

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071918\
 Data File : VR025520.D
 Acq On : 19 Jul 2018 13:30
 Operator : SY/MD
 Sample : J4002-03DL 10X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG0DL

Quant Time: Jul 20 01:24:13 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	8.47	114	745572	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	615437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	249953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	125268	6.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.80%
7) Chloroethane-d5	2.64	69	97372	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	3.63	63	247795	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	6.60	46	293557	45.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.96%
24) Chloroform-d	7.21	84	449120	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	7.89	65	172108	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	7.86	84	1063352	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	8.90	67	276057	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	946686	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	10.24	79	69468	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	10.59	63	241440	47.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	114730	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	204092	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

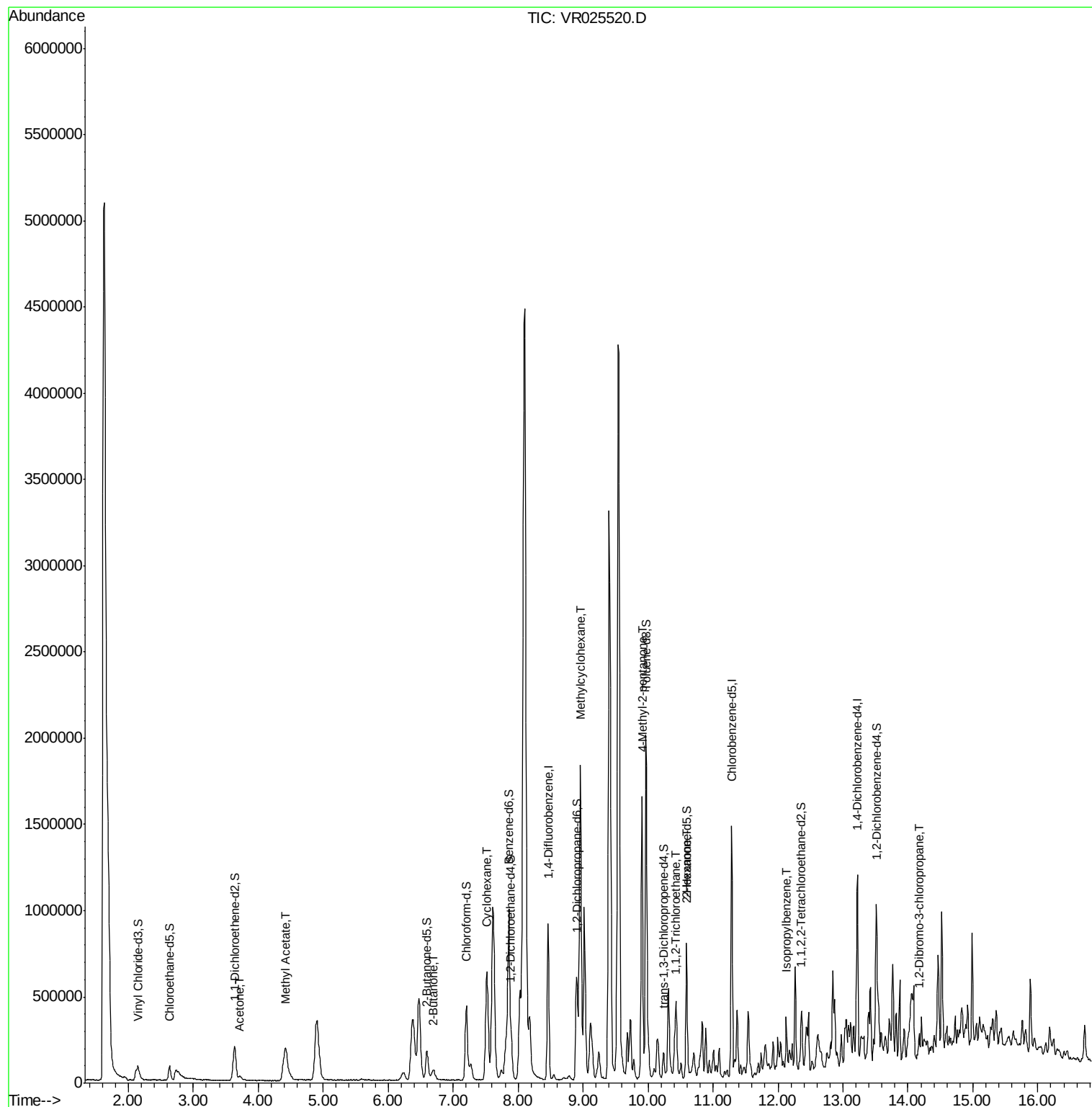
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	3.71	43	19776	6.875	ug/L	71
15) Methyl Acetate	4.42	43	237433	36.894	ug/L #	56
21) 2-Butanone	6.69	43	25775	3.847	ug/L #	55
30) Cyclohexane	7.52	56	409581	6.099	ug/L	94
35) Methylcyclohexane	8.96	83	573619	7.945	ug/L	91
40) 4-Methyl-2-pentanone	9.91	43	188067	13.161	ug/L #	79
45) 1,1,2-Trichloroethane	10.41	97	88143	3.648	ug/L #	23
48) 2-Hexanone	10.60	43	74345	7.563	ug/L #	38
56) Isopropylbenzene	12.13	105	178884	0.945	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.17	75	1012	0.359	ug/L #	19

