

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR025320.D
 Acq On : 16 Jun 2018 2:36
 Operator : SY/MD
 Sample : J3549-20
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWG2

Quant Time: Jun 16 05:06:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 16:03:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	630918	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	514960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	170251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	105311	4.90	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	2.64	69	77832	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	3.64	63	188133	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	6.59	46	272278	47.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.54%
24) Chloroform-d	7.21	84	379372	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.89	65	146715	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.86	84	797438	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	8.90	67	232805	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	9.97	98	679520	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	10.24	79	45554	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	10.59	63	222447	48.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	92067	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	142759	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

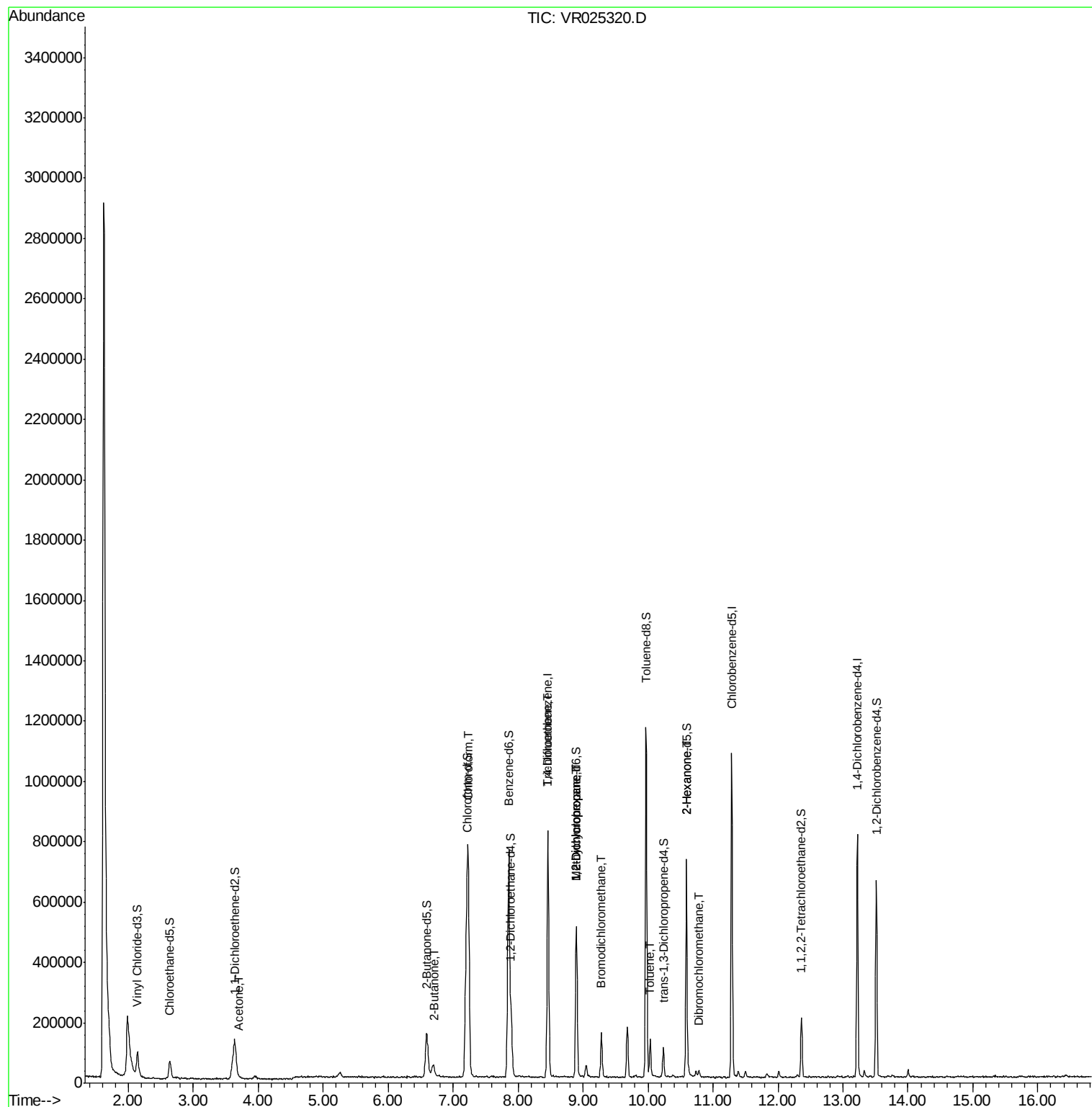
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	3.70	43	11227	4.316	ug/L	96
21) 2-Butanone	6.70	43	34525	5.615	ug/L	99
25) Chloroform	7.23	83	686716	8.771	ug/L	100
34) Trichloroethene	8.45	95	18374	0.376	ug/L #	9
35) Methylcyclohexane	8.90	83	50798	0.658	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	24143	0.537	ug/L #	93
38) Bromodichloromethane	9.28	83	89812	2.060	ug/L	90
42) Toluene	10.03	91	85103	0.393	ug/L	98
48) 2-Hexanone	10.59	43	28238	3.046	ug/L #	70
49) Dibromochloromethane	10.78	129	8291	0.413	ug/L #	68

