

Data File : VR026407.D
Acq On : 27 Feb 2019 16:45
Operator : SY/MD
Sample : K1588-12
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09Q0

Quant Time: Feb 28 07:34:32 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	492850	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	406073	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	119085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	149112	3.09	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	2.62	69	149608	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	3.60	63	307613	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	6.59	46	186662	53.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	7.20	84	326862	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	7.89	65	140803	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	7.85	84	568239	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	8.90	67	162445	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	9.97	98	478445	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	10.23	79	33730	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	10.59	63	146036	56.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61507	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	101412	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

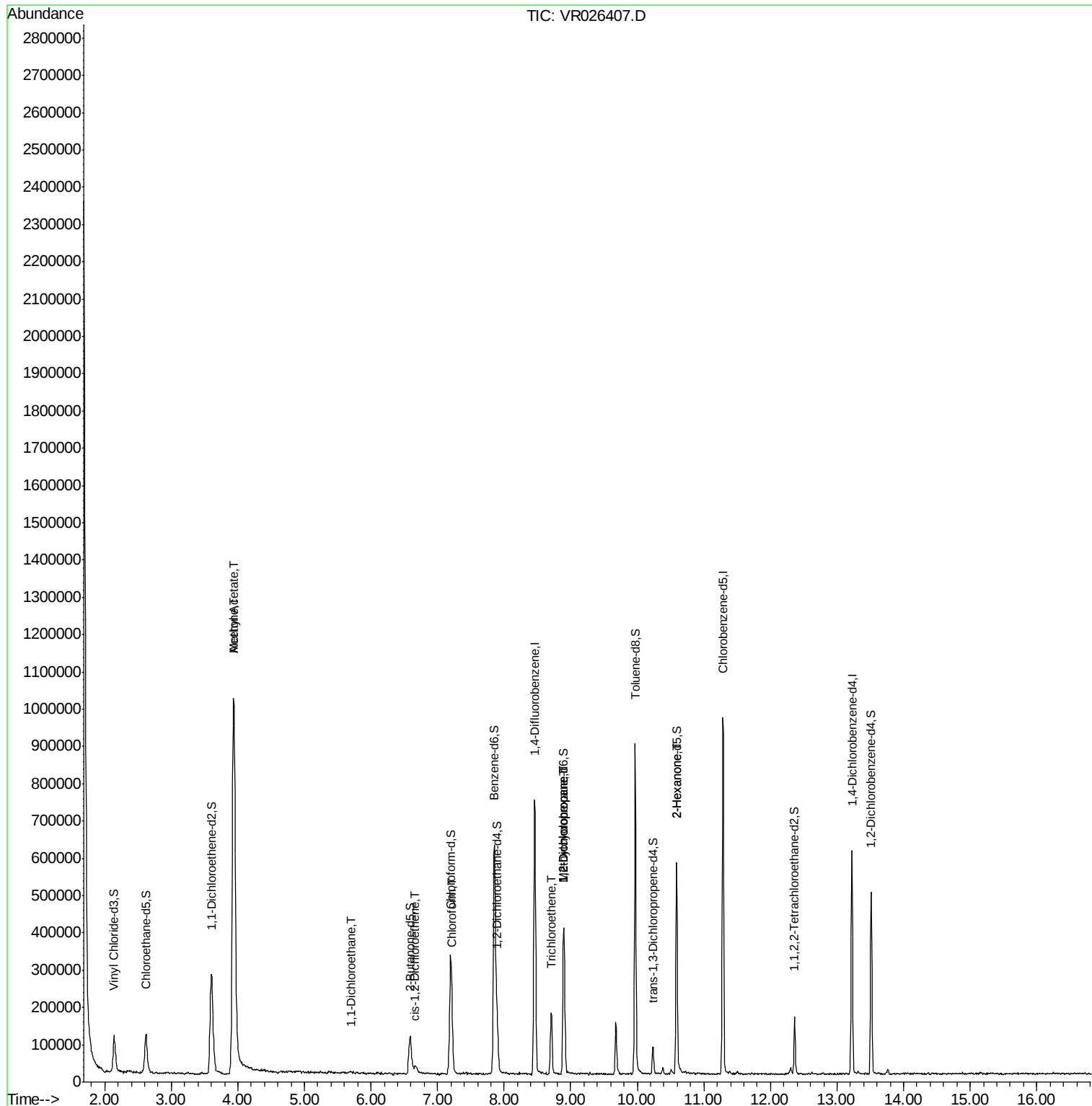
						Qvalue
13) Acetone	3.94	43	476274	150.449	ug/L	60
15) Methyl Acetate	3.94	43	484412	54.069	ug/L #	55
19) 1,1-Dichloroethane	5.70	63	4560	0.063	ug/L #	80
22) cis-1,2-Dichloroethene	6.67	96	9219	0.280	ug/L #	83
25) Chloroform	7.22	83	12681	0.184	ug/L	98
34) Trichloroethene	8.71	95	53108	1.353	ug/L	95
35) Methylcyclohexane	8.89	83	39617	0.712	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	22644	0.683	ug/L #	90
48) 2-Hexanone	10.59	43	24321	3.885	ug/L #	69