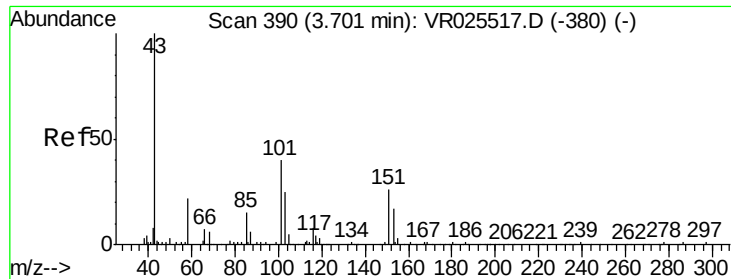
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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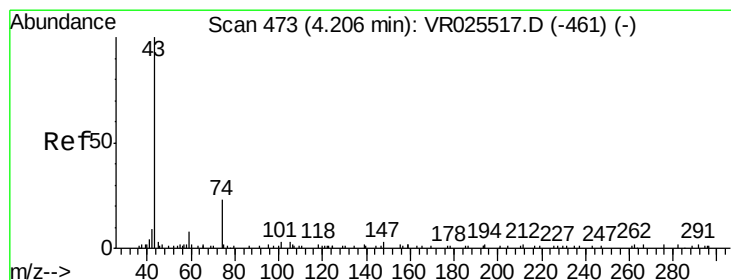
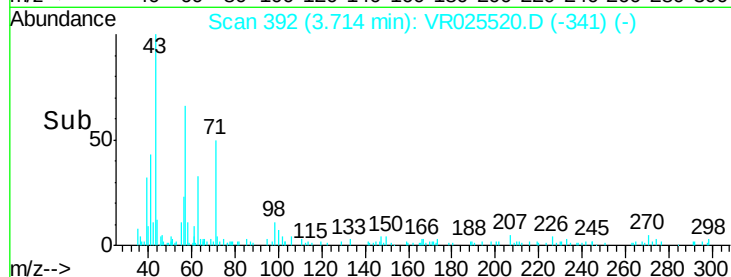
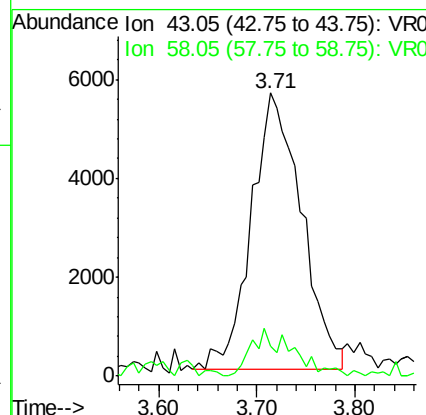
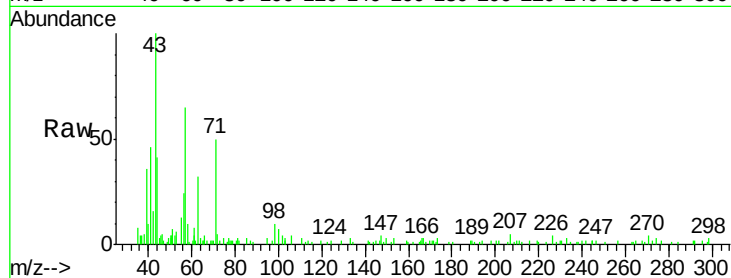




