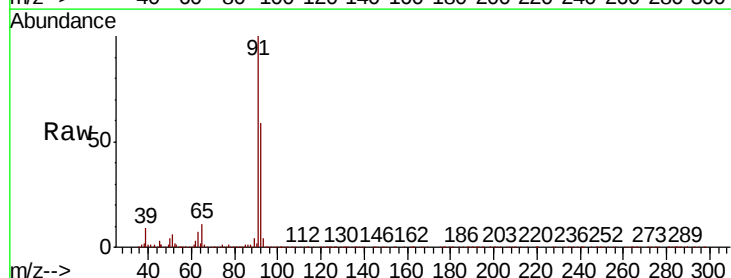
Acq: 5 Sep 2018 17:07

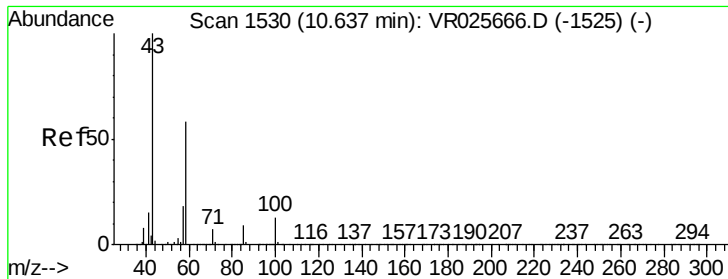
Tgt Ion: 91 Resp: 729689

Ion Ratio Lower Upper

91 100

92 59.0 42.0 78.0

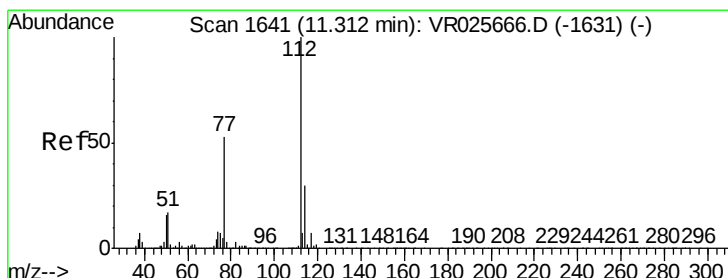
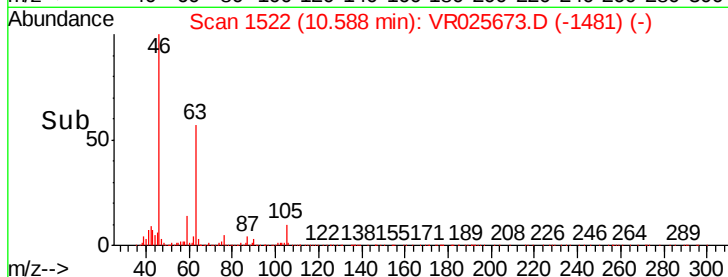
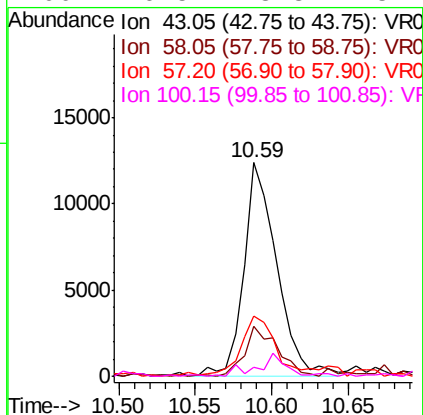
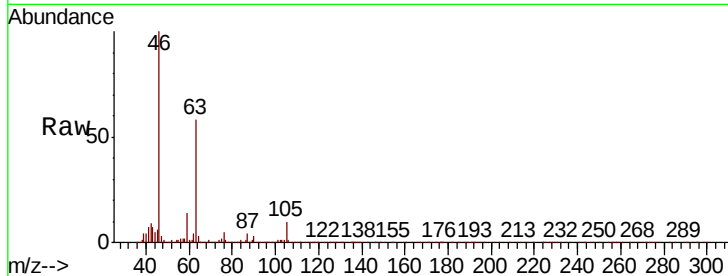




