

Data File : VR026380.D
Acq On : 25 Feb 2019 17:55
Operator : SY/MD
Sample : K1589-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09M6

Quant Time: Feb 26 06:22:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 26 06:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	579172	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	486043	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	155993	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	178267	3.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.00%
7) Chloroethane-d5	2.63	69	162816	3.50	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	3.60	63	369019	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	6.58	46	246422	59.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.18%
24) Chloroform-d	7.20	84	394663	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	7.89	65	172445	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	7.85	84	705427	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	8.89	67	200184	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	9.97	98	615415	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	10.23	79	45238	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	10.59	63	191299	62.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76864	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	128840	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

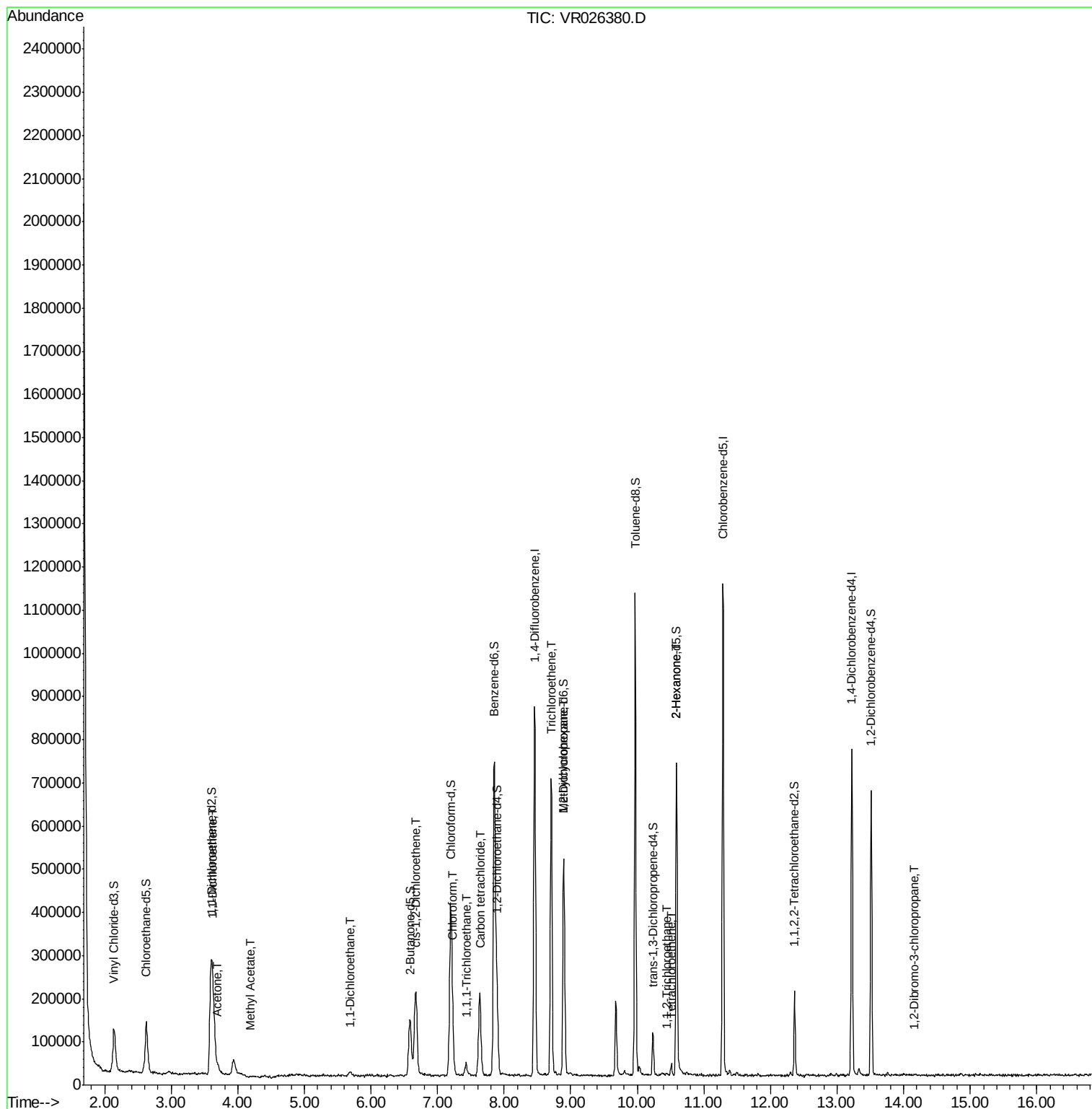
					Qvalue
12) 1,1-Dichloroethene	3.62	96	32654	0.645 ug/L #	1
13) Acetone	3.69	43	25001	6.720 ug/L	97
15) Methyl Acetate	4.18	43	938	0.089 ug/L #	74
19) 1,1-Dichloroethane	5.68	63	12932	0.153 ug/L #	77
22) cis-1,2-Dichloroethene	6.67	96	106700	2.753 ug/L #	86
25) Chloroform	7.23	83	73633	0.908 ug/L	93
29) 1,1,1-Trichloroethane	7.43	97	21429	0.304 ug/L	98
31) Carbon tetrachloride	7.64	117	144628	2.209 ug/L	99
34) Trichloroethene	8.71	95	222327	4.732 ug/L	95
35) Methylcyclohexane	8.89	83	50029	0.751 ug/L #	15
45) 1,1,2-Trichloroethane	10.45	97	1386	0.085 ug/L #	70
47) Tetrachloroethene	10.51	164	5150	0.151 ug/L	95
48) 2-Hexanone	10.59	43	32661	4.358 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	14.16	75	333	0.228 ug/L #	24

