

Data File : VR026408.D
Acq On : 27 Feb 2019 17:18
Operator : SY/MD
Sample : K1588-13
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09Q1

Quant Time: Feb 28 07:34:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	501150	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	404909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	149069	3.04	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.80%
7) Chloroethane-d5	2.62	69	140323	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	3.60	63	310992	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	6.58	46	191568	53.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.08%
24) Chloroform-d	7.20	84	333207	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	7.89	65	140691	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	7.85	84	573379	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
36) 1,2-Dichloropropane-d6	8.89	67	159863	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	9.97	98	514704	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	10.23	79	33708	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	10.59	63	143432	55.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60110	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	98789	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

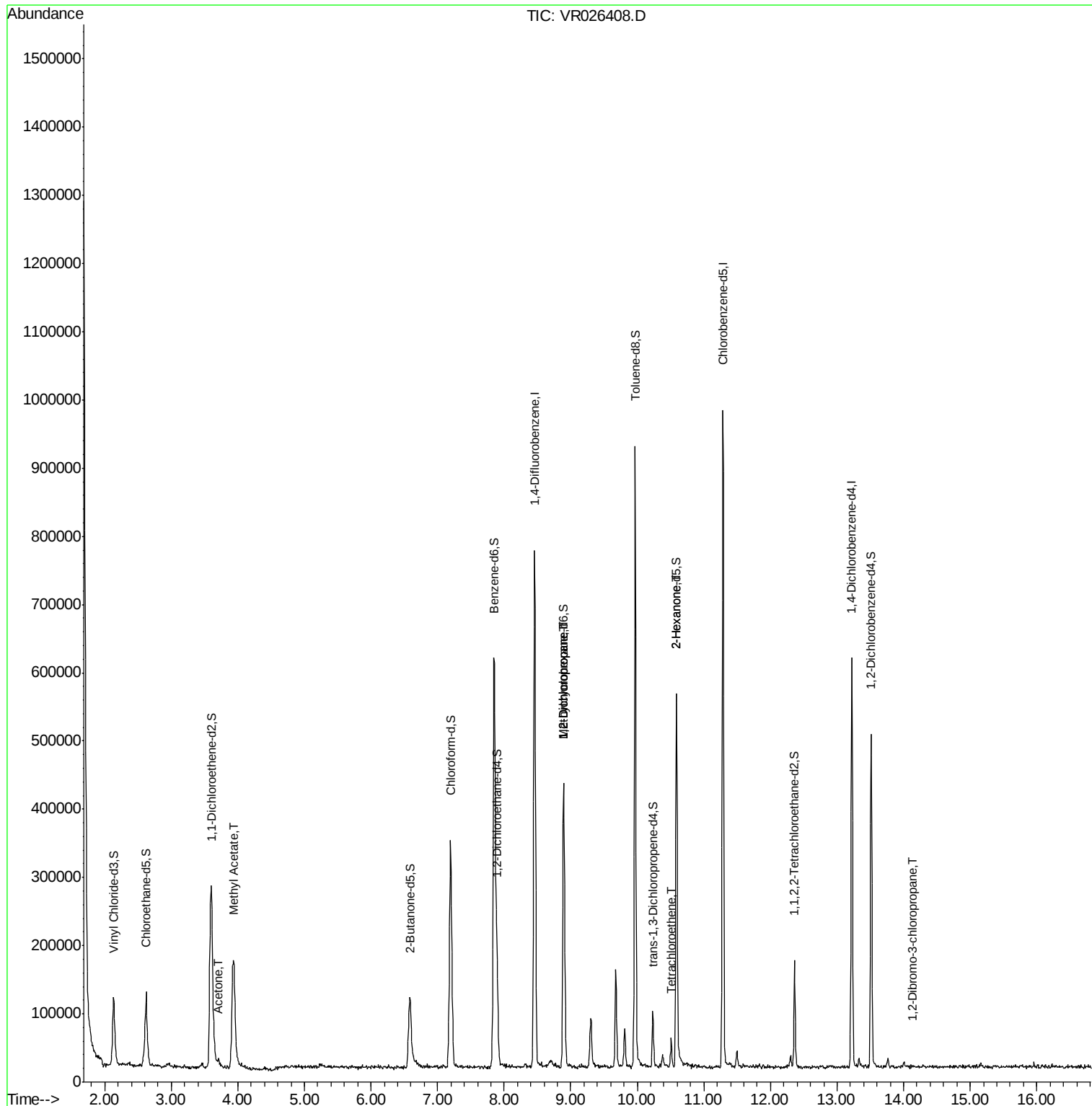
					Qvalue
13) Acetone	3.70	43	12361	3.840 ug/L	81
15) Methyl Acetate	3.94	43	82278	9.032 ug/L #	56
35) Methylcyclohexane	8.89	83	39670	0.715 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	19997	0.605 ug/L #	89
47) Tetrachloroethene	10.51	164	7305	0.257 ug/L #	75
48) 2-Hexanone	10.59	43	23829	3.817 ug/L #	74
66) 1,2-Dibromo-3-chloropropan	14.13	75	291	0.256 ug/L #	26