#48
2-Hexanone
Concen: 3.44 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025673.D
Acq: 5 Sep 2018 17:07

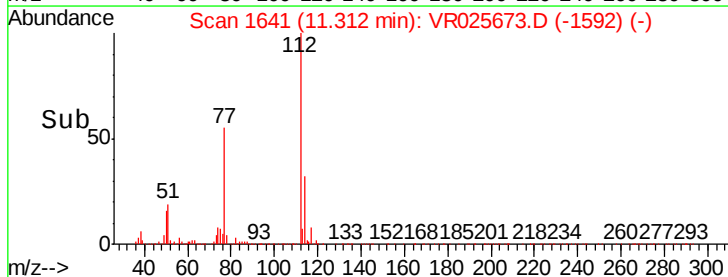
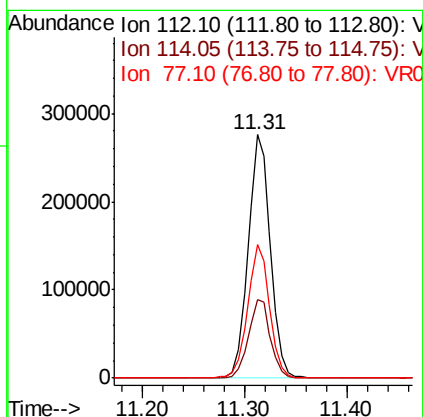
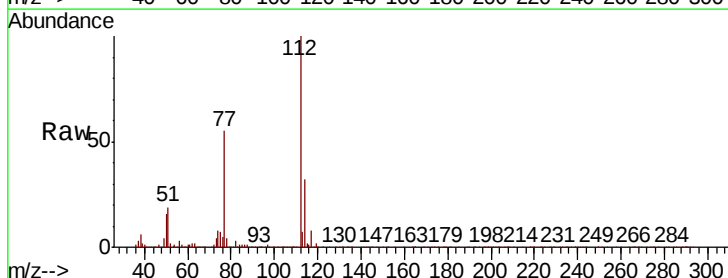
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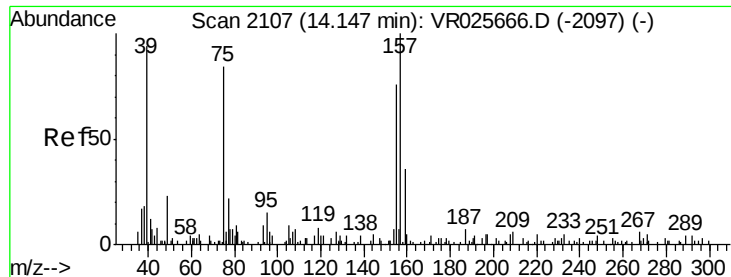
Tot Ion:	43	Resp:	18556
Ion	Ratio	Lower	Upper
43	100		
58	23.4	46.4	69.6#
57	28.7	14.3	21.5#
100	6.5	8.8	13.2#



#51
Chlorobenzene
Concen: 4.67 ug/L
RT: 11.31 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VR025673.D
Acq: 5 Sep 2018 17:07

Tgt Ion:	112	Resp:	415228
Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.8	40.4
77	54.7	43.0	64.4





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.37 ug/L
 RT: 14.27 min Scan# 2127
 Delta R.T. 0.12 min
 Lab File: VR025673.D
 Acq: 5 Sep 2018 17:07

Instrument :
 MSVOA_R
 ClientSampleId :
 E5FA8MSD

Tot Ion: 75 Resp: 317
 Ion Ratio Lower Upper
 75 100
 155 57.9 55.2 82.8
 157 115.0 89.4 134.2

