

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071918\
 Data File : VR025519.D
 Acq On : 19 Jul 2018 12:42
 Operator : SY/MD
 Sample : J4002-03DL 20X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG0DL

Quant Time: Jul 20 01:24:05 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	546172	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	450939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	163680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	64198	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	2.63	69	55640	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	3.63	63	126221	2.77	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	6.59	46	253692	54.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.48%
24) Chloroform-d	7.20	84	341960	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	7.89	65	136189	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.86	84	739594	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	8.90	67	210709	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	9.97	98	622162	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	10.24	79	42459	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	10.59	63	206801	55.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	99768	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	137943	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

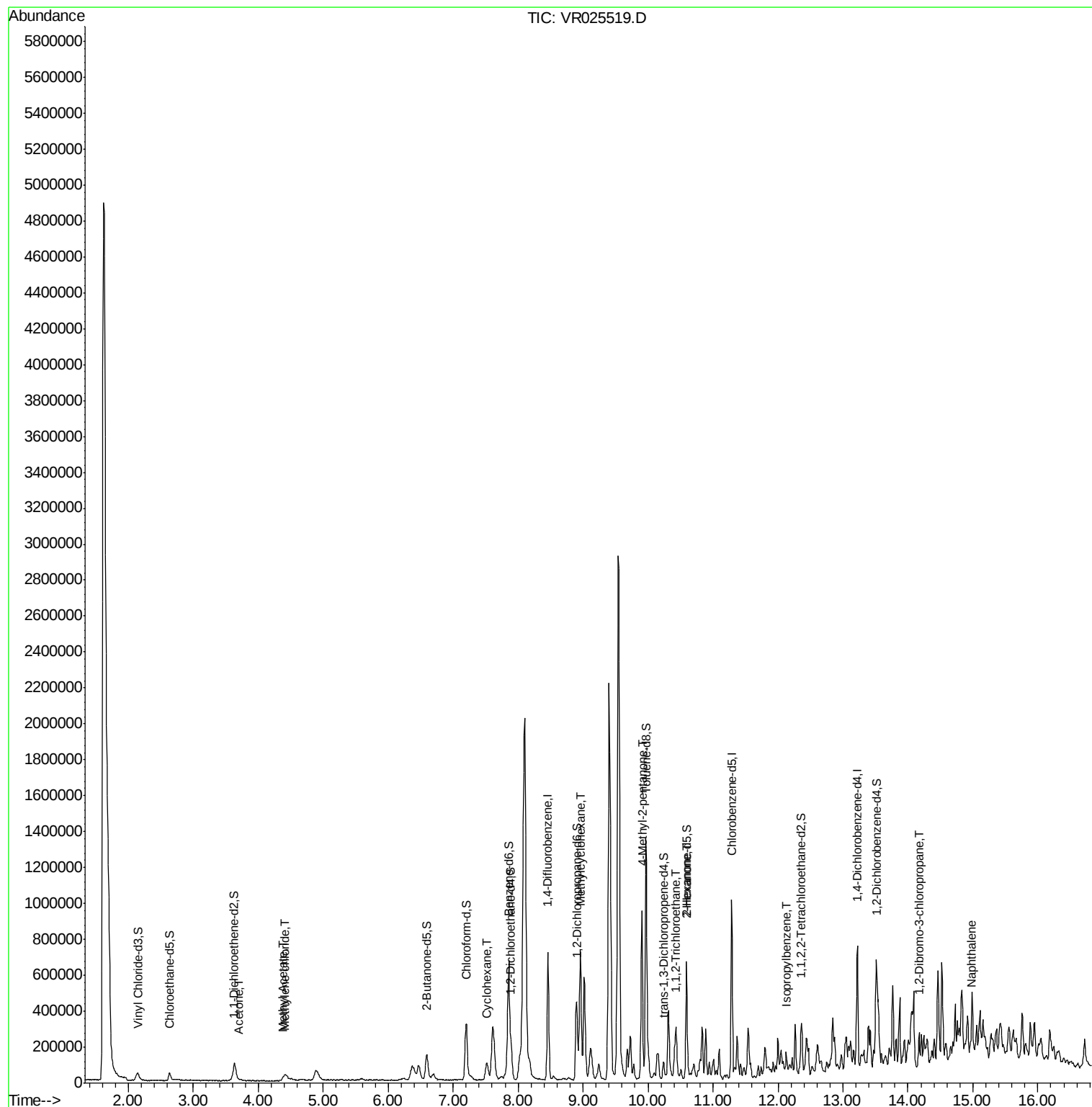
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	3.70	43	10337	4.906	ug/L	75
15) Methyl Acetate	4.38	43	11031	2.340	ug/L #	57
16) Methylene chloride	4.40	84	7893	0.493	ug/L	91
30) Cyclohexane	7.52	56	51268	1.042	ug/L	90
35) Methylcyclohexane	8.95	83	169819	3.210	ug/L #	79
40) 4-Methyl-2-pentanone	9.91	43	100872	9.634	ug/L #	84
45) 1,1,2-Trichloroethane	10.41	97	60056	3.393	ug/L #	22
48) 2-Hexanone	10.60	43	50247	6.976	ug/L #	43
56) Isopropylbenzene	12.13	105	69419	0.500	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.18	75	1920	1.041	ug/L #	10
69) Naphthalene	14.97	128	7788	0.282	ug/L #	1