#13
Acetone
Concen: 6.875 ug/L
RT: 3.71 min Scan# 392
Delta R.T. 0.01 min
Lab File: VR025520.D
Acq: 19 Jul 2018 13:30

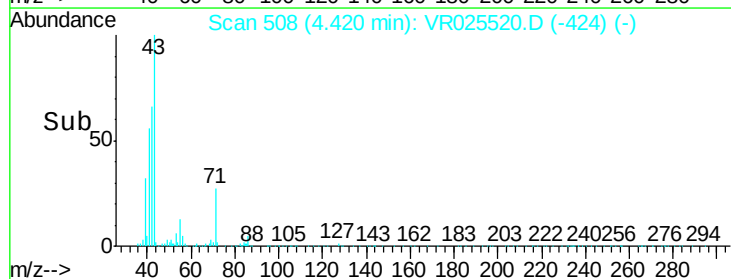
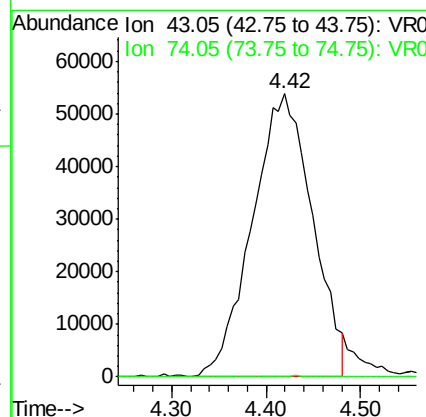
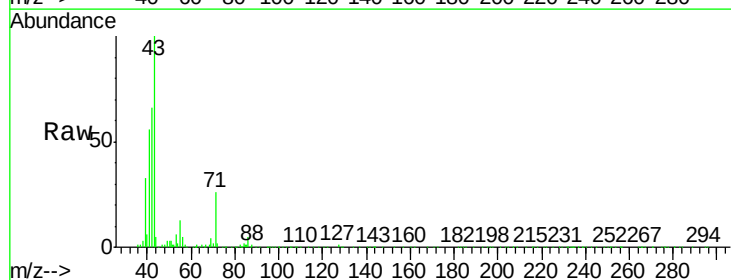
Instrument :
MSVOA_R
ClientSampleId :
C0AG0DL

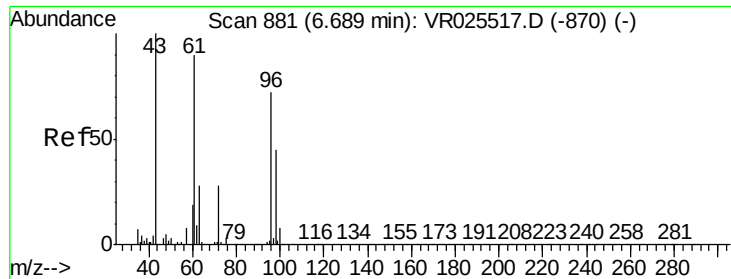
Tgt Ion: 43 Resp: 19776
Ion Ratio Lower Upper
43 100
58 7.5 0.0 41.6



#15
Methyl Acetate
Concen: 36.894 ug/L
RT: 4.42 min Scan# 508
Delta R.T. 0.21 min
Lab File: VR025520.D
Acq: 19 Jul 2018 13:30

Tgt Ion: 43 Resp: 237433
Ion Ratio Lower Upper
43 100
74 0.1 16.7 25.1#





#21

2-Butanone

Concen: 3.847 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025520.D

Acq: 19 Jul 2018 13:30

Instrument :

MSVOA_R

ClientSampleId :