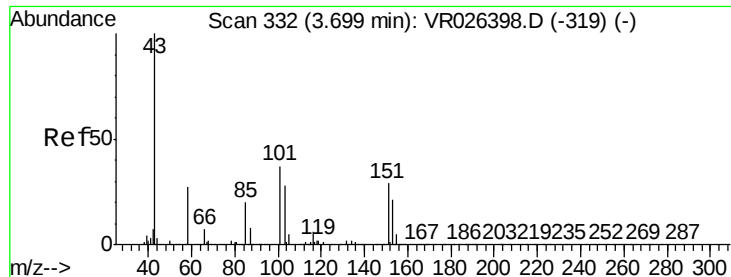
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VR026408.D
Acq On : 27 Feb 2019 17:18
Operator : SY/MD
Sample : K1588-13
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09Q1

Quant Time: Feb 28 07:34:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.840 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026408.D

Acq: 27 Feb 2019 17:18

Instrument :

MSVOA_R

ClientSampleId :

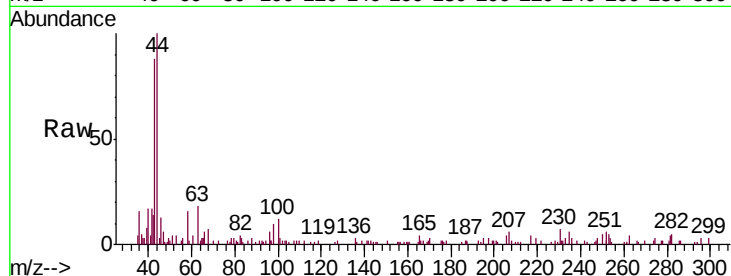
C09Q1

Tgt Ion: 43 Resp: 12361

Ion Ratio Lower Upper

43 100

58 16.6 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.70

5000

4000

3000

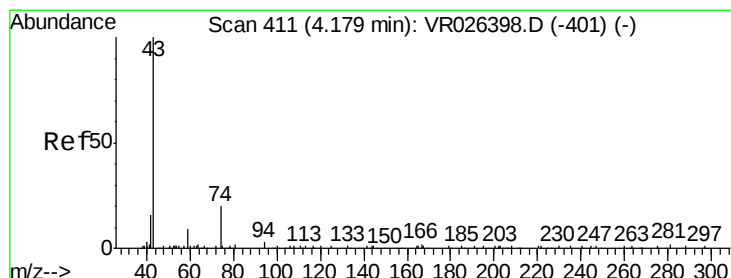
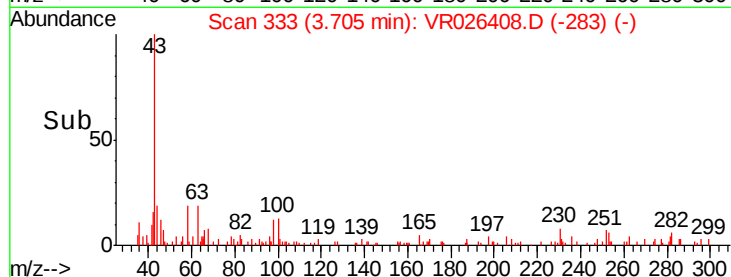
2000