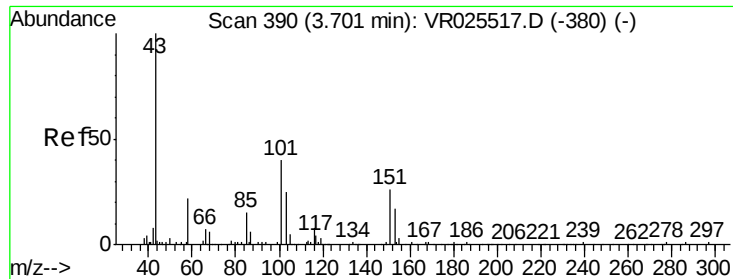
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.906 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025519.D

Acq: 19 Jul 2018 12:42

Instrument :

MSVOA_R

ClientSampleId :

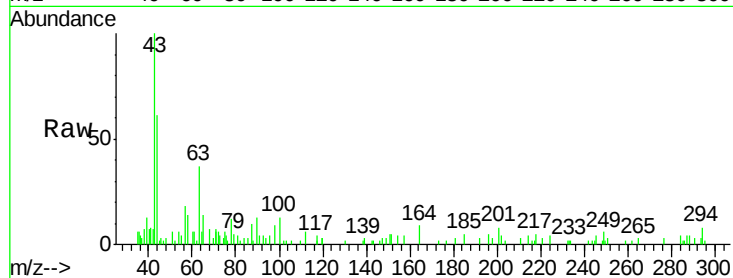
C0AG0DL

Tgt Ion: 43 Resp: 10337

Ion Ratio Lower Upper

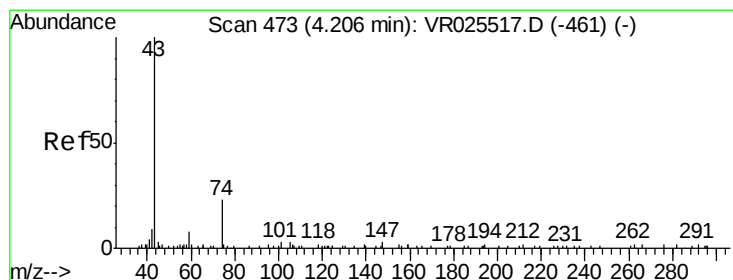
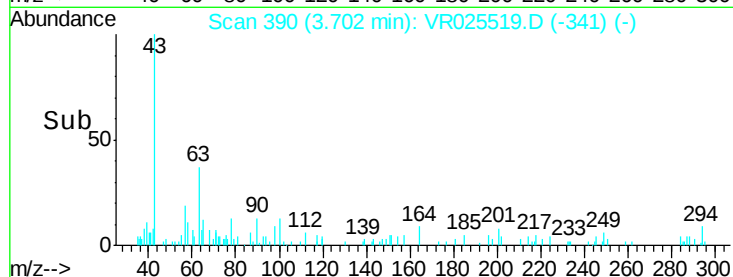
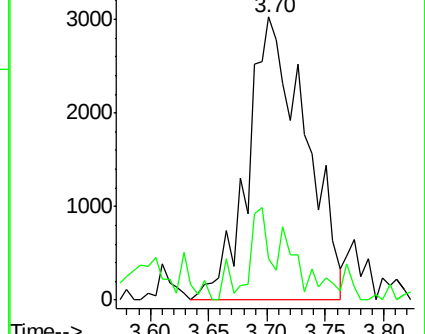
43 100