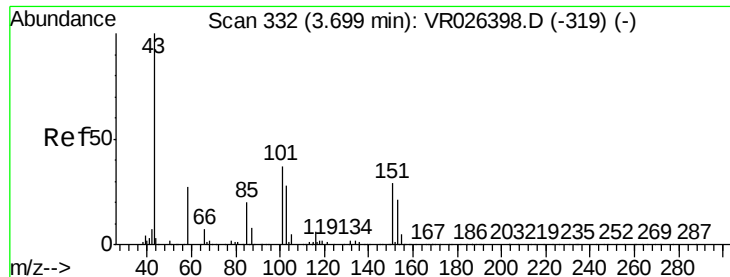
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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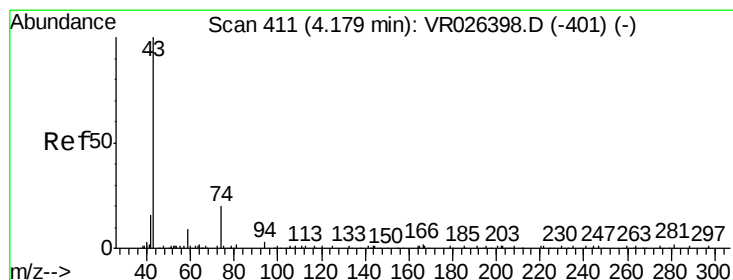
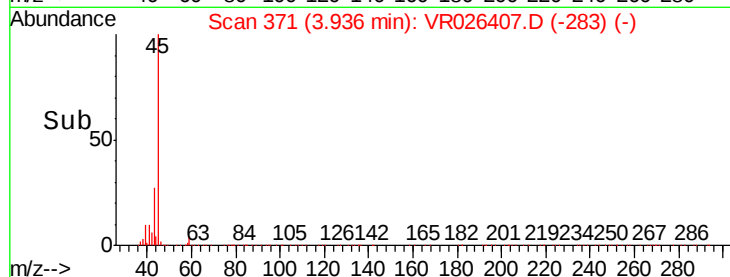
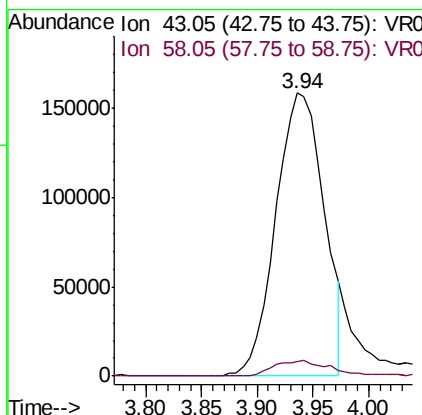
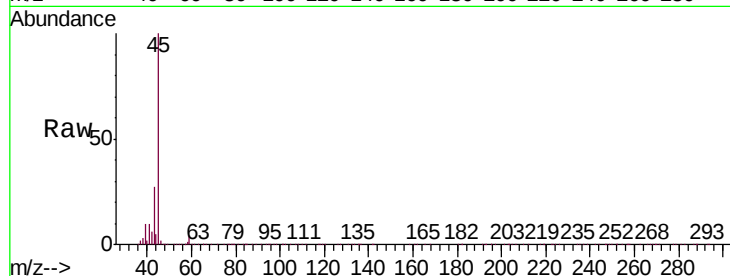




#13
Acetone
Concen: 150.449 ug/L
RT: 3.94 min Scan# 371
Delta R.T. 0.24 min
Lab File: VR026407.D
Acq: 27 Feb 2019 16:45

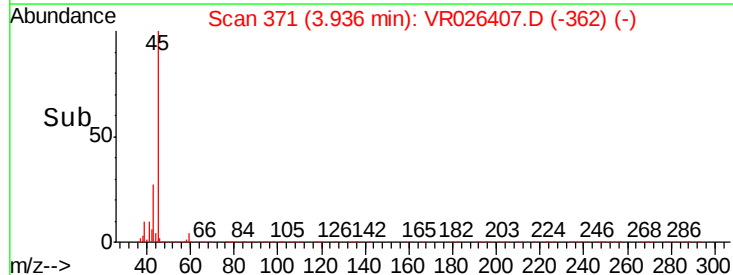
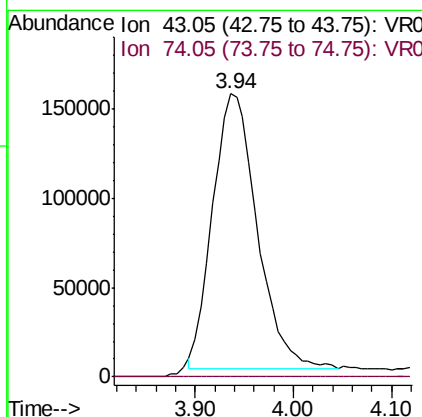
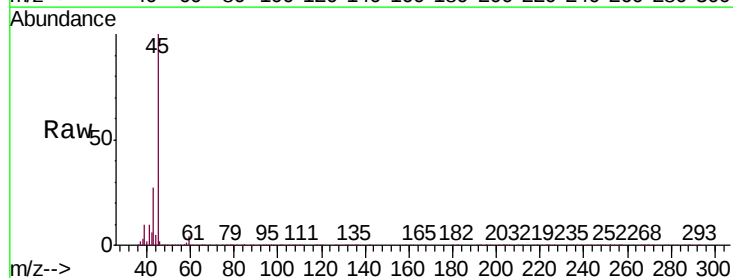
Instrument :
MSVOA_R
ClientSampleId :
C09Q0

