

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071918\
 Data File : VR025522.D
 Acq On : 19 Jul 2018 15:36
 Operator : SY/MD
 Sample : J3960-10
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AE8

Quant Time: Jul 20 01:24:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 01:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	613704	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	501514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	178965	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	119857	7.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	141.60%#
7) Chloroethane-d5	2.64	69	95187	6.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.00%#
11) 1,1-Dichloroethene-d2	3.63	63	240378	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	6.60	46	275348	52.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.80%
24) Chloroform-d	7.20	84	443947	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	7.90	65	167789	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	7.86	84	981334	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
36) 1,2-Dichloropropane-d6	8.90	67	267135	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	9.97	98	861500	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
43) trans-1,3-Dichloropropene-	10.24	79	65167	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	10.59	63	236585	56.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	113469	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	189485	6.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.20%#

Target Compounds

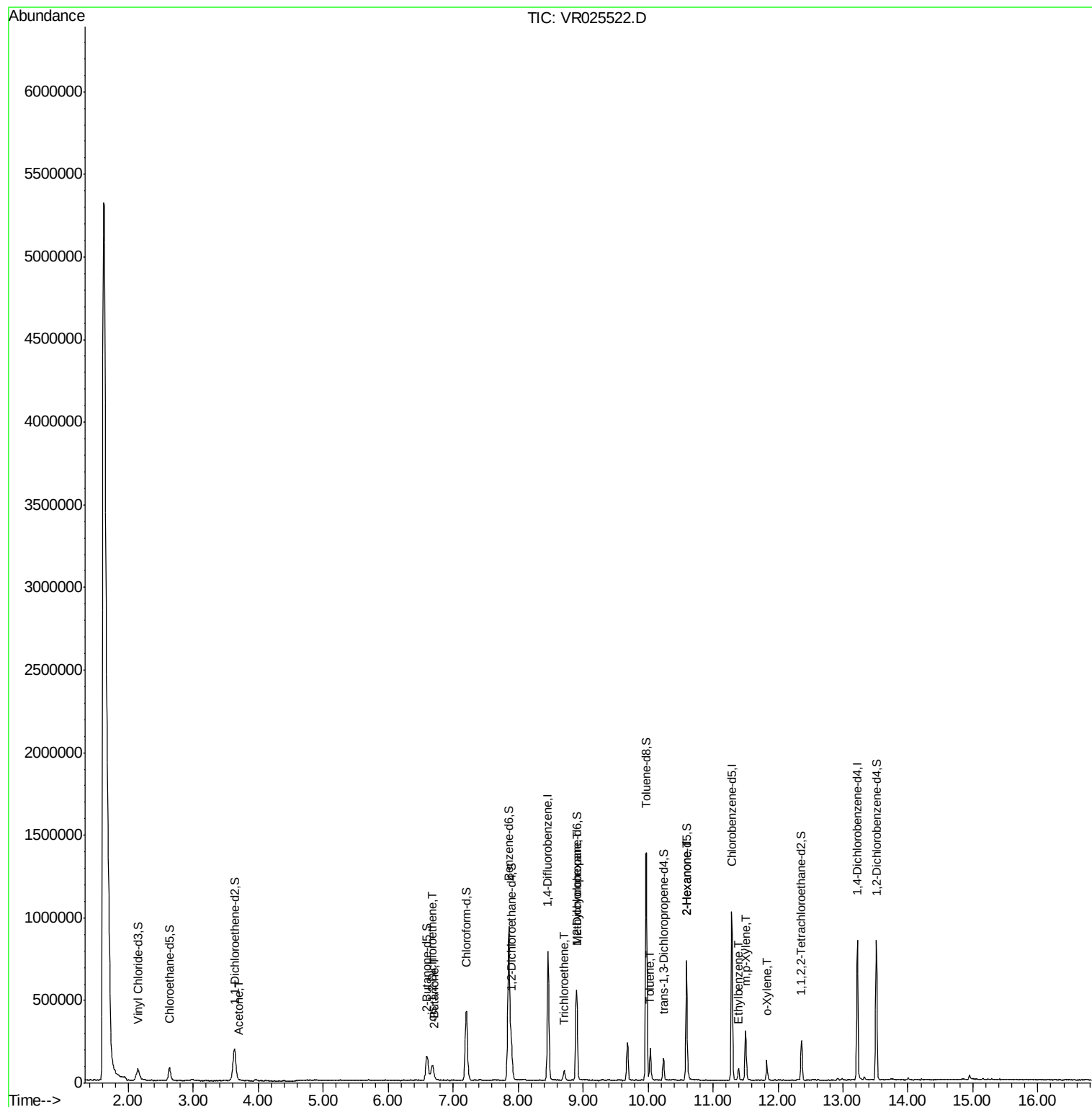
					Qvalue
13) Acetone	3.71	43	7554	3.191 ug/L	69
21) 2-Butanone	6.71	43	4472	0.811 ug/L #	31
22) cis-1,2-Dichloroethene	6.68	96	51872	1.238 ug/L #	87
34) Trichloroethene	8.71	95	22420	0.509 ug/L	94
35) Methylcyclohexane	8.90	83	61375	1.043 ug/L #	18
42) Toluene	10.03	91	125248	0.745 ug/L	99
48) 2-Hexanone	10.59	43	29250	3.652 ug/L #	66
52) Ethylbenzene	11.39	91	38784	0.215 ug/L	98
53) m,p-Xylene	11.50	106	81706	1.208 ug/L	96
54) o-Xylene	11.83	106	28809	0.494 ug/L	91