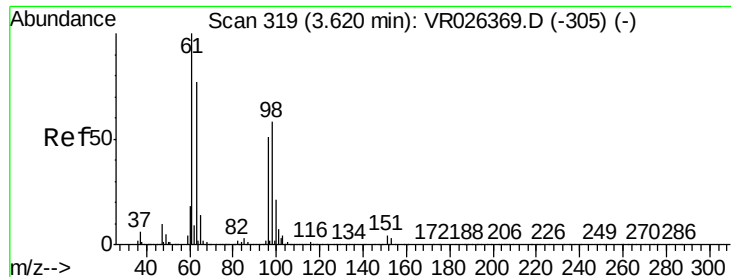
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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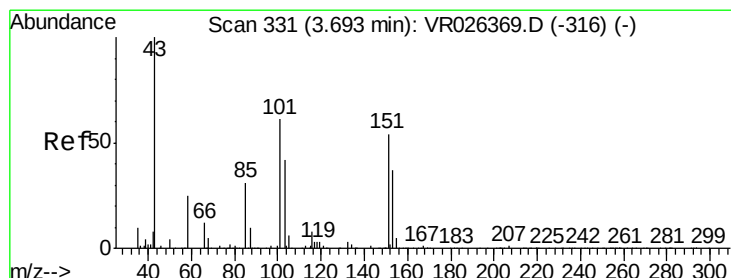
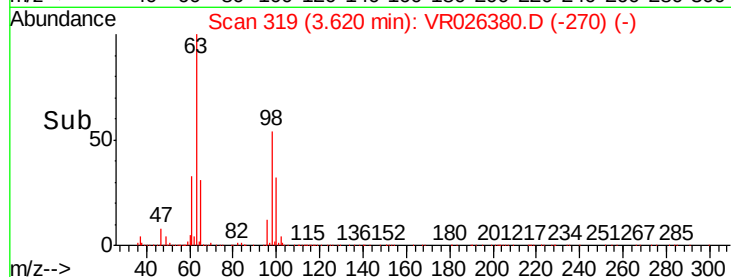
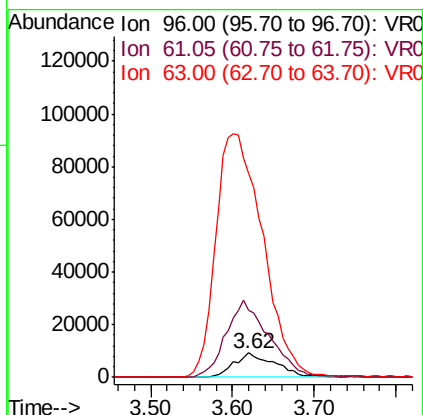
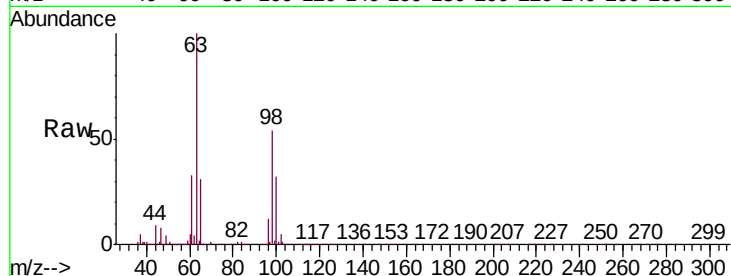




#12
 1,1-Dichloroethene
 Concen: 0.645 ug/L
 RT: 3.62 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VR026380.D
 Acq: 25 Feb 2019 17:55

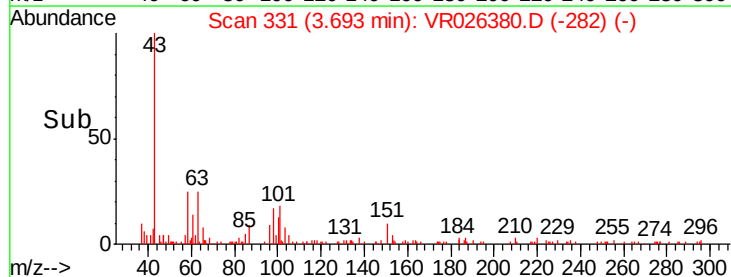
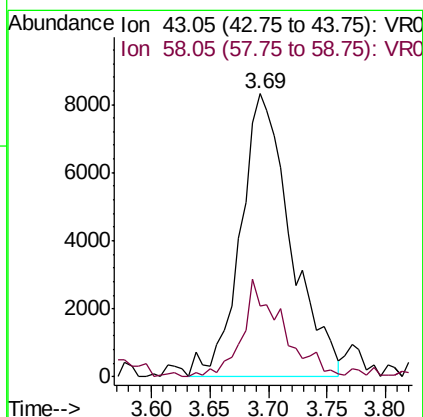
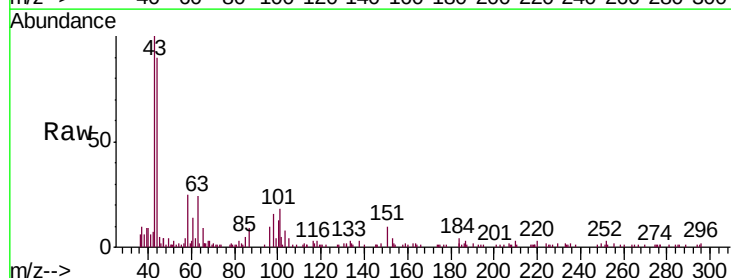
Instrument :
 MSVOA_R
 ClientSampleId :
 C09M6