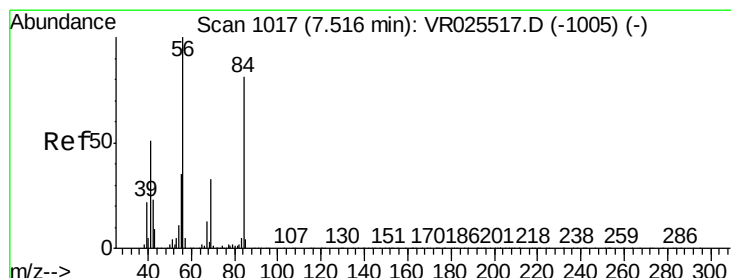
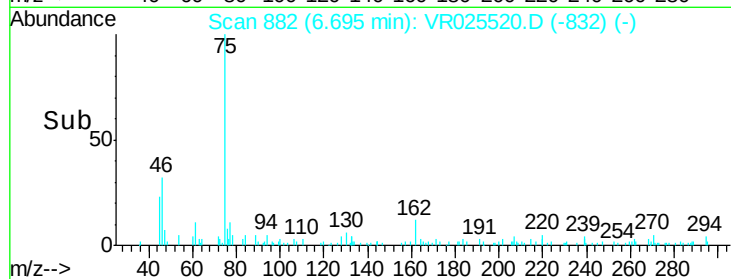
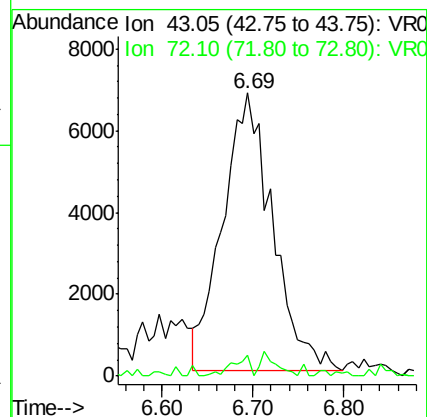
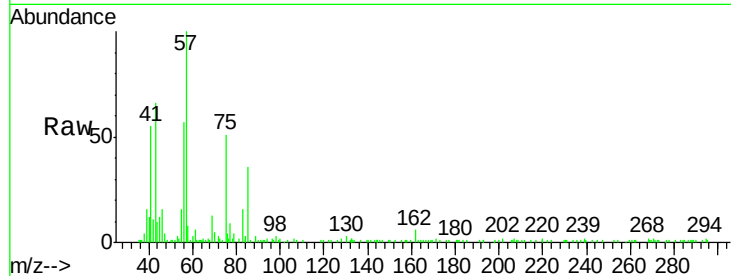
C0AG0DL

Tgt Ion: 43 Resp: 25775

Ion Ratio Lower Upper

43 100

72 2.7 13.0 38.9#



#30

Cyclohexane

Concen: 6.099 ug/L

RT: 7.52 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VR025520.D

Acq: 19 Jul 2018 13:30

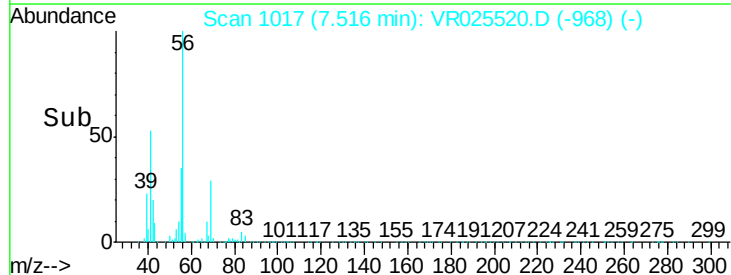
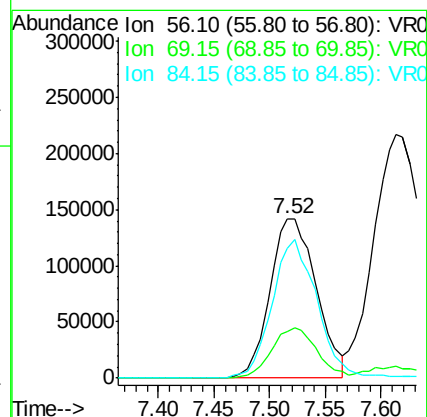
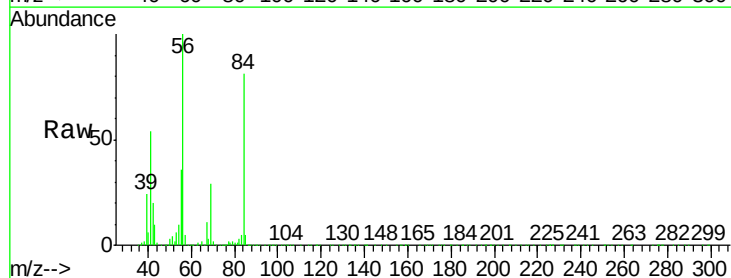
Tgt Ion: 56 Resp: 409581