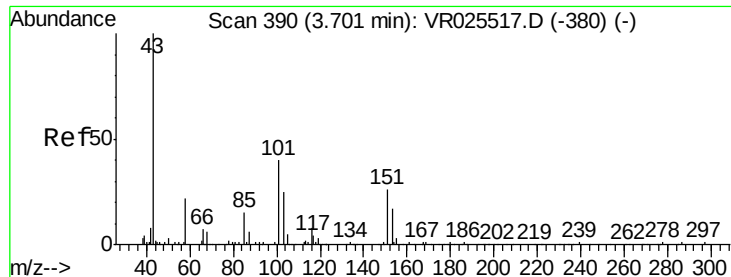
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR071918\
Data File : VR025522.D
Acq On : 19 Jul 2018 15:36
Operator : SY/MD
Sample : J3960-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AE8

Quant Time: Jul 20 01:24:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 20 01:22:24 2018
Response via : Initial Calibration

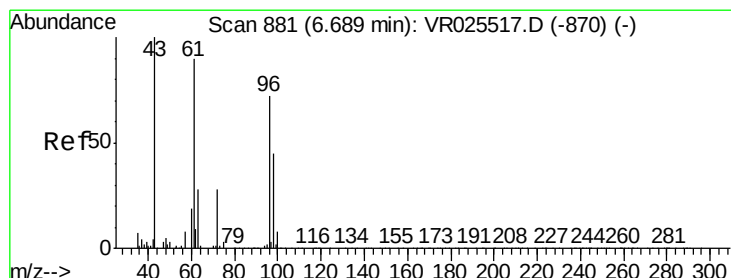
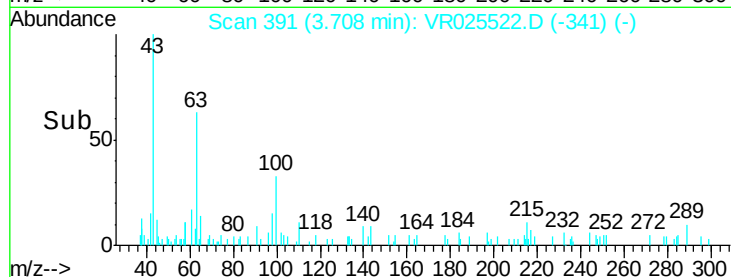
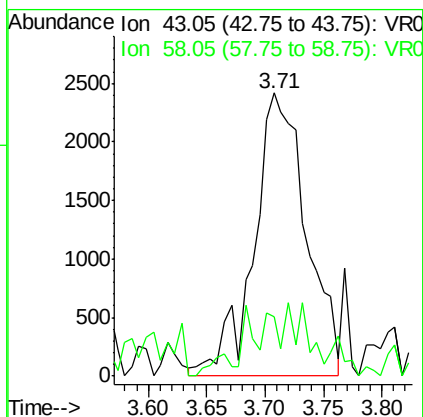
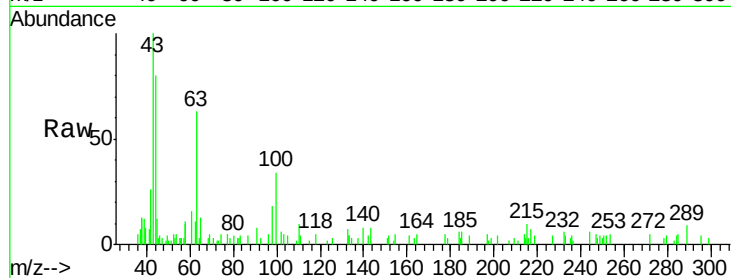