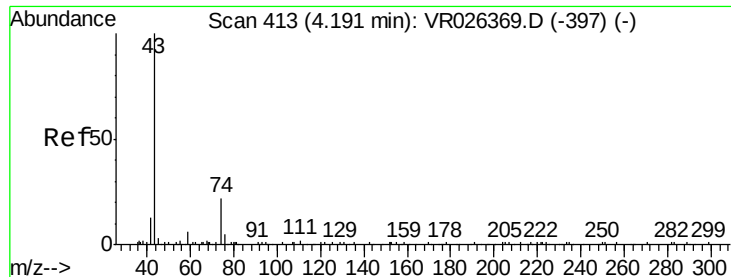
Tgt Ion: 96 Resp: 32654
 Ion Ratio Lower Upper
 96 100
 61 276.5 135.9 252.5#
 63 843.6 136.6 253.6#



#13
 Acetone
 Concen: 6.720 ug/L
 RT: 3.69 min Scan# 331
 Delta R.T. -0.00 min
 Lab File: VR026380.D
 Acq: 25 Feb 2019 17:55

Tgt Ion: 43 Resp: 25001
 Ion Ratio Lower Upper
 43 100
 58 27.5 0.0 52.2

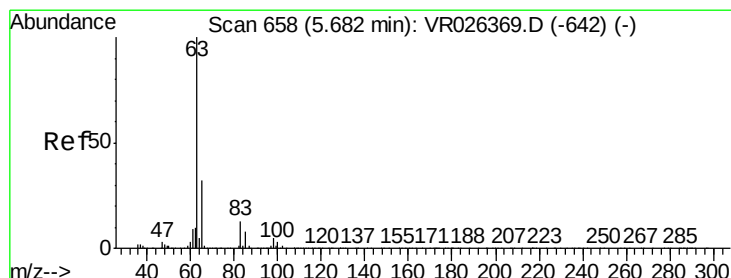
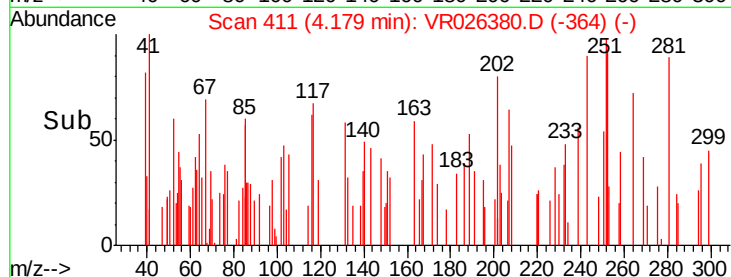
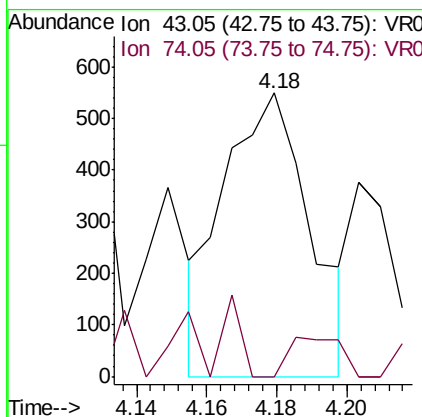
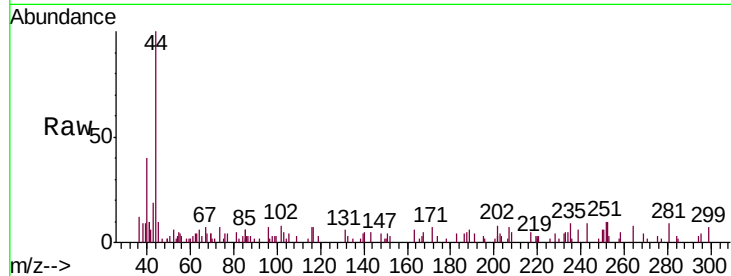




#15
Methyl Acetate
Concen: 0.089 ug/L
RT: 4.18 min Scan# 411
Delta R.T. -0.01 min
Lab File: VR026380.D
Acq: 25 Feb 2019 17:55

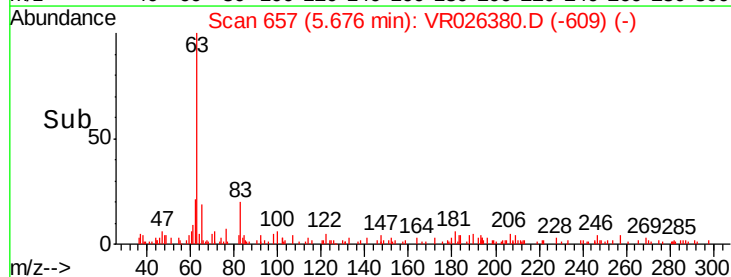
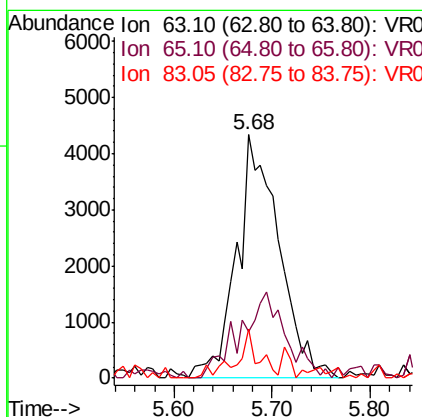
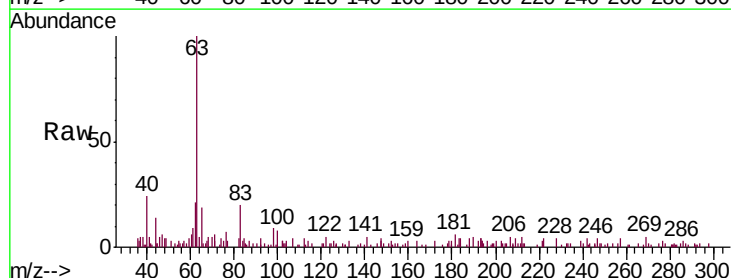
Instrument :
MSVOA_R
ClientSampled :
C09M6