58 9.0 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 2.340 ug/L

RT: 4.38 min Scan# 502

Delta R.T. 0.18 min

Lab File: VR025519.D

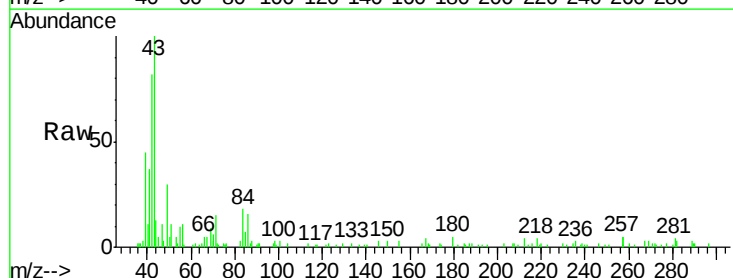
Acq: 19 Jul 2018 12:42

Tgt Ion: 43 Resp: 11031

Ion Ratio Lower Upper

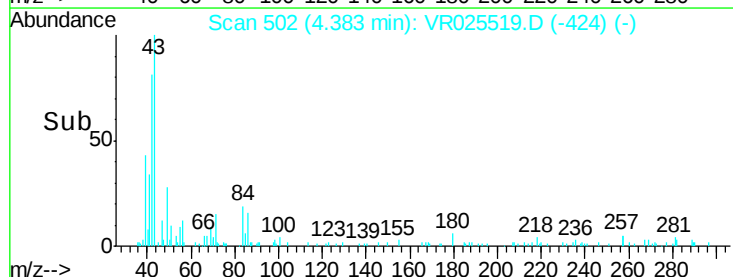
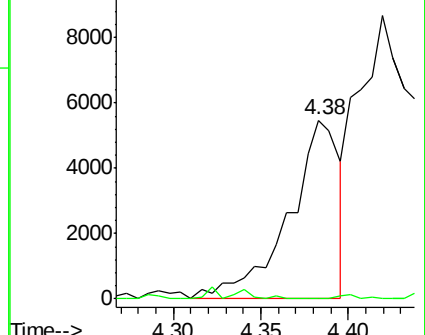
43 100

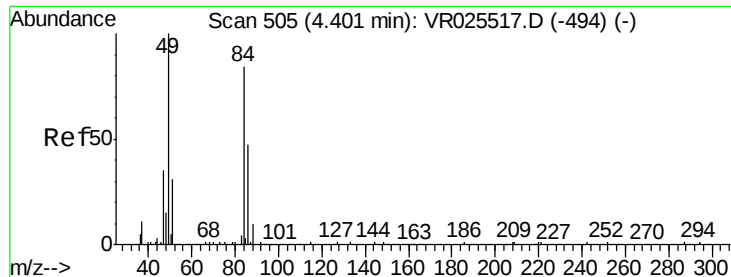
74 1.0 16.7 25.1#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

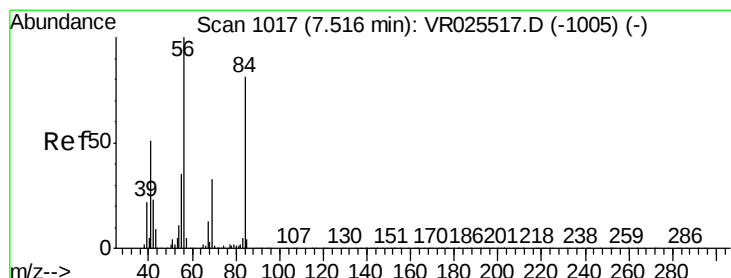
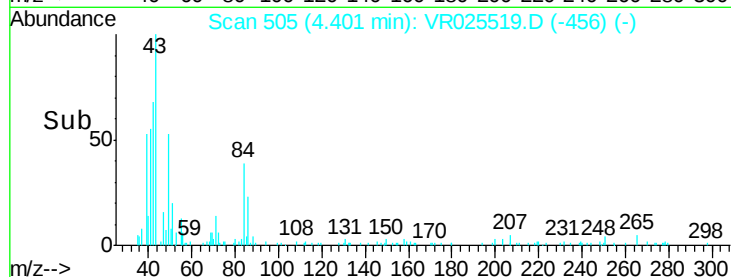
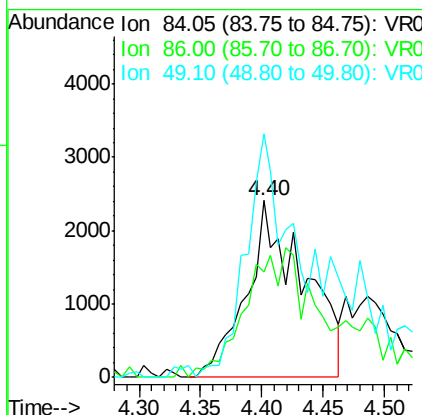
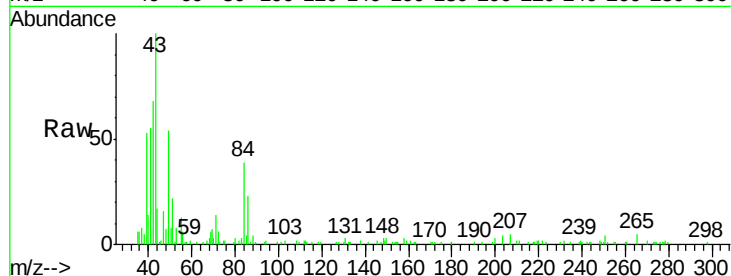