#13
Acetone
Concen: 3.191 ug/L
RT: 3.71 min Scan# 391
Delta R.T. 0.01 min
Lab File: VR025522.D
Acq: 19 Jul 2018 15:36

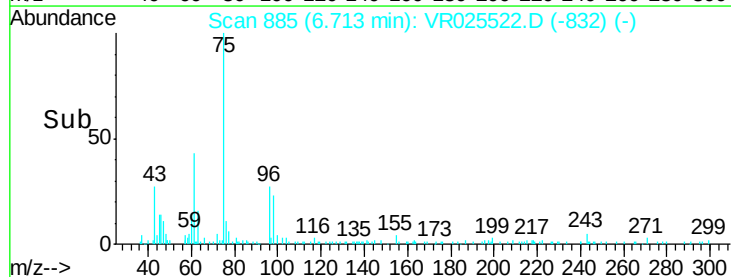
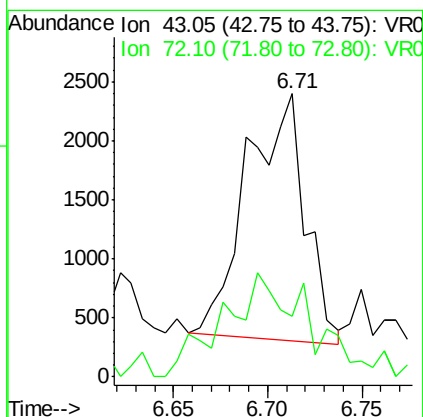
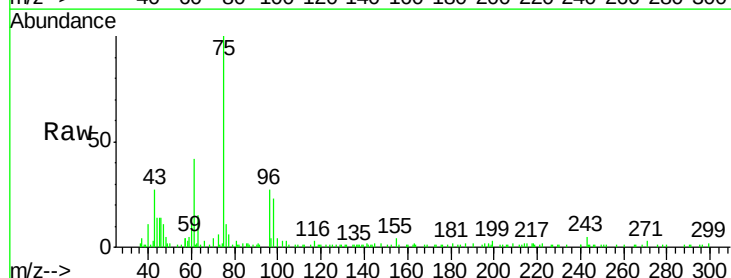
Instrument :
MSVOA_R
ClientSampleId :
C0AE8

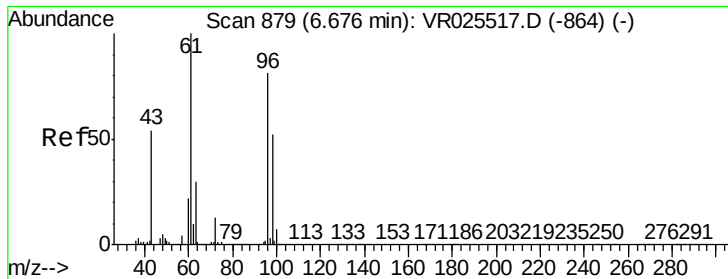
Tgt Ion: 43 Resp: 7554
Ion Ratio Lower Upper
43 100
58 6.2 0.0 41.6



#21
2-Butanone
Concen: 0.811 ug/L
RT: 6.71 min Scan# 885
Delta R.T. 0.02 min
Lab File: VR025522.D
Acq: 19 Jul 2018 15:36