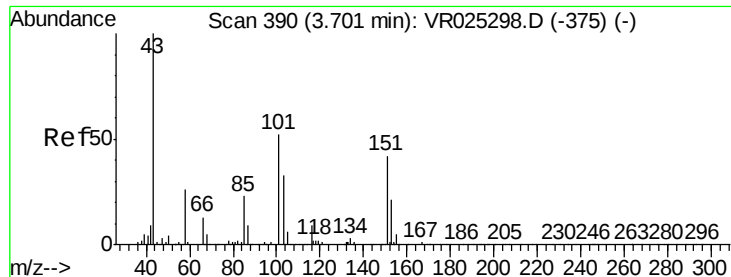
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.316 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025320.D

Acq: 16 Jun 2018 2:36

Instrument :

MSVOA_R

ClientSampleId :

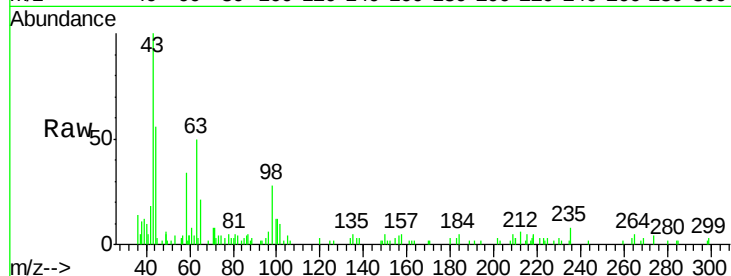
ESWG2

Tgt Ion: 43 Resp: 11227

Ion Ratio Lower Upper

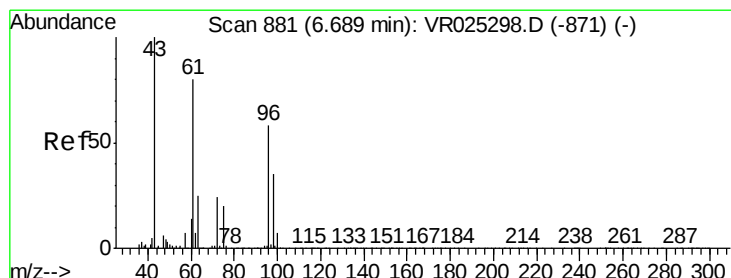
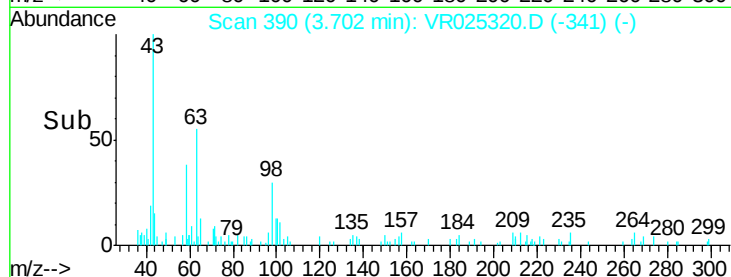
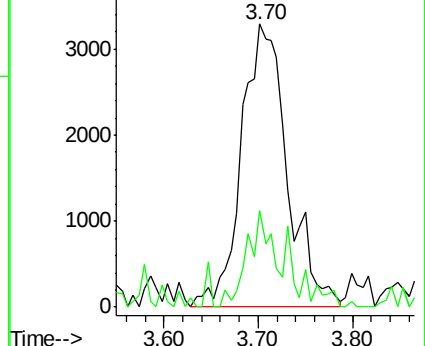
43 100