#16
Methylene chloride
Concen: 0.493 ug/L
RT: 4.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VR025519.D
Acq: 19 Jul 2018 12:42

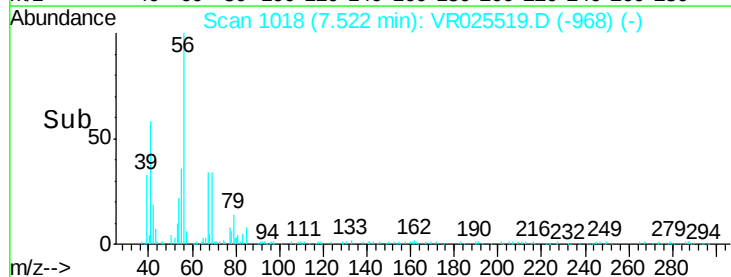
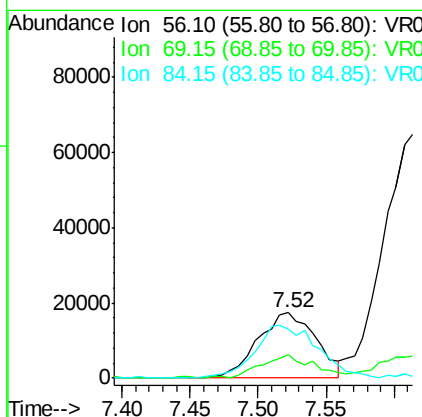
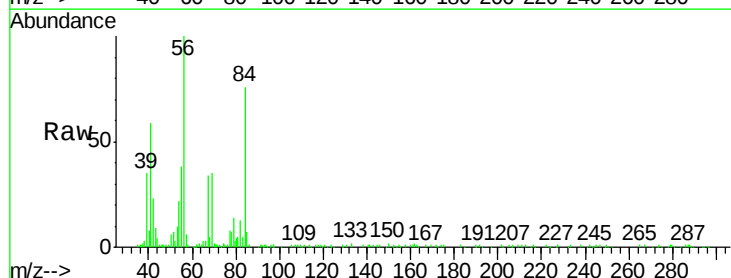
Instrument :
MSVOA_R
ClientSampleId :
C0AG0DL

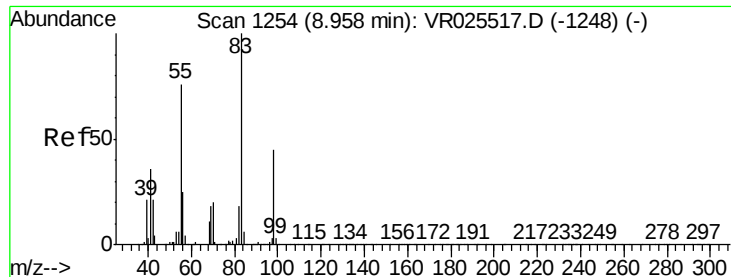
Tgt Ion: 84 Resp: 7893
Ion Ratio Lower Upper
84 100
86 59.7 43.7 81.1
49 137.9 87.2 162.0



#30
Cyclohexane
Concen: 1.042 ug/L
RT: 7.52 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VR025519.D
Acq: 19 Jul 2018 12:42

Tgt Ion: 56 Resp: 51268
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 89.3 62.6 93.8