1000

0

Time-->

3.60 3.65 3.70 3.75 3.80



#15

Methyl Acetate

Concen: 9.032 ug/L

RT: 3.94 min Scan# 371

Delta R.T. -0.24 min

Lab File: VR026408.D

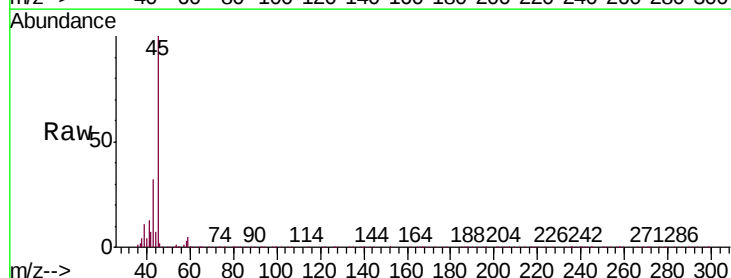
Acq: 27 Feb 2019 17:18

Tgt Ion: 43 Resp: 82278

Ion Ratio Lower Upper

43 100

74 0.2 16.6 25.0#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

3.94

30000

25000

20000

15000

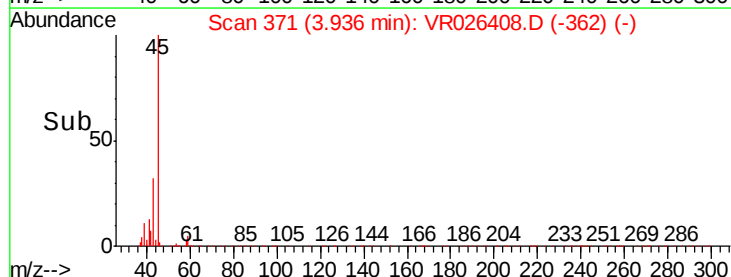
10000

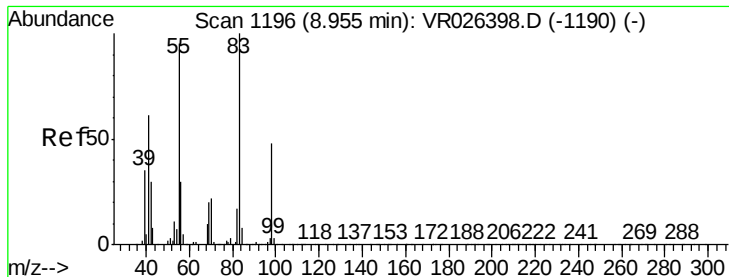
5000

0

Time-->

3.85 3.90 3.95 4.00 4.05





#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026408.D

Acq: 27 Feb 2019 17:18

Instrument :

MSVOA_R

ClientSampleId :