58 19.1 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 5.615 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025320.D

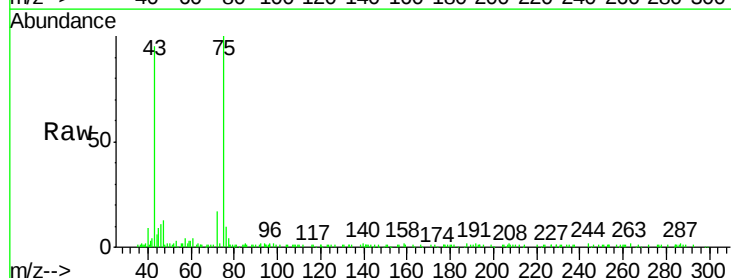
Acq: 16 Jun 2018 2:36

Tgt Ion: 43 Resp: 34525

Ion Ratio Lower Upper

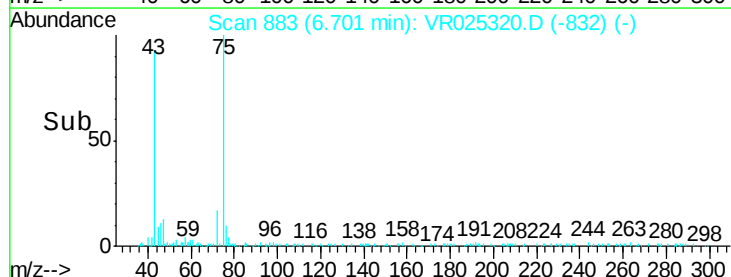
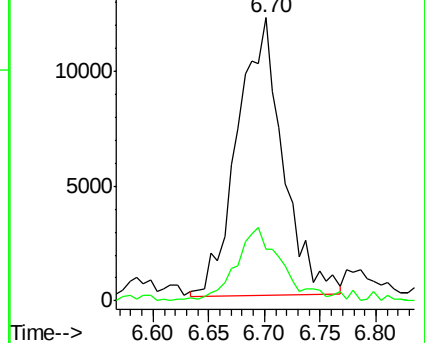
43 100

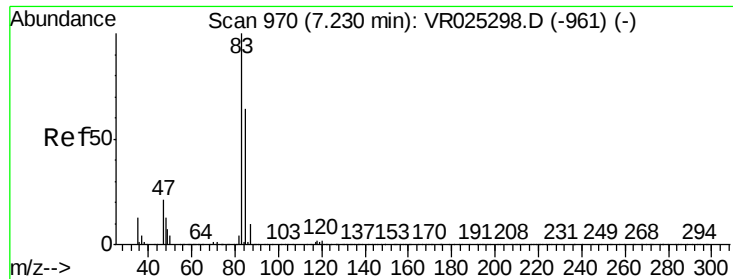
72 26.5 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