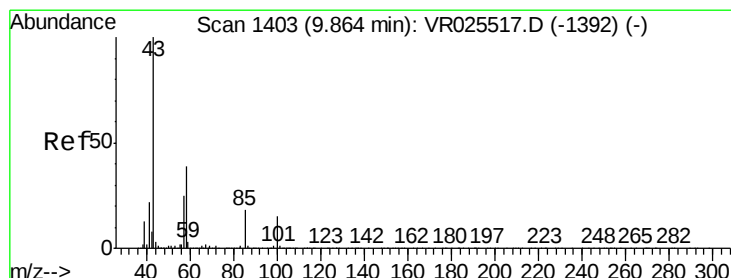
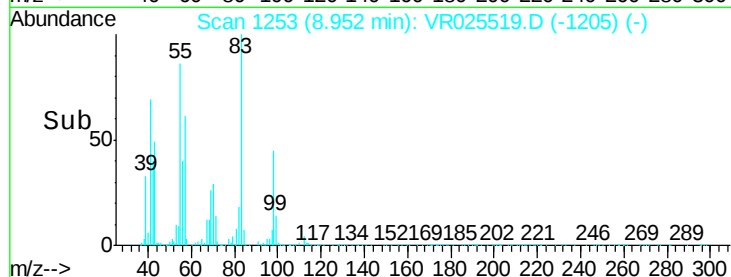
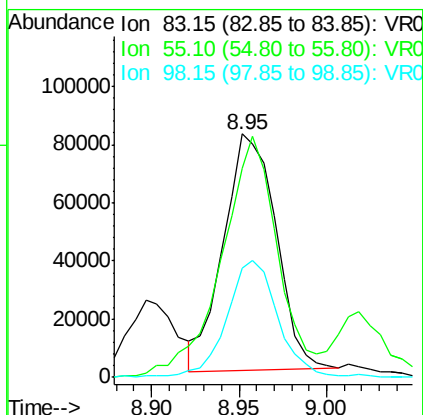
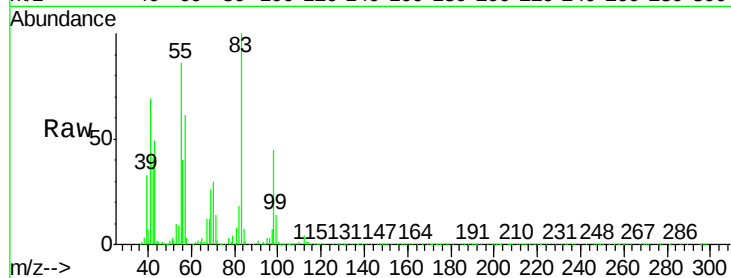




#35
Methylcyclohexane
Concen: 3.210 ug/L
RT: 8.95 min Scan# 1253
Delta R.T. -0.01 min
Lab File: VR025519.D
Acq: 19 Jul 2018 12:42

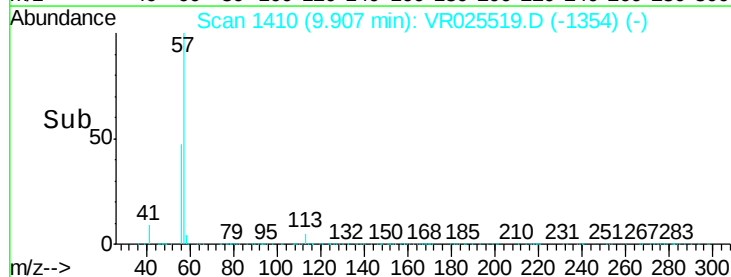
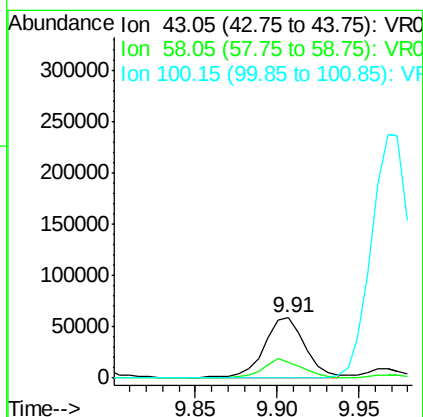
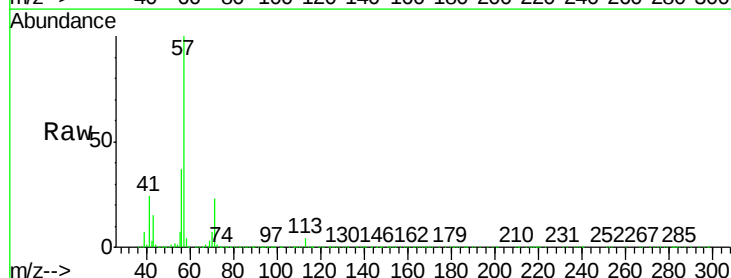
Instrument :
MSVOA_R
ClientSampled :
C0AG0DL

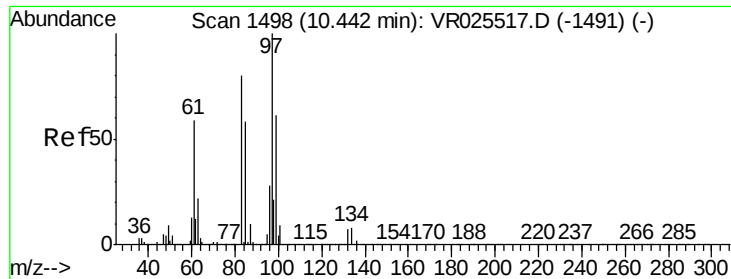
Tgt Ion: 83 Resp: 169819
Ion Ratio Lower Upper
83 100
55 108.7 66.1 99.1#
98 48.6 36.2 54.4