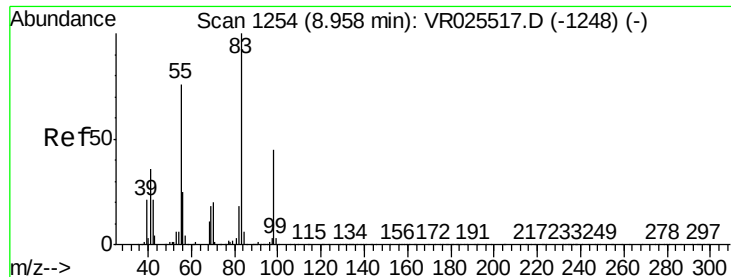
Ion Ratio Lower Upper

56 100

69 30.7 23.7 35.5

84 84.3 62.6 93.8

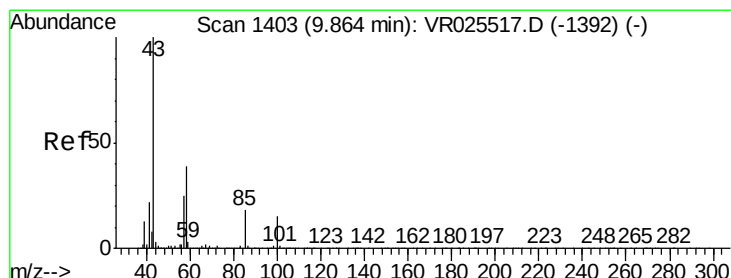
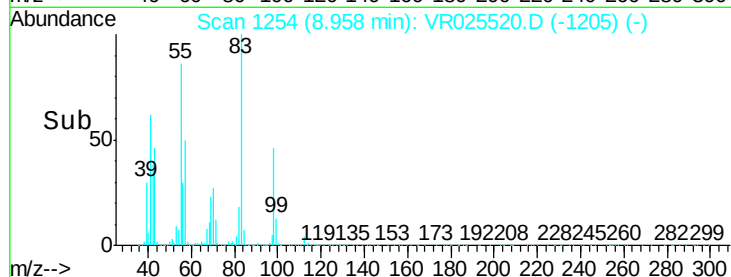
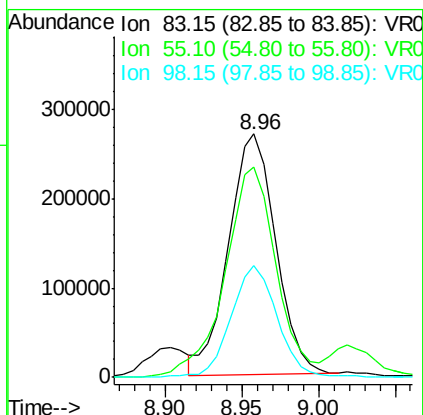
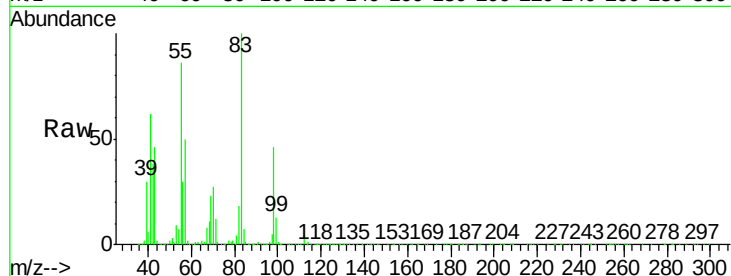




#35
Methylcyclohexane
Concen: 7.945 ug/L
RT: 8.96 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VR025520.D
Acq: 19 Jul 2018 13:30