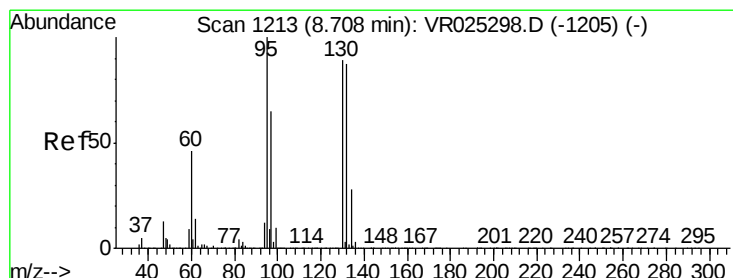
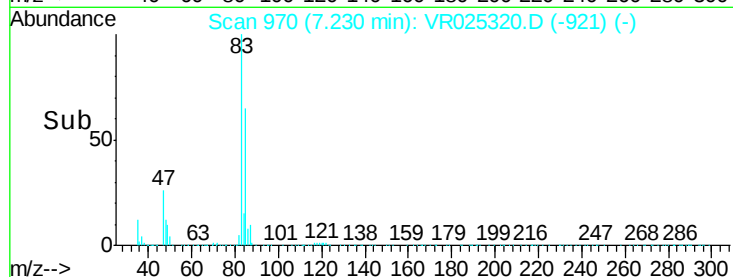
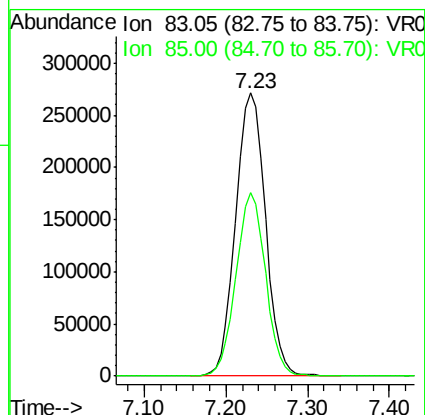
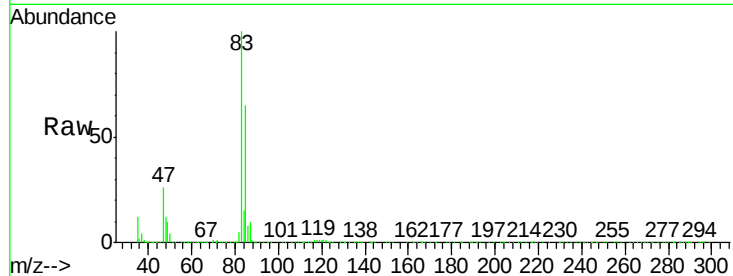




#25
Chloroform
Concen: 8.771 ug/L
RT: 7.23 min Scan# 970
Delta R.T. 0.00 min
Lab File: VR025320.D
Acq: 16 Jun 2018 2:36

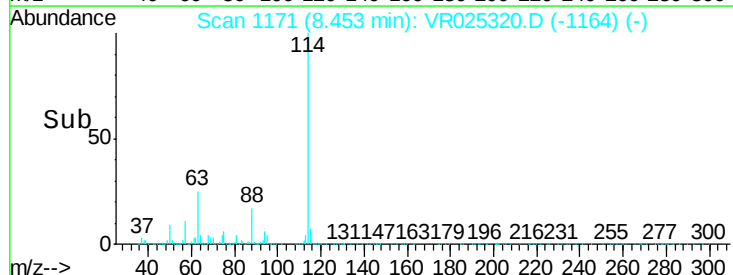
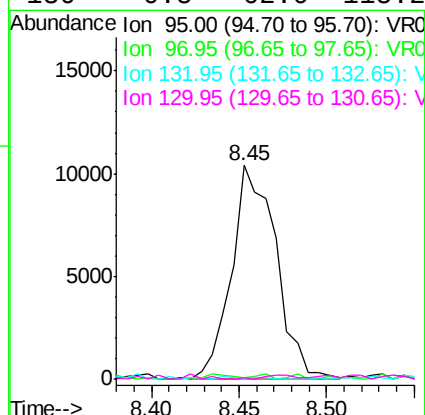
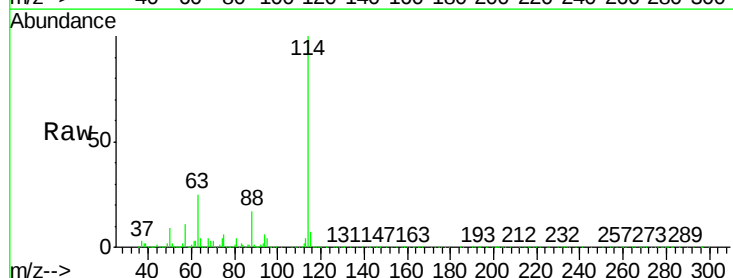
Instrument :
MSVOA_R
ClientSampleId :
ESWG2