#40
4-Methyl-2-pentanone
Concen: 9.634 ug/L
RT: 9.91 min Scan# 1410
Delta R.T. 0.04 min
Lab File: VR025519.D
Acq: 19 Jul 2018 12:42

Tgt Ion: 43 Resp: 100872
Ion Ratio Lower Upper
43 100
58 31.6 30.3 45.5
100 0.0 10.3 15.5#

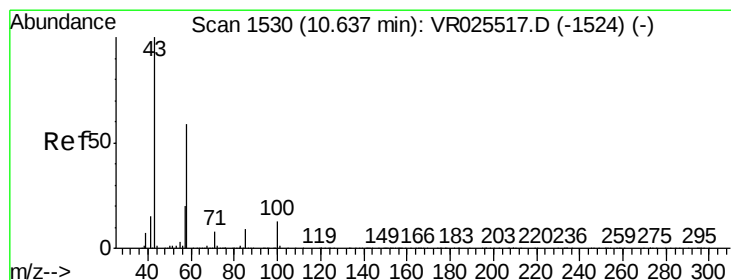
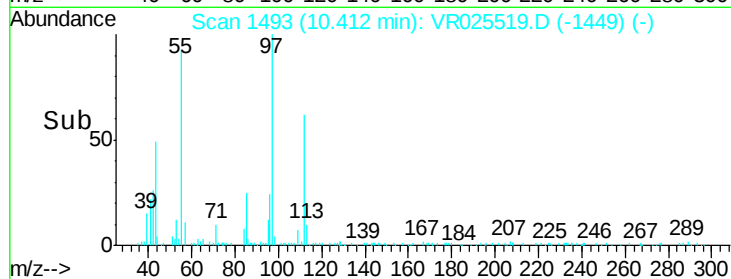
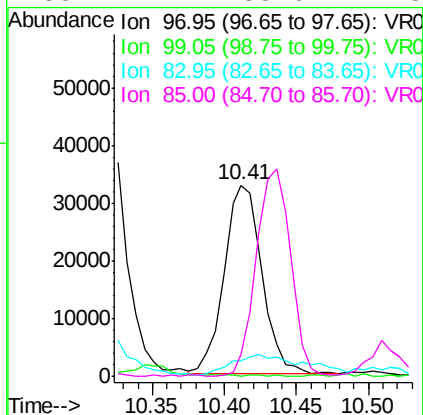
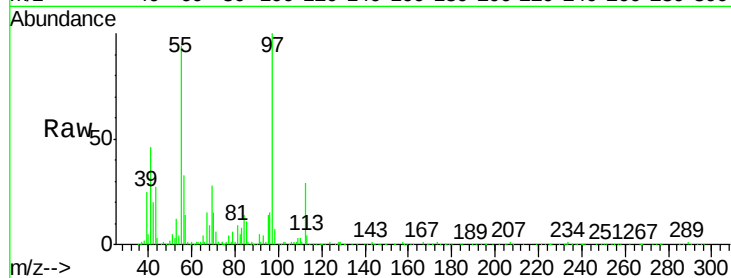




#45
 1,1,2-Trichloroethane
 Concen: 3.393 ug/L
 RT: 10.41 min Scan# 1493
 Delta R.T. -0.03 min
 Lab File: VR025519.D
 Acq: 19 Jul 2018 12:42

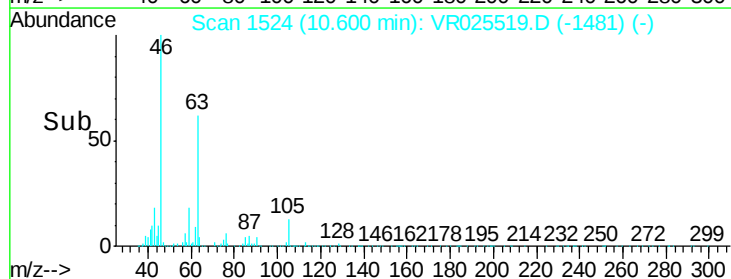
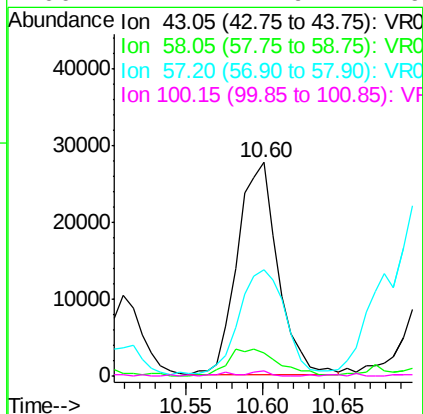
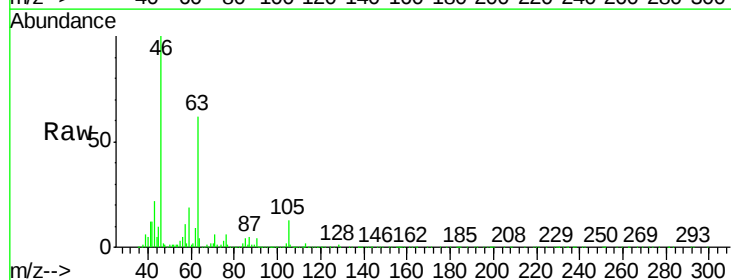
Instrument :
 MSVOA_R
 ClientSampled :
 C0AG0DL