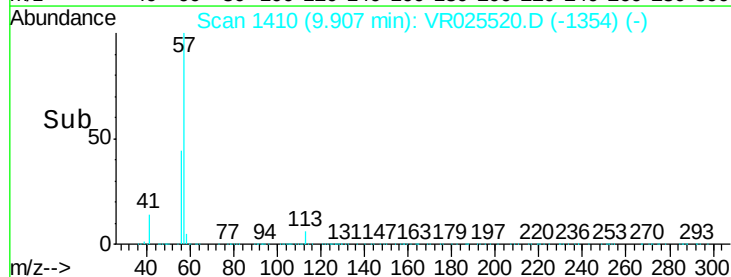
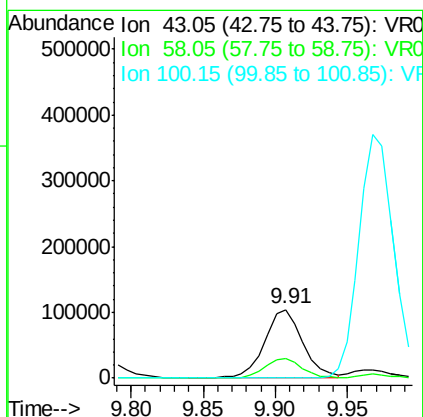
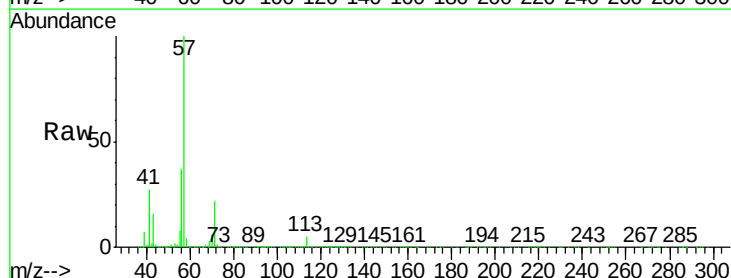
Instrument :
MSVOA_R
ClientSampleId :
C0AG0DL

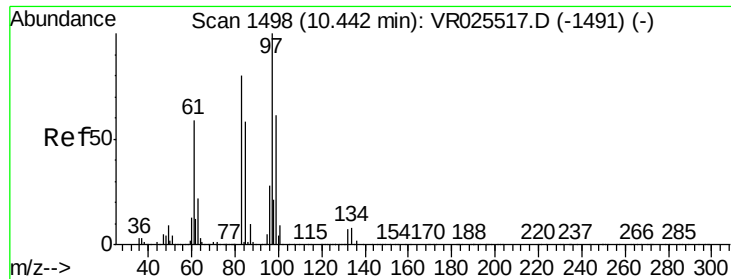
Tgt Ion	Ratio	Lower	Upper
83	100		
55	95.1	66.1	99.1
98	46.0	36.2	54.4



#40
4-Methyl-2-pentanone
Concen: 13.161 ug/L
RT: 9.91 min Scan# 1410
Delta R.T. 0.04 min
Lab File: VR025520.D
Acq: 19 Jul 2018 13:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.6	30.3	45.5#
100	0.0	10.3	15.5#

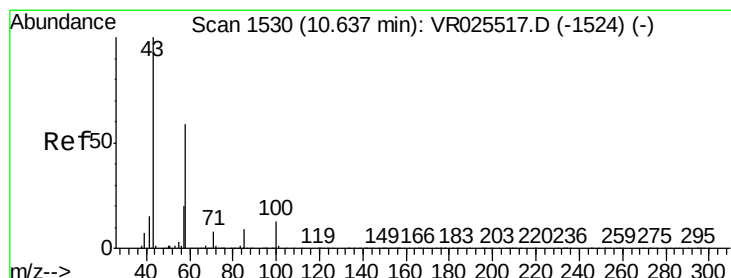
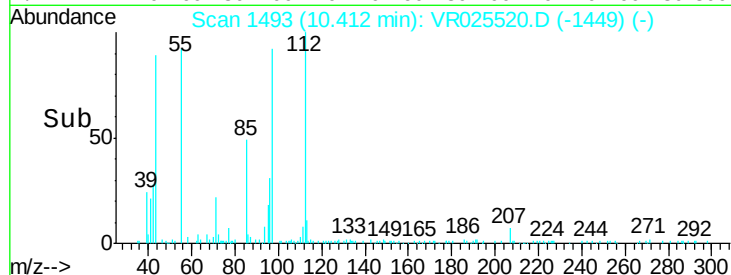
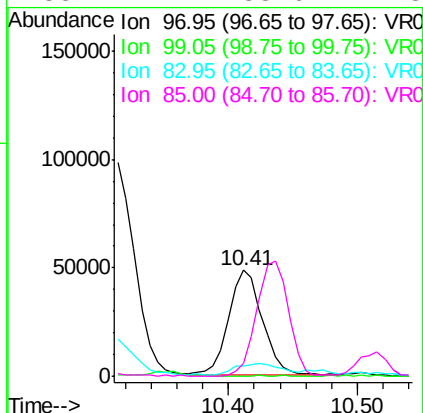
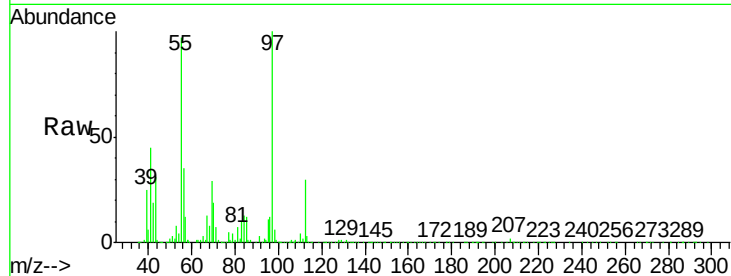