Tgt Ion: 43 Resp: 4472
Ion Ratio Lower Upper
43 100
72 61.0 13.0 38.9#



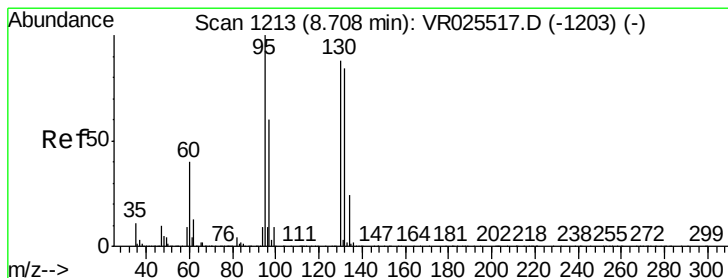
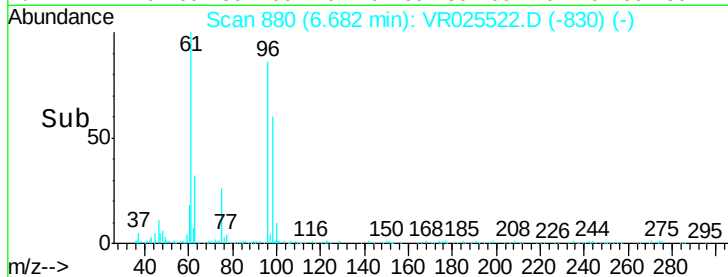
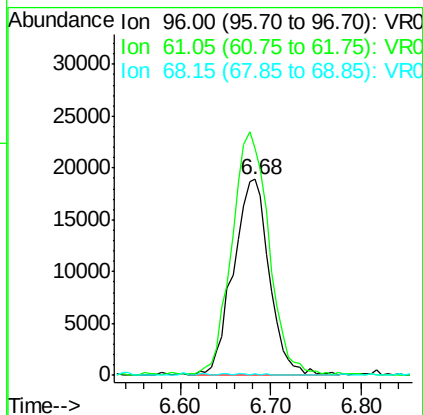
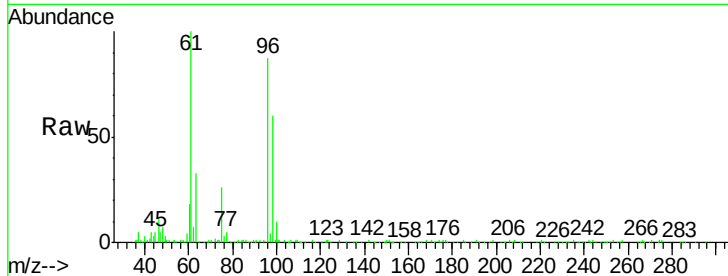


#22

cis-1,2-Dichloroethene
Concen: 1.238 ug/L
RT: 6.68 min Scan# 880
Delta R.T. 0.01 min
Lab File: VR025522.D
Acq: 19 Jul 2018 15:36

Instrument :
MSVOA_R
ClientSampleId :
C0AE8

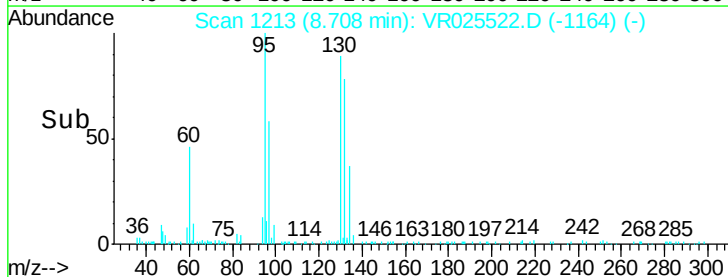
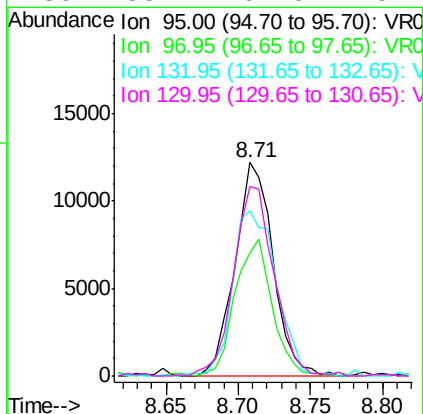
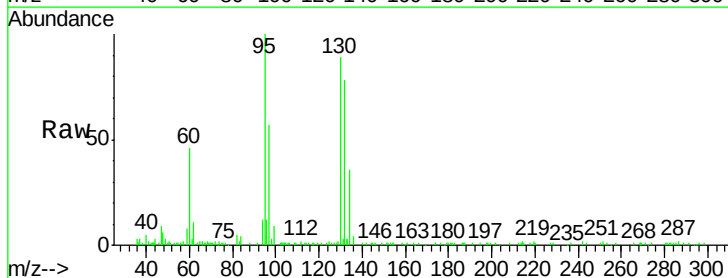
Tgt Ion: 96 Resp: 51872
Ion Ratio Lower Upper
96 100
61 115.4 91.0 169.0
68 0.6 0.0 0.0#