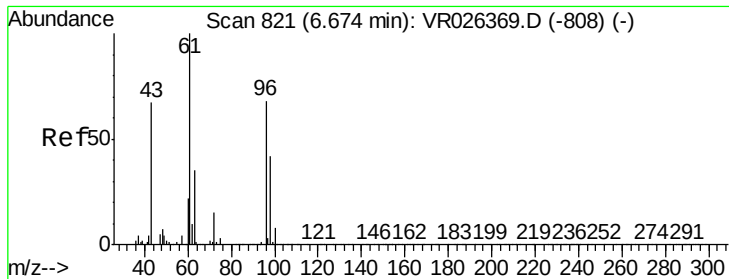
Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
74 8.5 16.6 25.0#



#19
1,1-Dichloroethane
Concen: 0.153 ug/L
RT: 5.68 min Scan# 657
Delta R.T. -0.01 min
Lab File: VR026380.D
Acq: 25 Feb 2019 17:55

Tgt Ion: 63 Resp: 12932
Ion Ratio Lower Upper
63 100
65 19.3 23.6 43.8#
83 20.0 8.8 16.4#





#22

cis-1,2-Dichloroethene

Concen: 2.753 ug/L

RT: 6.67 min Scan# 821

Delta R.T. -0.00 min

Lab File: VR026380.D

Acq: 25 Feb 2019 17:55

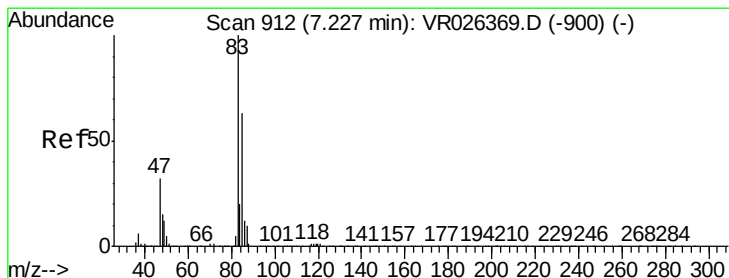
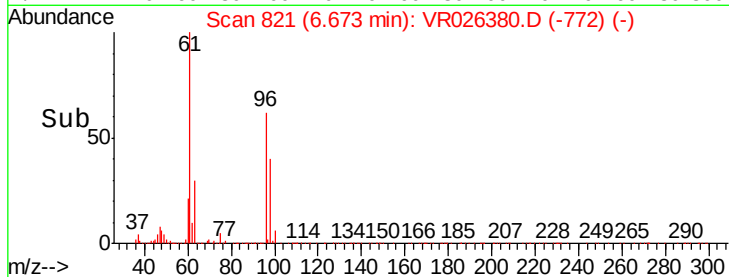
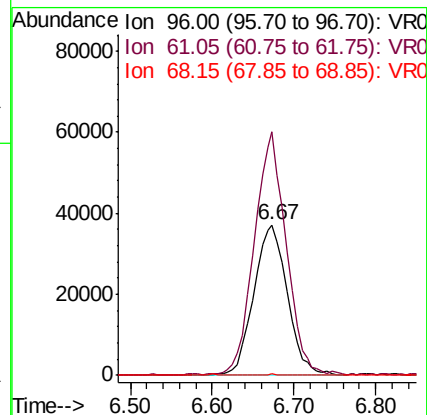
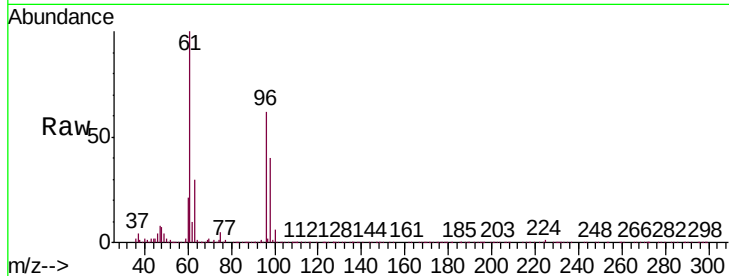
Instrument :

MSVOA_R

ClientSampled :

C09M6

Tgt Ion:	96	Resp:	106700
Ion	Ratio	Lower	Upper
96	100		
61	161.5	100.8	187.2
68	1.0	0.1	0.1#



#25

Chloroform

Concen: 0.908 ug/L

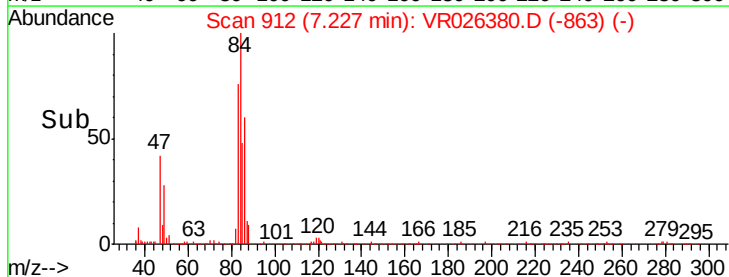
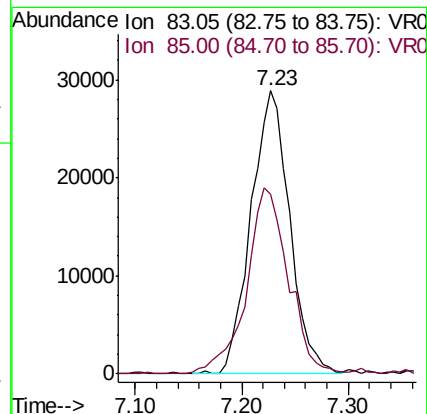
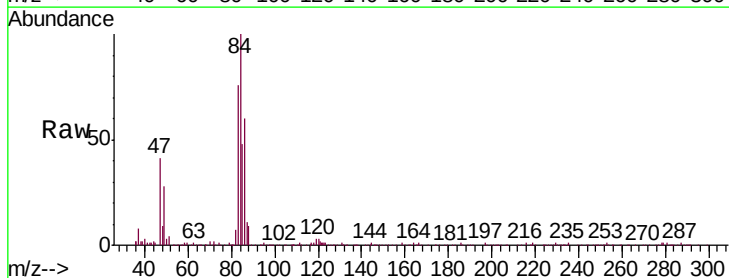
RT: 7.23 min Scan# 912