C09Q1

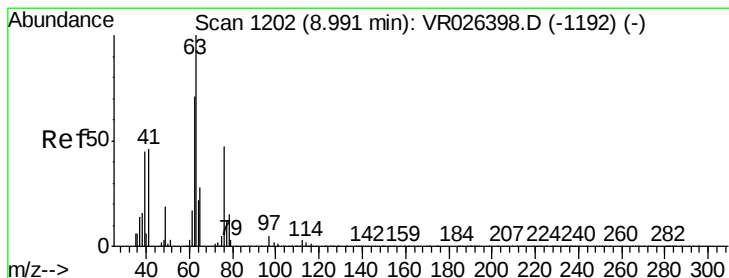
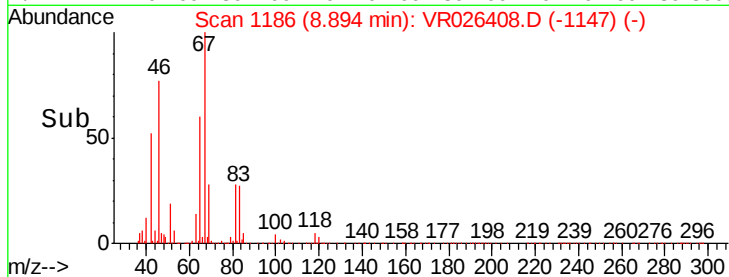
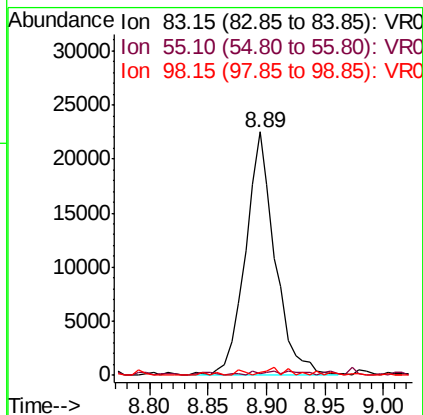
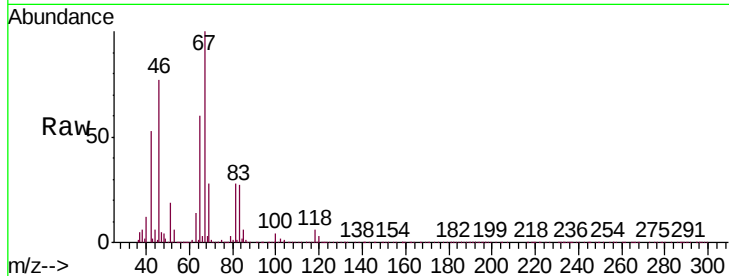
Tgt Ion: 83 Resp: 39670

Ion Ratio Lower Upper

83 100

55 0.6 72.2 108.2#

98 2.1 35.0 52.4#



#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026408.D

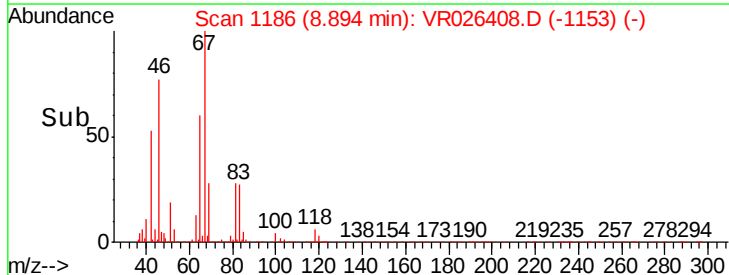
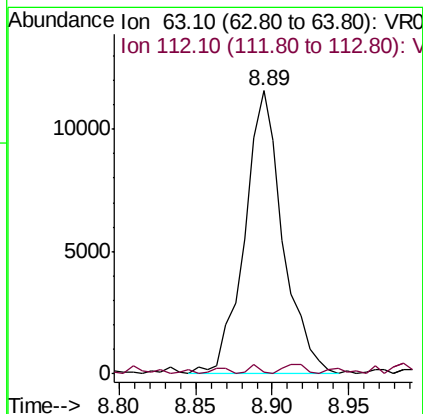
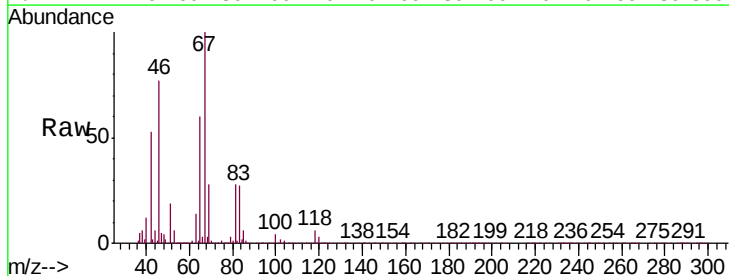
Acq: 27 Feb 2019 17:18