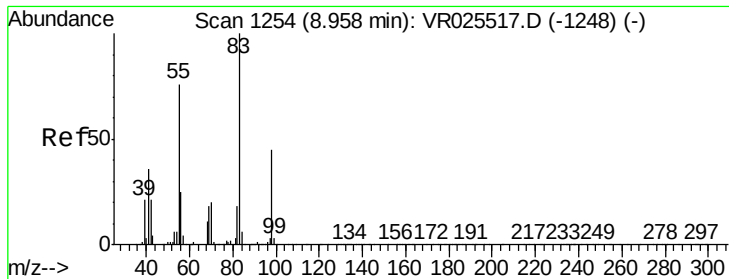


#34

Trichloroethene
Concen: 0.509 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025522.D
Acq: 19 Jul 2018 15:36

Tgt Ion: 95 Resp: 22420
Ion Ratio Lower Upper
95 100
97 57.3 45.6 84.6
132 77.6 60.9 113.1
130 88.7 62.0 115.2

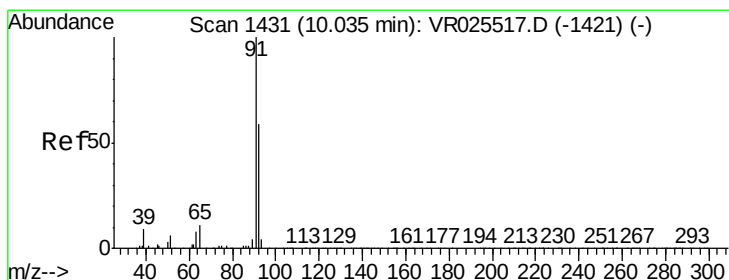
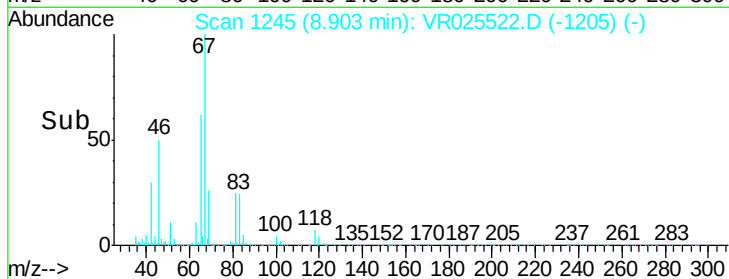
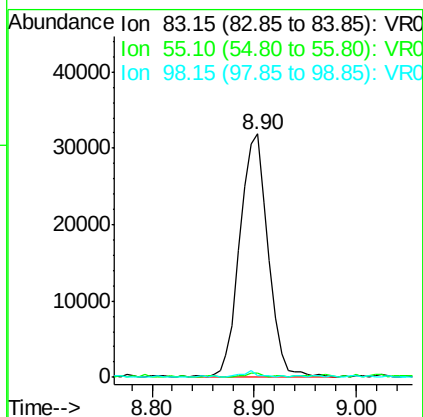
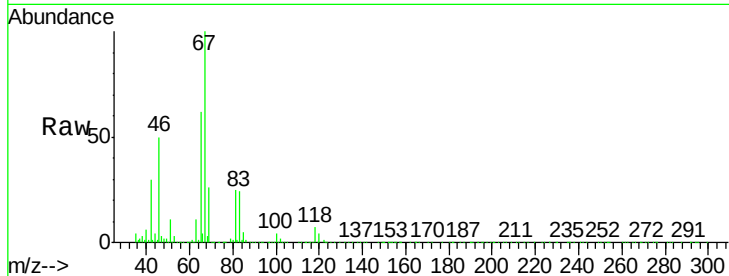




#35
Methylcyclohexane
Concen: 1.043 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025522.D
Acq: 19 Jul 2018 15:36