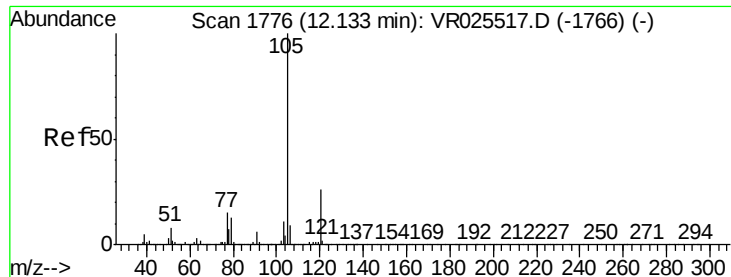
Tgt Ion:	97	Resp:	60056
Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.9	77.9#
83	8.4	64.5	119.9#
85	11.2	38.6	71.8#



#48
 2-Hexanone
 Concen: 6.976 ug/L
 RT: 10.60 min Scan# 1524
 Delta R.T. -0.04 min
 Lab File: VR025519.D
 Acq: 19 Jul 2018 12:42

Tgt Ion:	43	Resp:	50247
Ion	Ratio	Lower	Upper
43	100		
58	15.5	43.1	64.7#
57	56.9	15.3	22.9#
100	1.1	7.9	11.9#





#56

Isopropylbenzene

Concen: 0.500 ug/L

RT: 12.13 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VR025519.D

Acq: 19 Jul 2018 12:42

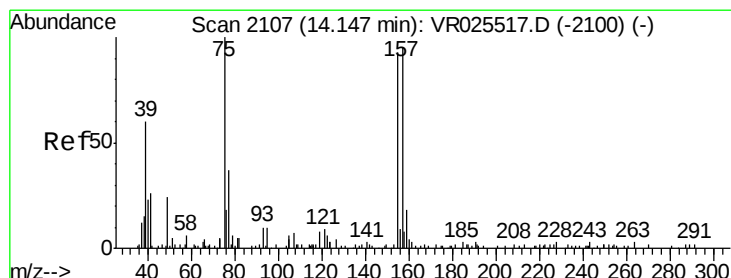
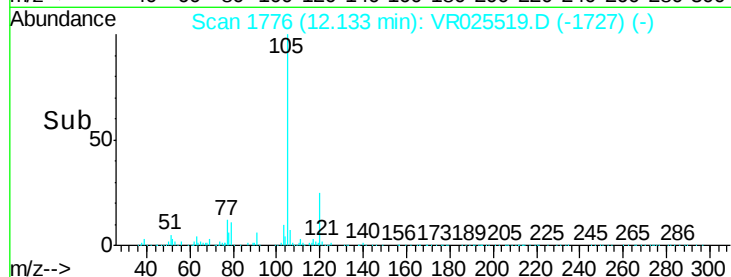
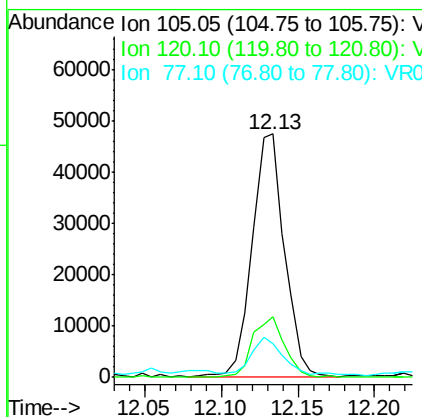
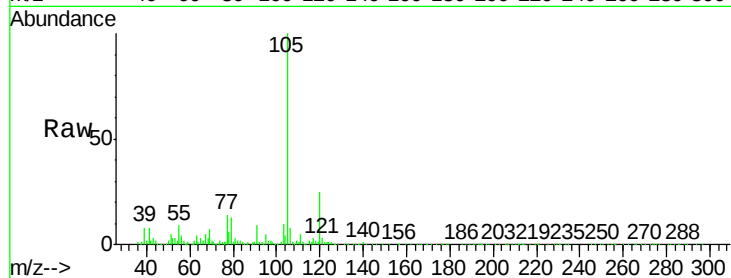
Instrument :