#45
 1,1,2-Trichloroethane
 Concen: 3.648 ug/L
 RT: 10.41 min Scan# 1493
 Delta R.T. -0.03 min
 Lab File: VR025520.D
 Acq: 19 Jul 2018 13:30

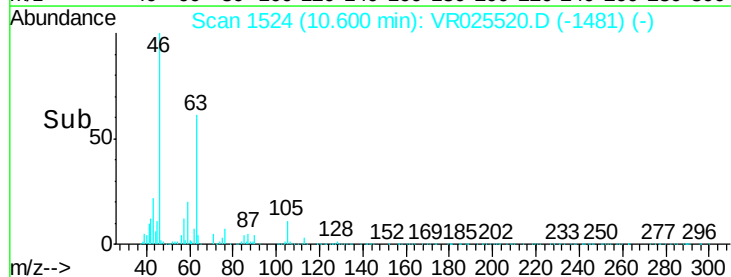
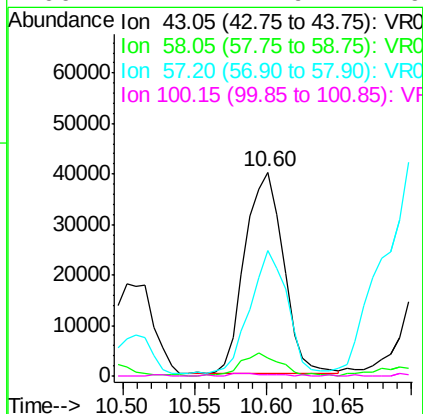
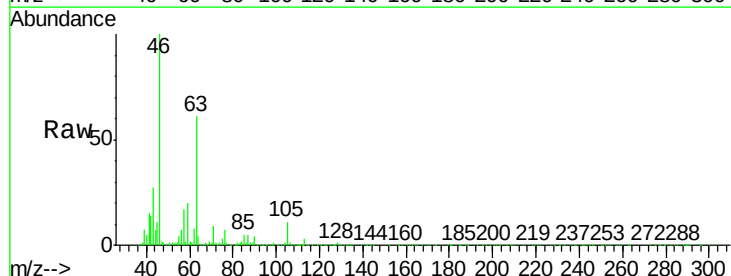
Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG0DL

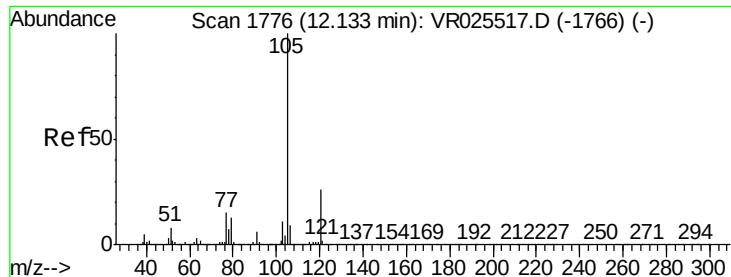
Tgt Ion:	97	Resp:	88143
Ion	Ratio	Lower	Upper
97	100		
99	0.6	41.9	77.9#
83	10.0	64.5	119.9#
85	12.4	38.6	71.8#