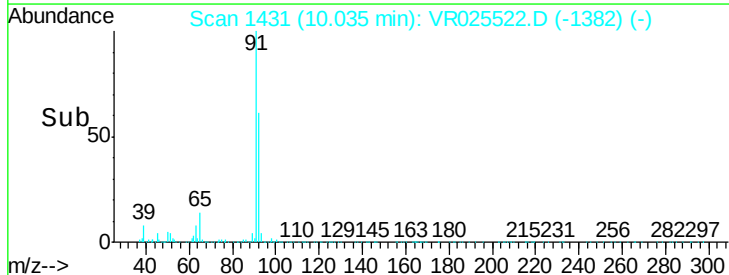
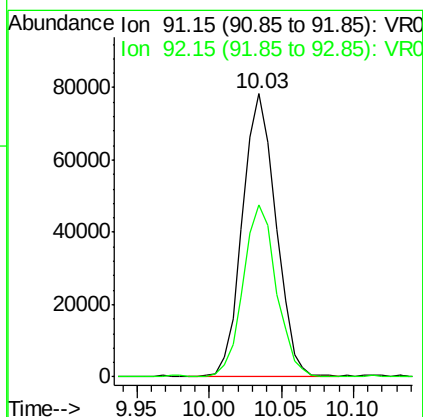
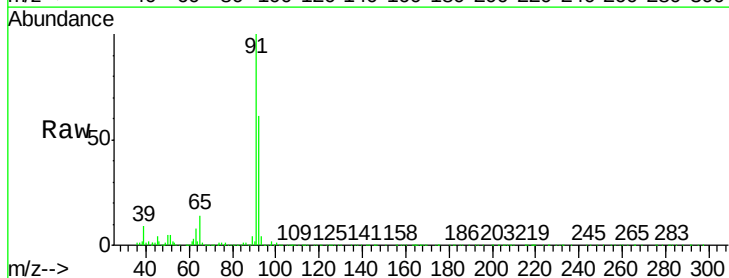
Instrument :
MSVOA_R
ClientSampleId :
C0AE8

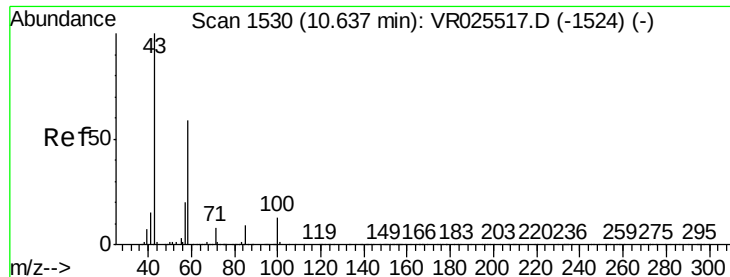
Tgt Ion: 83 Resp: 61375
Ion Ratio Lower Upper
83 100
55 1.1 66.1 99.1#
98 1.8 36.2 54.4#



#42
Toluene
Concen: 0.745 ug/L
RT: 10.03 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VR025522.D
Acq: 19 Jul 2018 15:36

Tgt Ion: 91 Resp: 125248
Ion Ratio Lower Upper
91 100
92 60.6 41.9 77.7

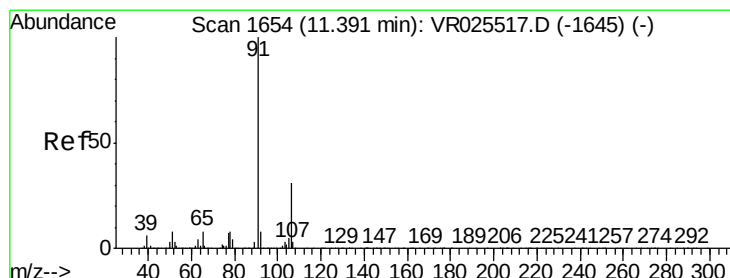
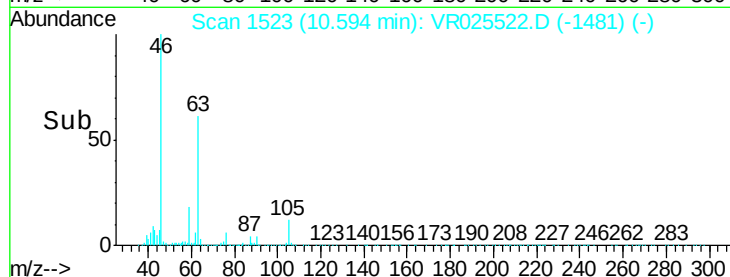
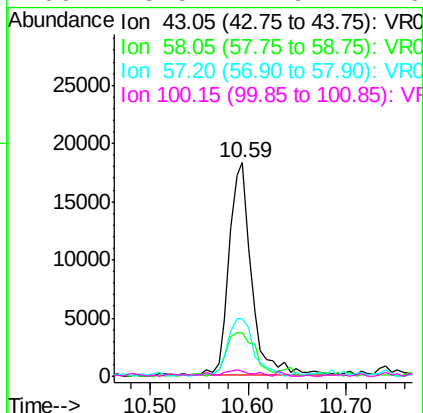
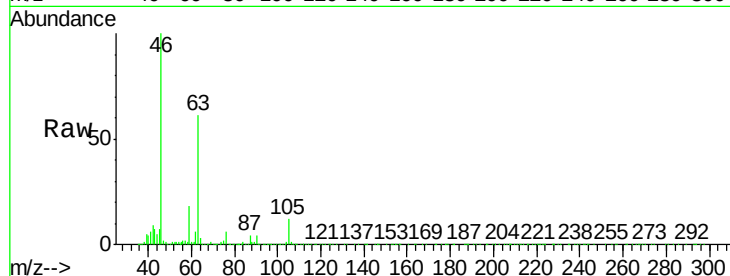