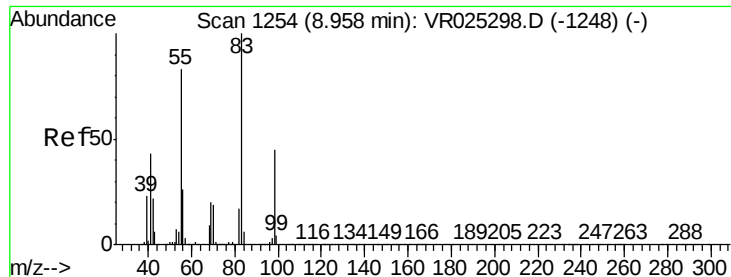
Tgt Ion: 83 Resp: 686716
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.4



#34
Trichloroethene
Concen: 0.376 ug/L
RT: 8.45 min Scan# 1171
Delta R.T. -0.26 min
Lab File: VR025320.D
Acq: 16 Jun 2018 2:36

Tgt Ion: 95 Resp: 18374
Ion Ratio Lower Upper
95 100
97 0.9 45.6 84.6#
132 0.0 60.9 113.1#
130 0.5 62.0 115.2#

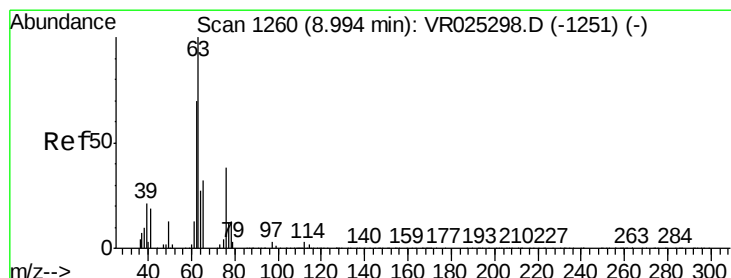
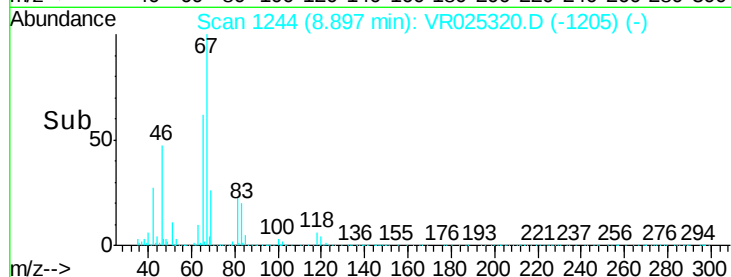
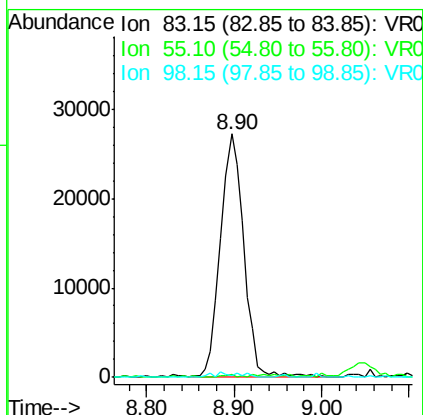
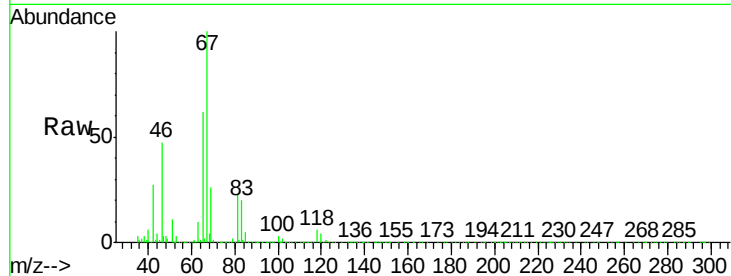