#48
 2-Hexanone
 Concen: 7.563 ug/L
 RT: 10.60 min Scan# 1524
 Delta R.T. -0.04 min
 Lab File: VR025520.D
 Acq: 19 Jul 2018 13:30

Tgt Ion:	43	Resp:	74345
Ion	Ratio	Lower	Upper
43	100		
58	11.5	43.1	64.7#
57	59.3	15.3	22.9#
100	1.4	7.9	11.9#





#56

Isopropylbenzene

Concen: 0.945 ug/L

RT: 12.13 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VR025520.D

Acq: 19 Jul 2018 13:30

Instrument :

MSVOA_R

ClientSampleId :

C0AG0DL

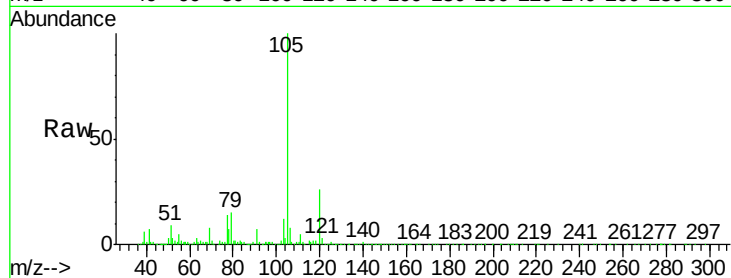
Tgt Ion: 105 Resp: 178884

Ion Ratio Lower Upper

105 100

120 28.0 20.2 30.4

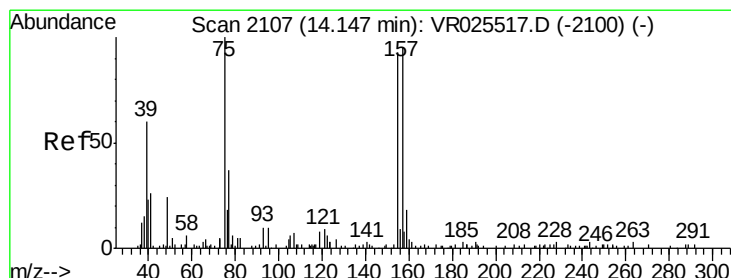
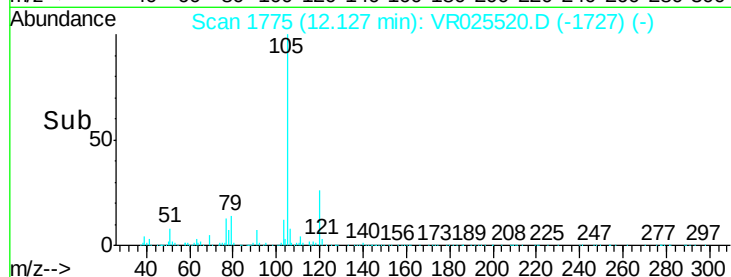
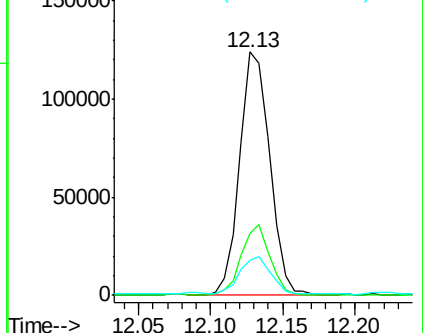
77 15.8 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.359 ug/L

RT: 14.17 min Scan# 2111

Delta R.T. 0.02 min

Lab File: VR025520.D

Acq: 19 Jul 2018 13:30

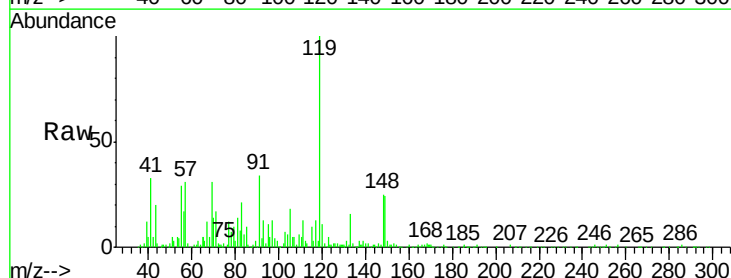
Tgt Ion: 75 Resp: 1012

Ion Ratio Lower Upper

75 100

155 16.4 74.1 111.1#

157 12.1 71.0 106.6#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