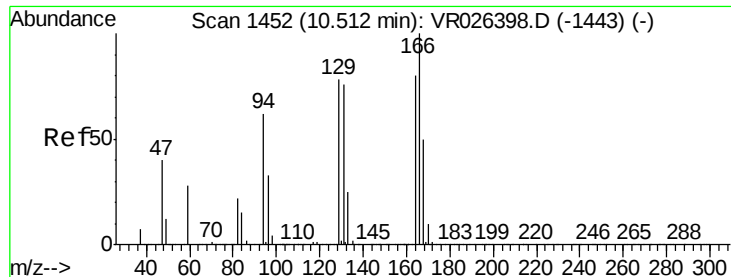
Tgt Ion: 63 Resp: 19997

Ion Ratio Lower Upper

63 100

112 1.0 3.6 5.4#

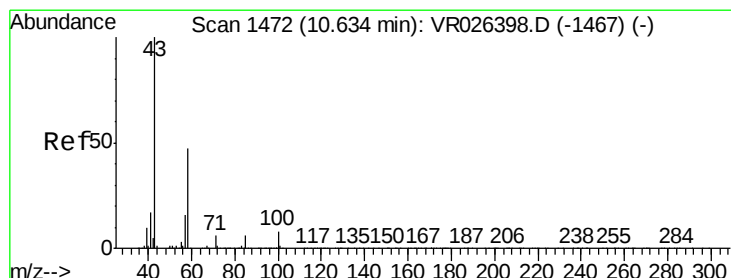
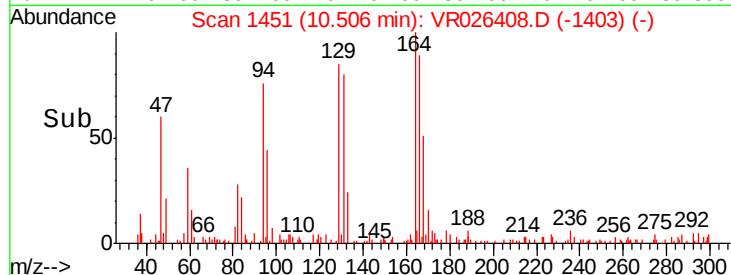
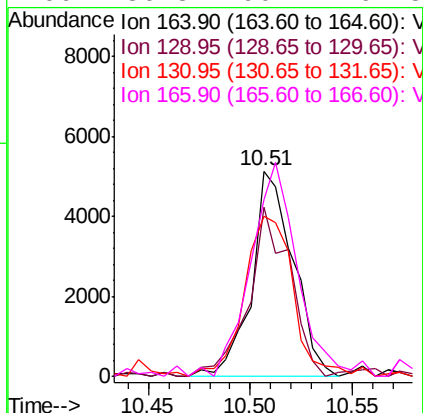
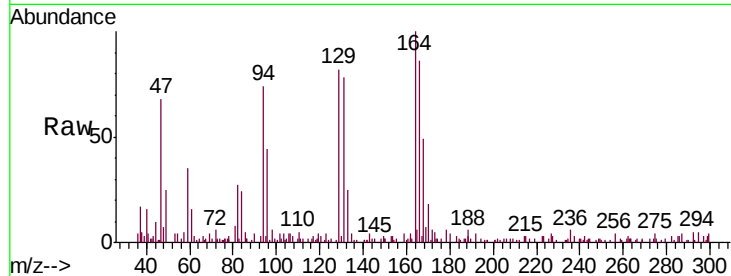




#47
Tetrachloroethene
Concen: 0.257 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VR026408.D
Acq: 27 Feb 2019 17:18