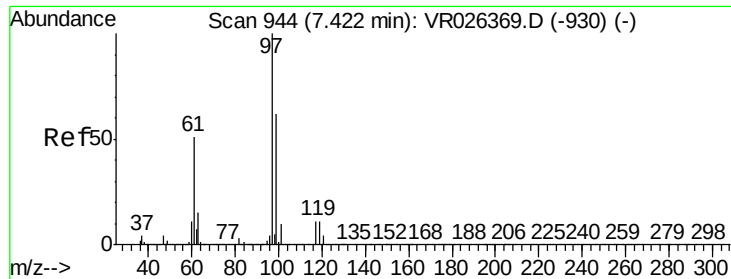
Delta R.T. -0.00 min

Lab File: VR026380.D

Acq: 25 Feb 2019 17:55

Tgt Ion:	83	Resp:	73633
Ion	Ratio	Lower	Upper
83	100		
85	63.3	48.6	90.2

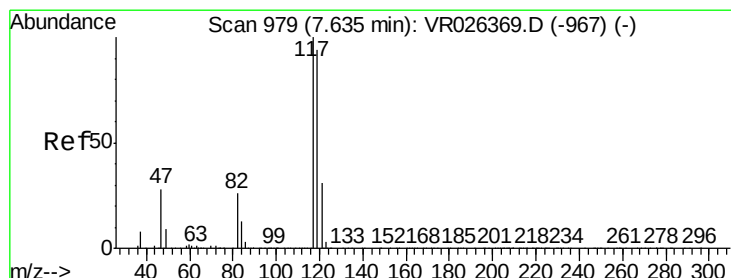
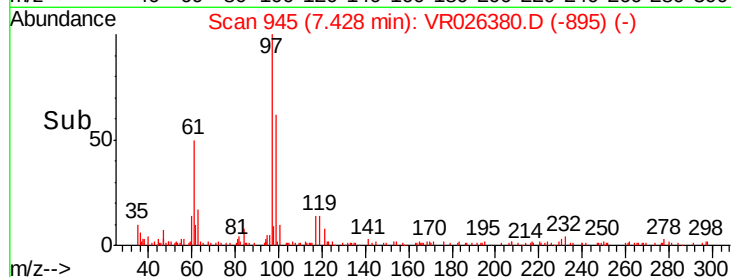
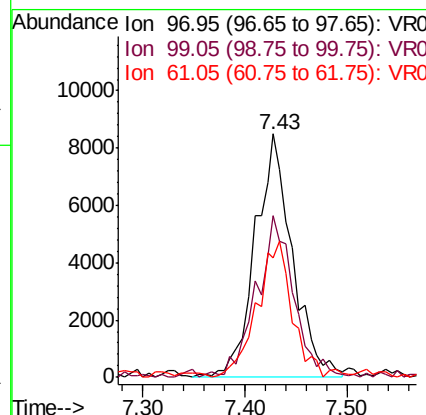
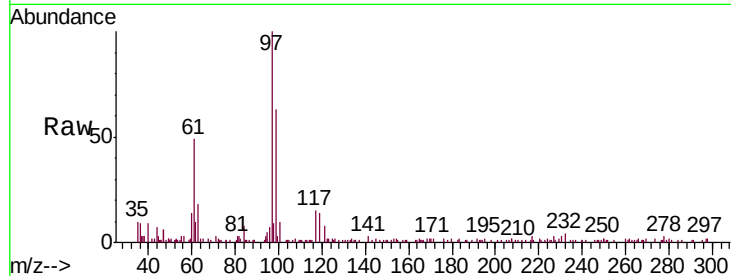




#29
 1,1,1-Trichloroethane
 Concen: 0.304 ug/L
 RT: 7.43 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: VR026380.D
 Acq: 25 Feb 2019 17:55

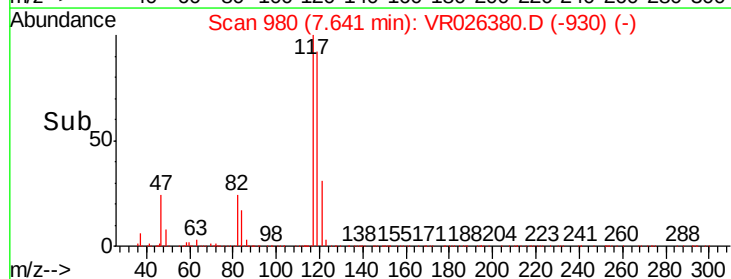
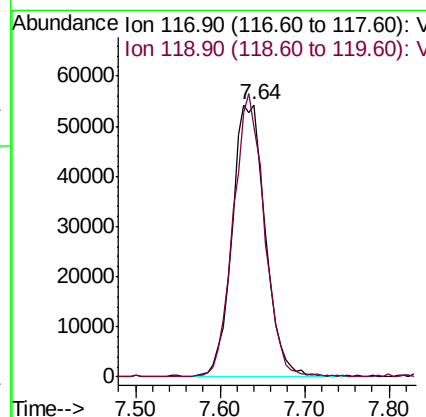
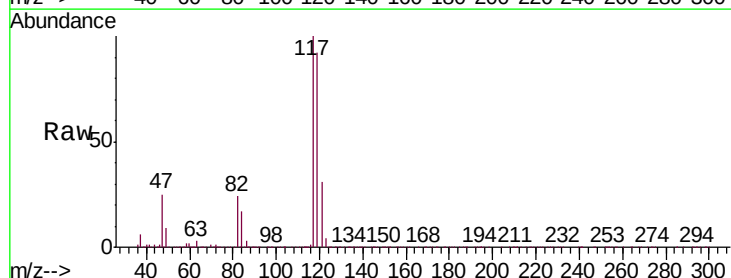
Instrument :
 MSVOA_R
 ClientSampled :
 C09M6