#48
2-Hexanone
Concen: 3.652 ug/L
RT: 10.59 min Scan# 1523
Delta R.T. -0.04 min
Lab File: VR025522.D
Acq: 19 Jul 2018 15:36

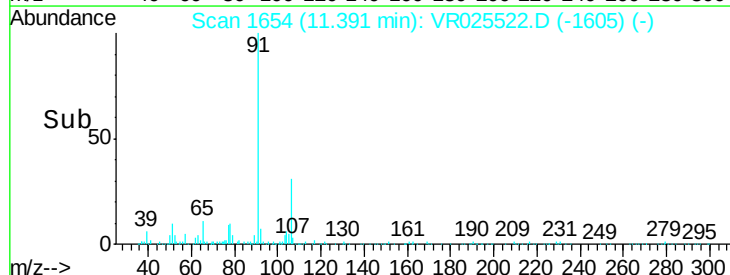
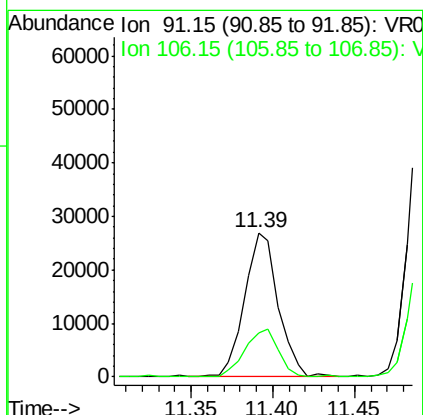
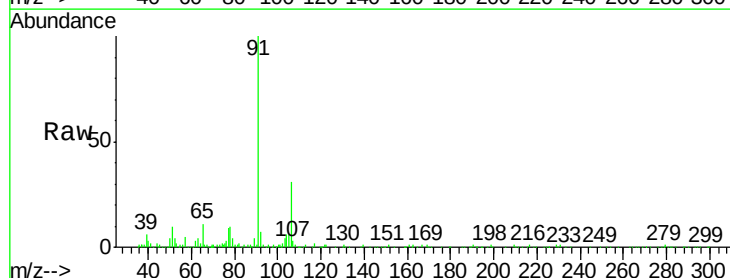
Instrument :
MSVOA_R
ClientSampled :
C0AE8

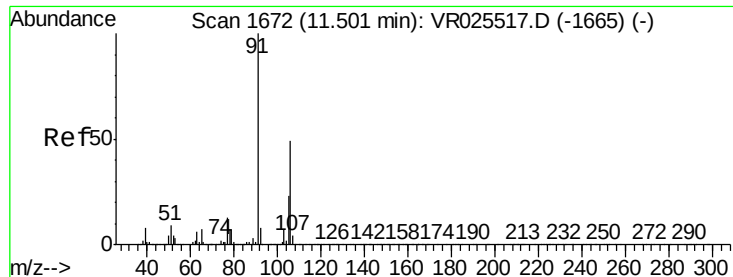
Tgt Ion: 43 Resp: 29250
Ion Ratio Lower Upper
43 100
58 26.1 43.1 64.7#
57 31.8 15.3 22.9#
100 3.5 7.9 11.9#