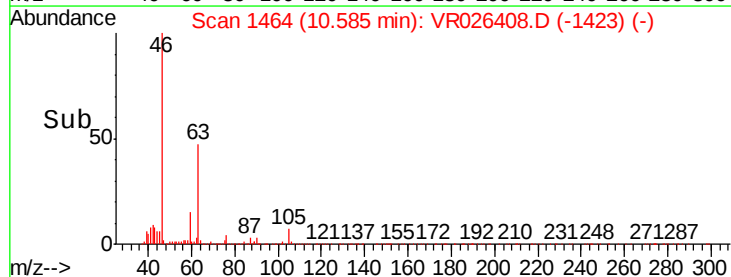
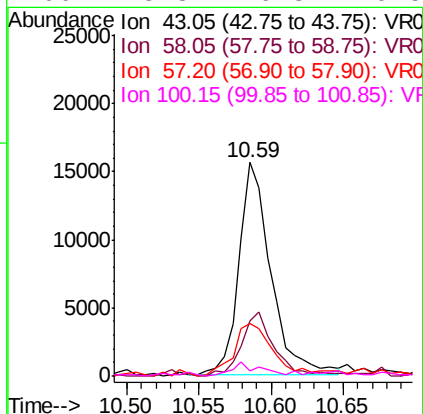
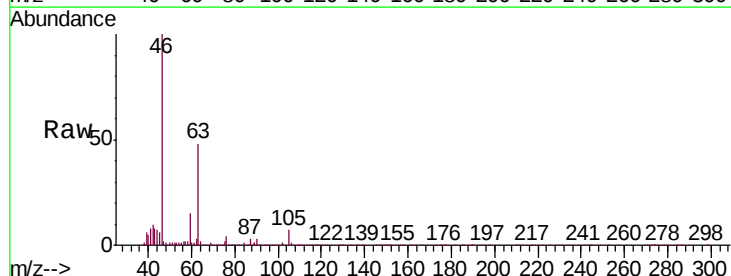
Instrument :
MSVOA_R
ClientSampleId :
C09Q1

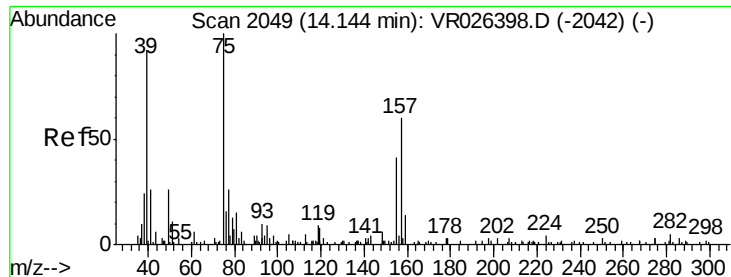
Tgt Ion:164 Resp: 7305
Ion Ratio Lower Upper
164 100
129 82.1 67.2 124.8
131 77.7 67.3 125.1
166 86.3 90.4 167.8#



#48
2-Hexanone
Concen: 3.817 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026408.D
Acq: 27 Feb 2019 17:18

Tgt Ion: 43 Resp: 23829
Ion Ratio Lower Upper
43 100
58 30.4 38.4 57.6#
57 32.2 13.2 19.8#
100 5.8 6.3 9.5#

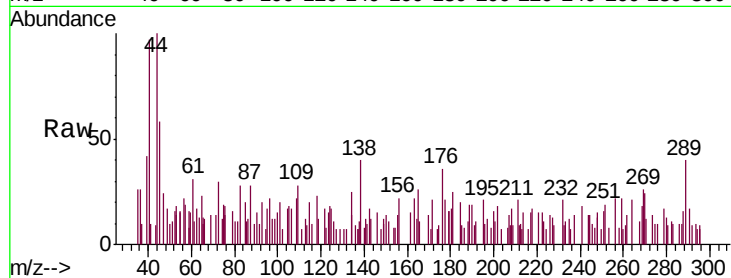




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.256 ug/L
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: VR026408.D
 Acq: 27 Feb 2019 17:18

Instrument :
 MSVOA_R
 ClientSampleId :
 C09Q1

Tgt Ion: 75 Resp: 291
 Ion Ratio Lower Upper
 75 100
 155 26.3 53.8 80.8#
 157 0.0 67.4 101.0#



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