#35
Methylcyclohexane
Concen: 0.658 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025320.D
Acq: 16 Jun 2018 2:36

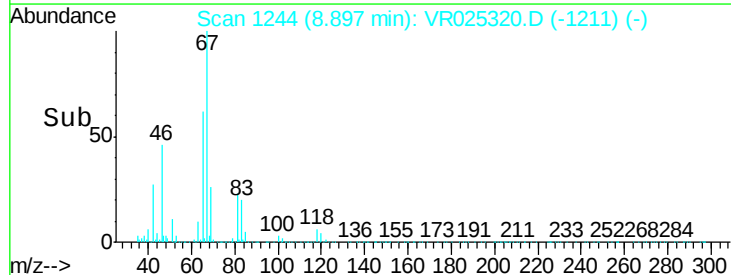
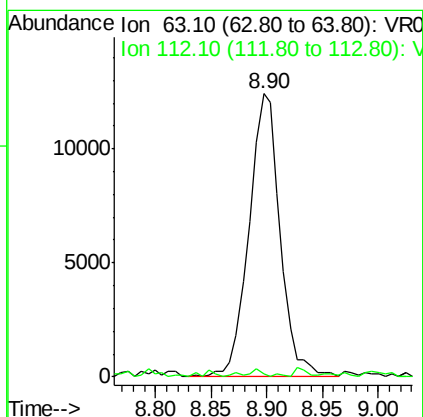
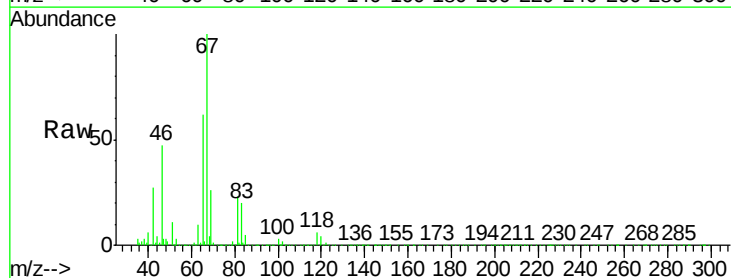
Instrument :
MSVOA_R
ClientSampleId :
ESWG2

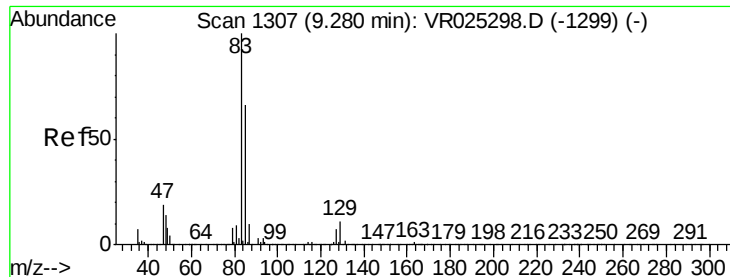
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.1	99.1#
98	1.5	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025320.D
Acq: 16 Jun 2018 2:36

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.4	2.9	4.3#





#38

Bromodichloromethane

Concen: 2.060 ug/L

RT: 9.28 min Scan# 1307

Delta R.T. 0.00 min

Lab File: VR025320.D

Acq: 16 Jun 2018 2:36

Instrument :

MSVOA_R

ClientSampleId :