MSVOA_R

ClientSampleId :

C0AG0DL

Tgt Ion:	105	Resp:	69419
Ion	Ratio	Lower	Upper
105	100		
120	24.5	20.2	30.4
77	16.6	13.0	19.6



#66

1,2-Dibromo-3-chloropropane

Concen: 1.041 ug/L

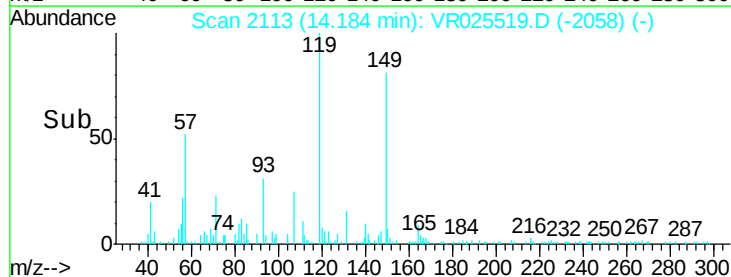
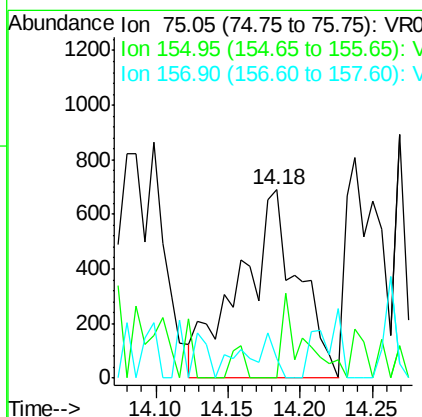
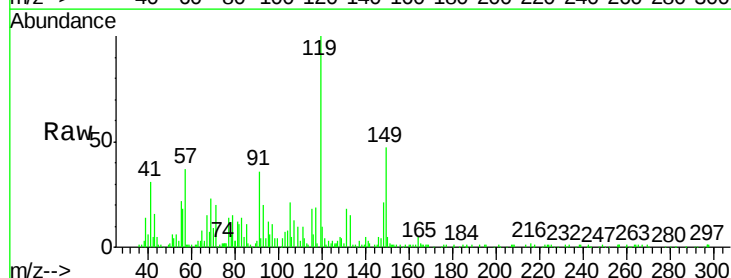
RT: 14.18 min Scan# 2113

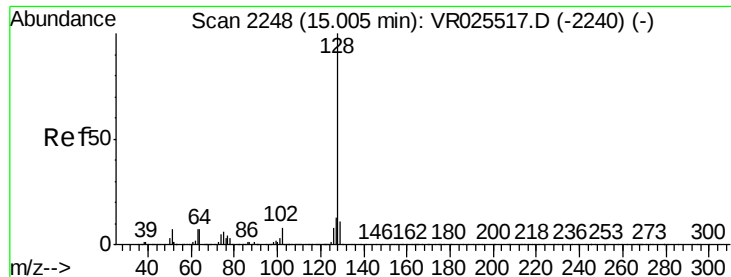
Delta R.T. 0.04 min

Lab File: VR025519.D

Acq: 19 Jul 2018 12:42

Tgt Ion:	75	Resp:	1920
Ion	Ratio	Lower	Upper
75	100		
155	0.0	74.1	111.1#
157	10.7	71.0	106.6#





#69

Naphthalene

Concen: 0.282 ug/L

RT: 14.97 min Scan# 2242

Delta R.T. -0.04 min

Lab File: VR025519.D

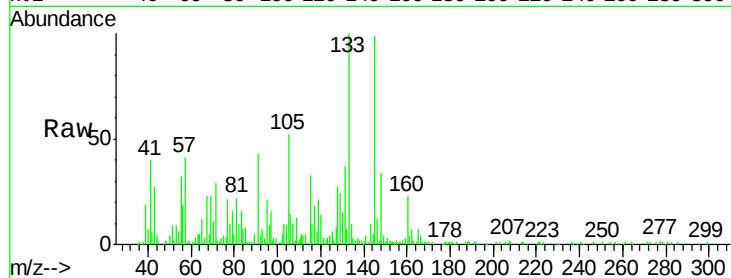
Acq: 19 Jul 2018 12:42

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Tgt Ion:128 Resp: 7788

Ion Ratio Lower Upper

128 100

127 50.2 10.2 15.4#

129 93.4 8.6 13.0#