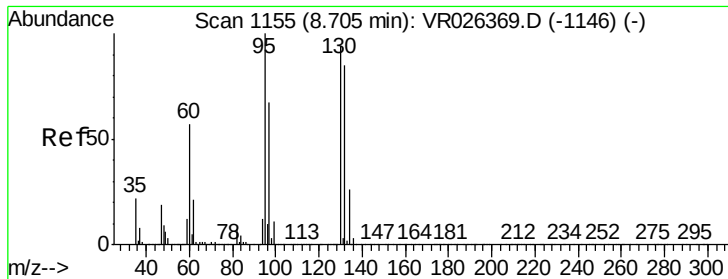
Tgt Ion: 97 Resp: 21429
 Ion Ratio Lower Upper
 97 100
 99 66.8 51.6 77.4
 61 53.1 41.8 62.6



#31
 Carbon tetrachloride
 Concen: 2.209 ug/L
 RT: 7.64 min Scan# 980
 Delta R.T. 0.01 min
 Lab File: VR026380.D
 Acq: 25 Feb 2019 17:55

Tgt Ion: 117 Resp: 144628
 Ion Ratio Lower Upper
 117 100
 119 97.4 77.0 115.6





#34

Trichloroethene

Concen: 4.732 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VR026380.D

Acq: 25 Feb 2019 17:55

Instrument :

MSVOA_R

ClientSampleId :

C09M6

Tgt Ion: 95 Resp: 222327

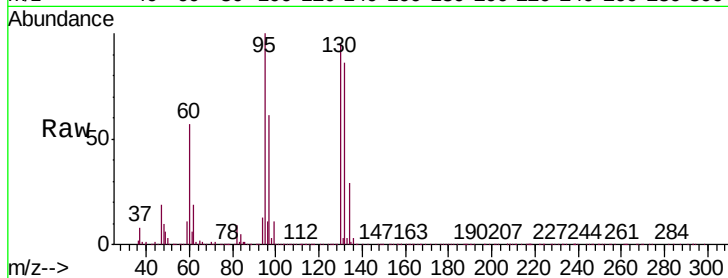
Ion Ratio Lower Upper

95 100

97 60.6 43.5 80.7

132 85.7 58.6 108.8

130 94.7 59.4 110.2

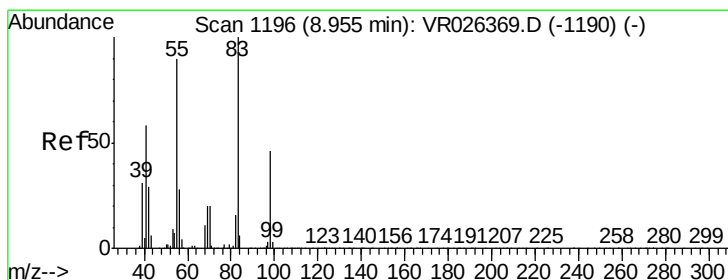
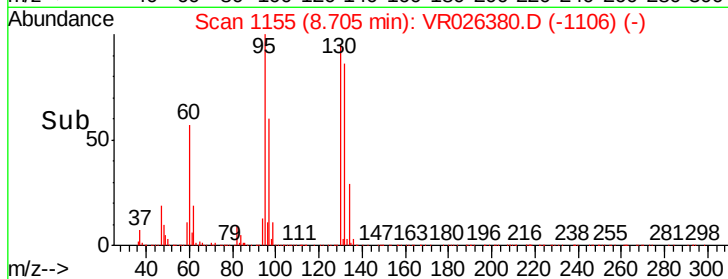
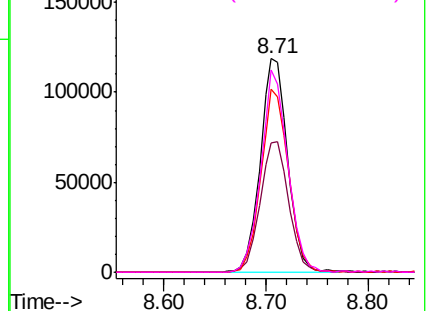


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.751 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026380.D