ESWG2

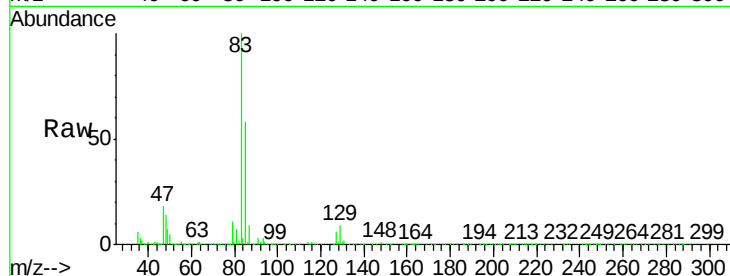
Tgt Ion: 83 Resp: 89812

Ion Ratio Lower Upper

83 100

85 57.7 46.1 85.7

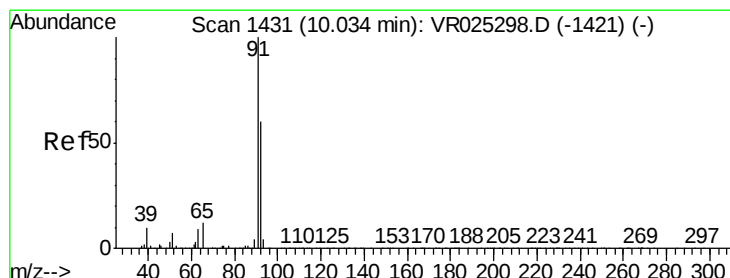
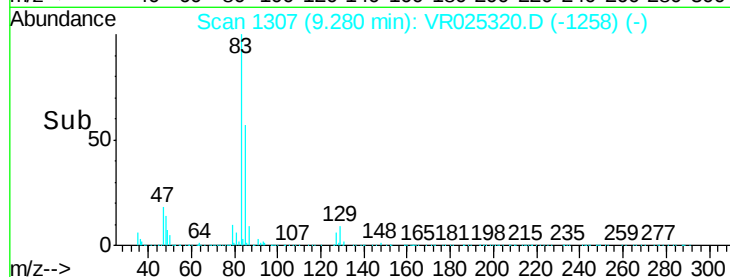
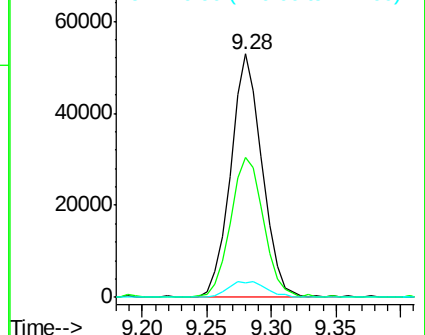
127 5.8 5.7 8.5



Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 126.90 (126.60 to 127.60): V



#42

Toluene

Concen: 0.393 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025320.D

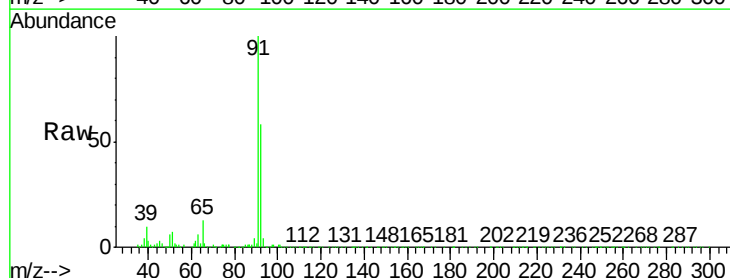
Acq: 16 Jun 2018 2:36

Tgt Ion: 91 Resp: 85103

Ion Ratio Lower Upper

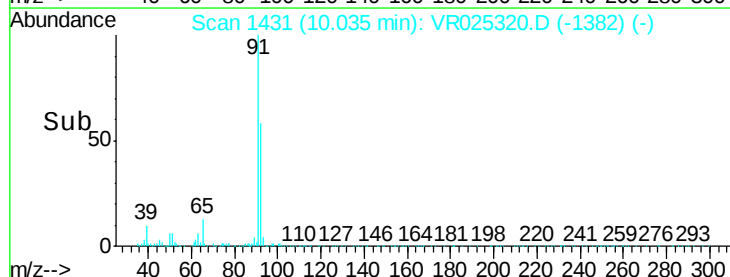
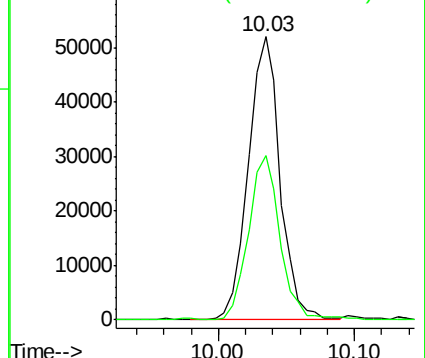
91 100