#52
Ethylbenzene
Concen: 0.215 ug/L
RT: 11.39 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VR025522.D
Acq: 19 Jul 2018 15:36

Tgt Ion: 91 Resp: 38784
Ion Ratio Lower Upper
91 100
106 30.9 22.5 41.7





#53

m,p-Xylene

Concen: 1.208 ug/L

RT: 11.50 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VR025522.D

Acq: 19 Jul 2018 15:36

Instrument :

MSVOA_R

ClientSampleId :

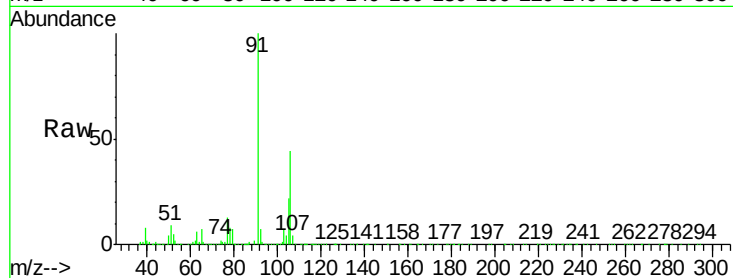
C0AE8

Tgt Ion:106 Resp: 81706

Ion Ratio Lower Upper

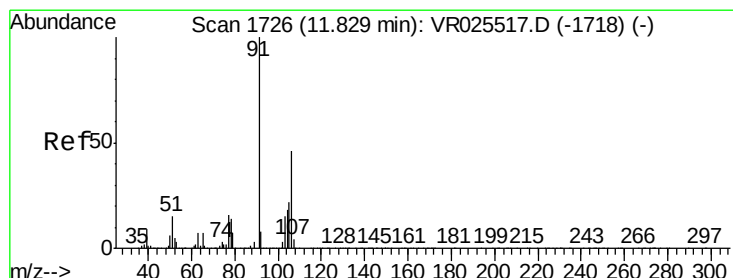
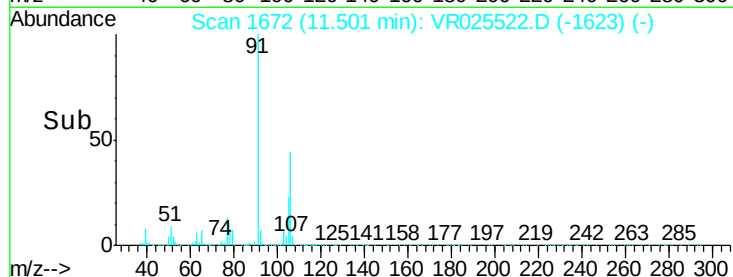
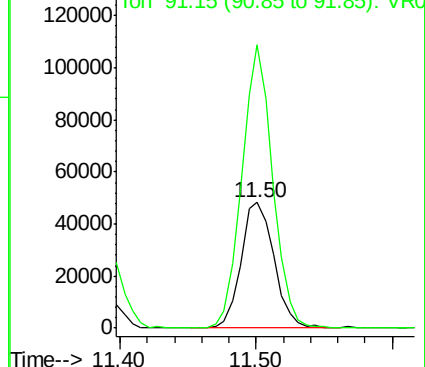
106 100

91 225.1 152.6 283.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0



#54

o-Xylene

Concen: 0.494 ug/L

RT: 11.83 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VR025522.D

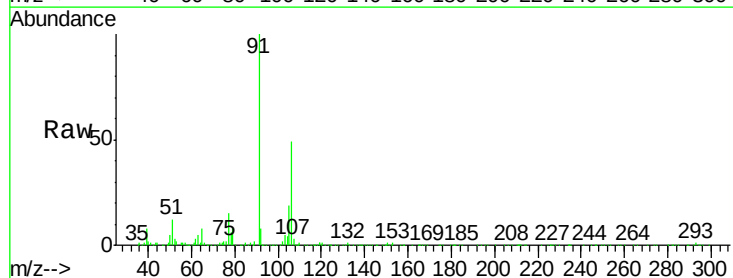
Acq: 19 Jul 2018 15:36

Tgt Ion:106 Resp: 28809

Ion Ratio Lower Upper

106 100

91 205.2 153.7 285.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0