Acq: 25 Feb 2019 17:55

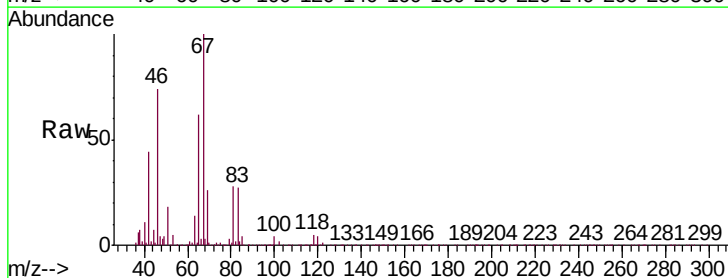
Tgt Ion: 83 Resp: 50029

Ion Ratio Lower Upper

83 100

55 0.6 72.2 108.2#

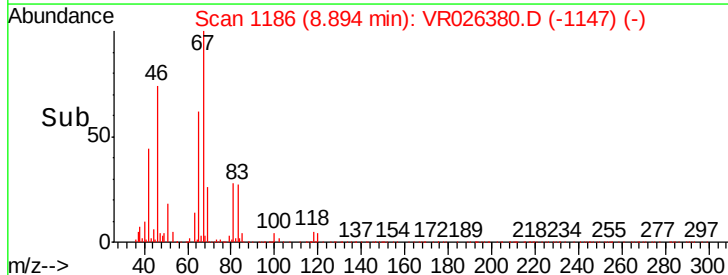
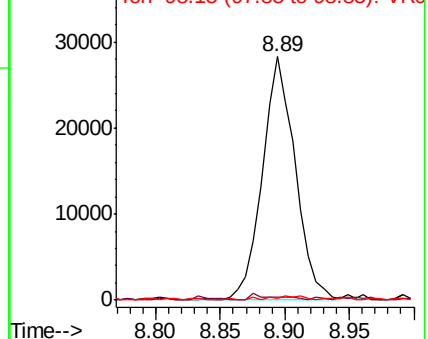
98 1.5 35.0 52.4#

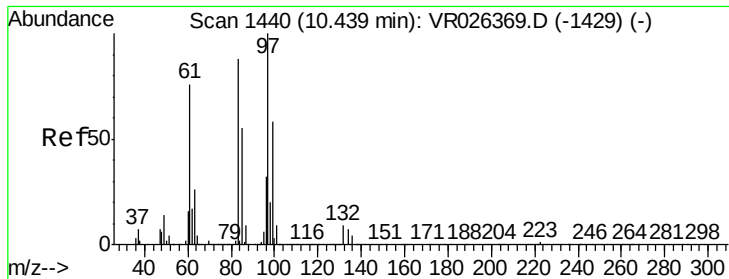


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

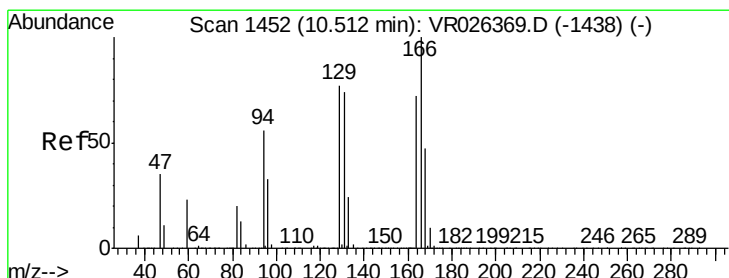
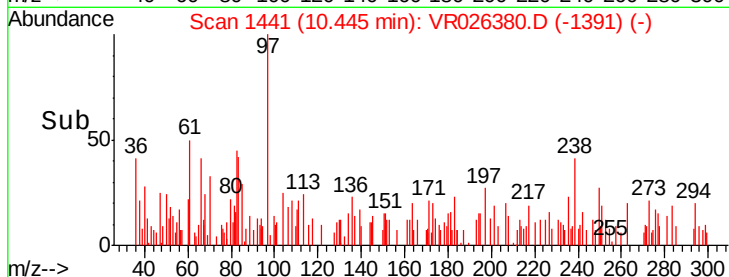
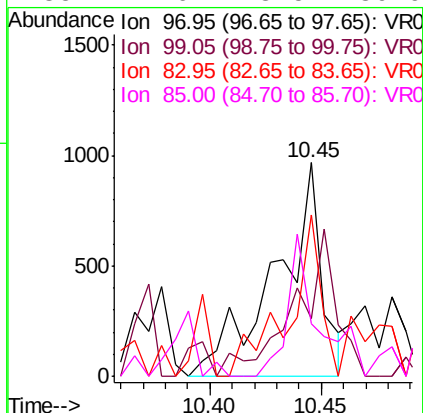
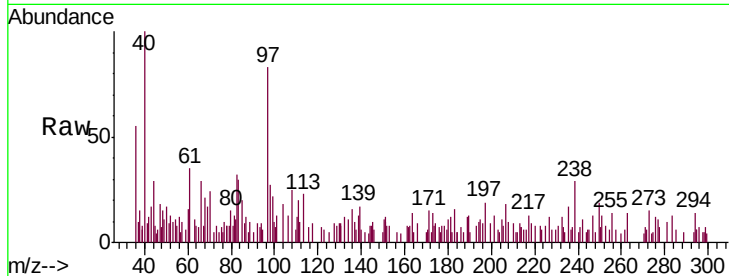




#45
1,1,2-Trichloroethane
Concen: 0.085 ug/L
RT: 10.45 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VR026380.D
Acq: 25 Feb 2019 17:55