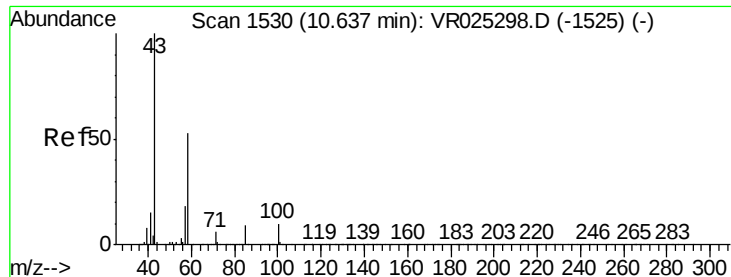
92 58.3 41.9 77.7



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

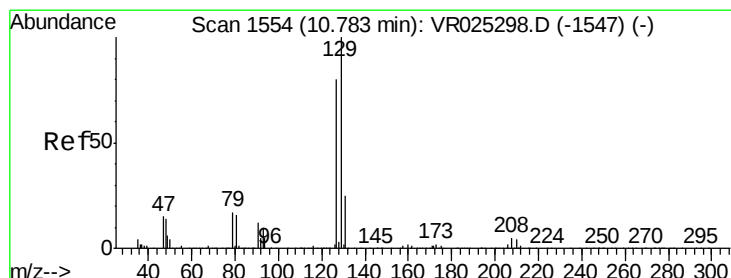
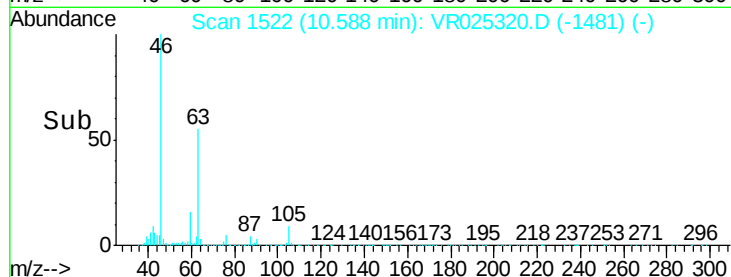
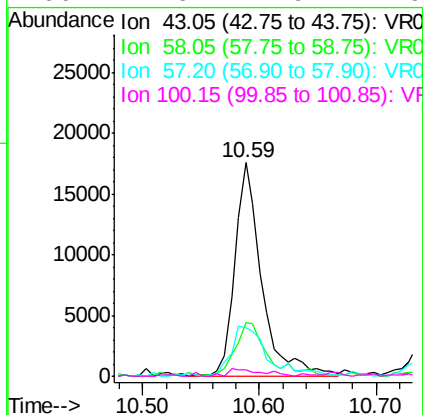
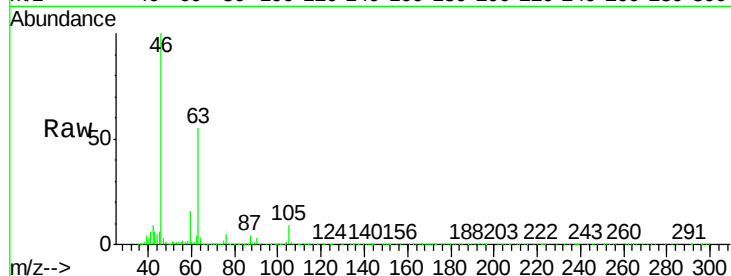




#48
2-Hexanone
Concen: 3.046 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025320.D
Acq: 16 Jun 2018 2:36

Instrument :
MSVOA_R
ClientSampled :
ESWG2

Tgt Ion: 43 Resp: 28238
Ion Ratio Lower Upper
43 100
58 29.4 43.1 64.7#
57 31.6 15.3 22.9#
100 4.6 7.9 11.9#



#49
Dibromochloromethane
Concen: 0.413 ug/L
RT: 10.78 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VR025320.D
Acq: 16 Jun 2018 2:36

Tgt Ion: 129 Resp: 8291
Ion Ratio Lower Upper
129 100
127 108.3 55.9 103.7#