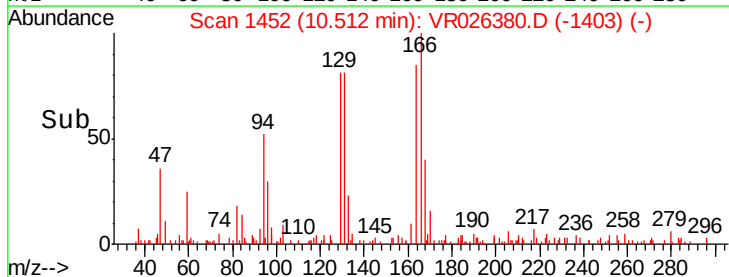
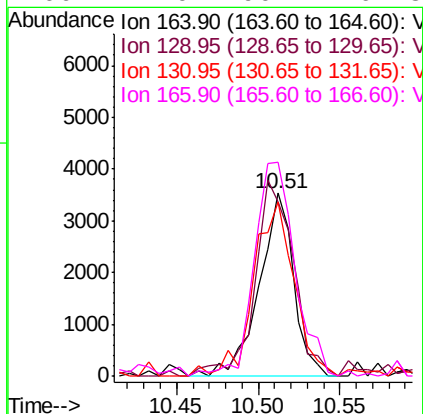
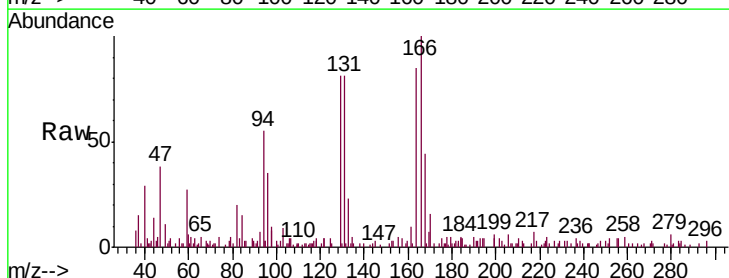
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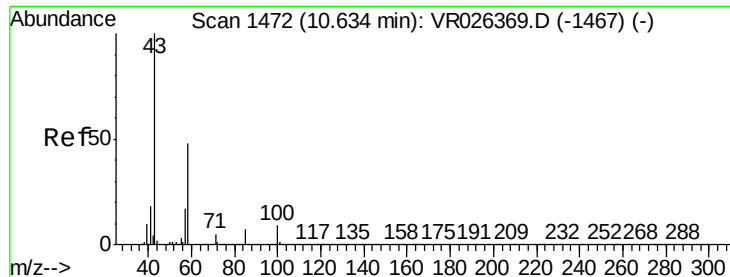
Tgt Ion: 97 Resp: 1386
Ion Ratio Lower Upper
97 100
99 26.9 38.1 70.7#
83 75.3 59.6 110.6
85 24.6 43.5 80.9#



#47
Tetrachloroethene
Concen: 0.151 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026380.D
Acq: 25 Feb 2019 17:55

Tgt Ion: 164 Resp: 5150
Ion Ratio Lower Upper
164 100
129 95.4 67.2 124.8
131 95.2 67.3 125.1
166 117.0 90.4 167.8





#48

2-Hexanone

Concen: 4.358 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026380.D

Acq: 25 Feb 2019 17:55

Instrument :

MSVOA_R

ClientSampleId :

C09M6

Tgt Ion: 43 Resp: 32661

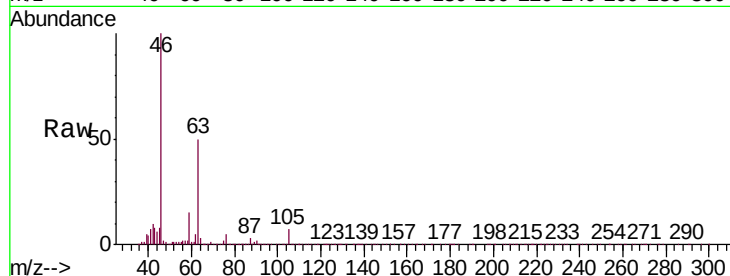
Ion Ratio Lower Upper

43 100

58 25.6 38.4 57.6#

57 28.2 13.2 19.8#

100 2.3 6.3 9.5#



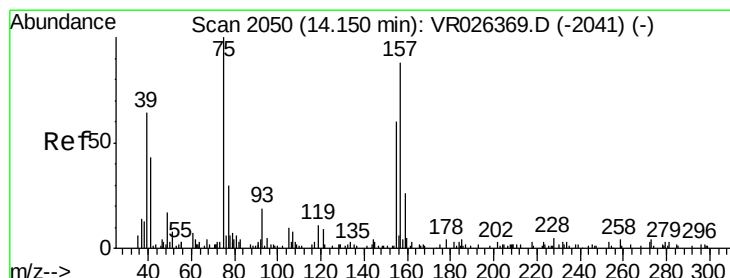
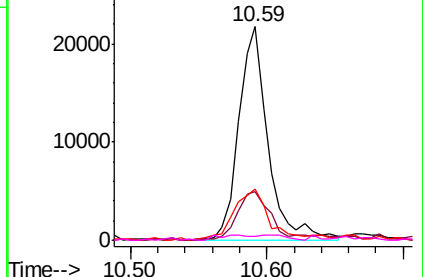
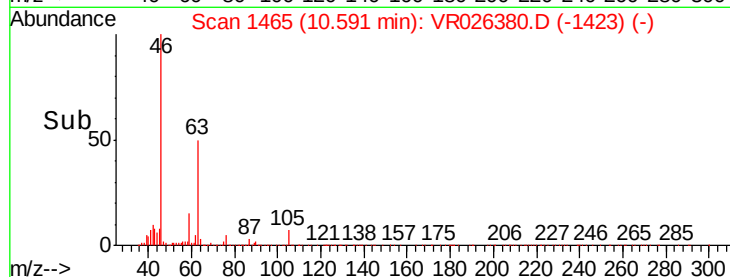
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.228 ug/L

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: VR026380.D

Acq: 25 Feb 2019 17:55

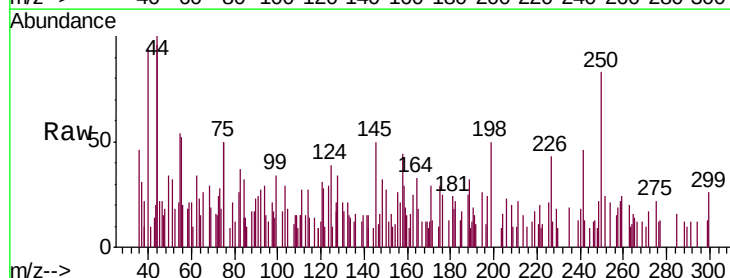
Tgt Ion: 75 Resp: 333

Ion Ratio Lower Upper

75 100

155 0.0 53.8 80.8#

157 21.0 67.4 101.0#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): VR0

Ion 156.90 (156.60 to 157.60): VR0

Time-->