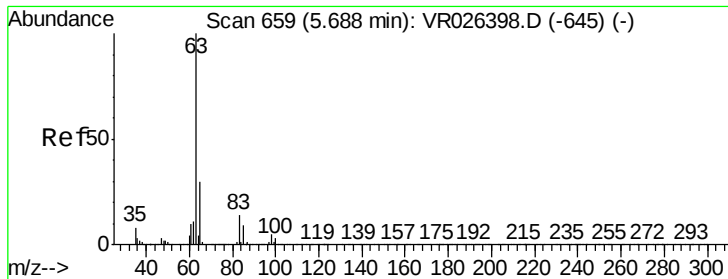
Tgt Ion: 43 Resp: 476274
Ion Ratio Lower Upper
43 100
58 5.8 0.0 52.2



#15
Methyl Acetate
Concen: 54.069 ug/L
RT: 3.94 min Scan# 371
Delta R.T. -0.24 min
Lab File: VR026407.D
Acq: 27 Feb 2019 16:45

Tgt Ion: 43 Resp: 484412
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#





#19

1,1-Dichloroethane

Concen: 0.063 ug/L

RT: 5.70 min Scan# 661

Delta R.T. 0.01 min

Lab File: VR026407.D

Acq: 27 Feb 2019 16:45

Instrument :

MSVOA_R

ClientSampled :

C09Q0

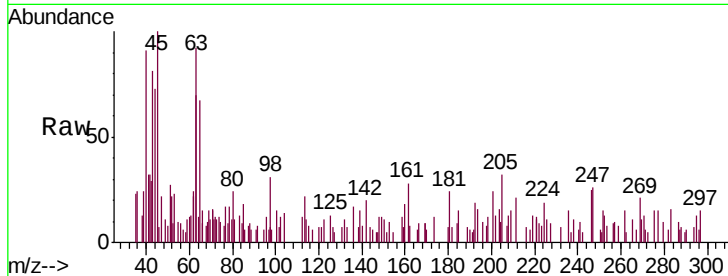
Tgt Ion: 63 Resp: 4560

Ion Ratio Lower Upper

63 100

65 46.9 23.6 43.8#

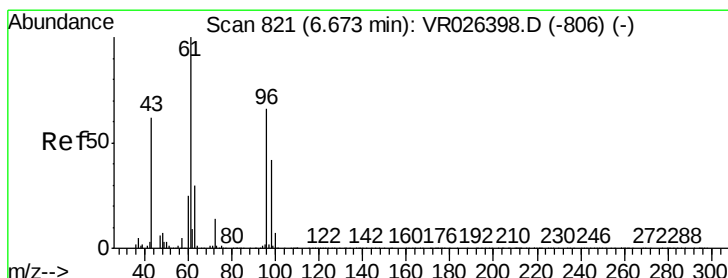
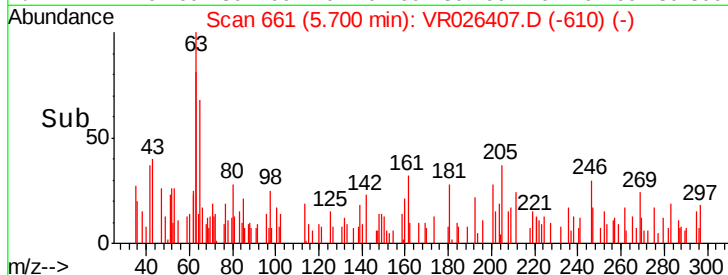
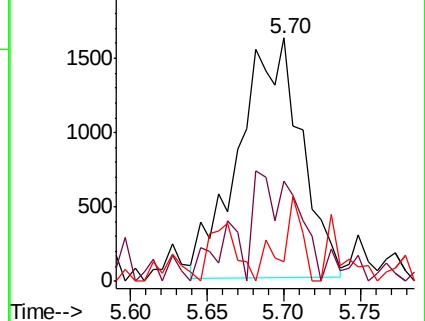
83 8.2 8.8 16.4#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.280 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.01 min

Lab File: VR026407.D

Acq: 27 Feb 2019 16:45

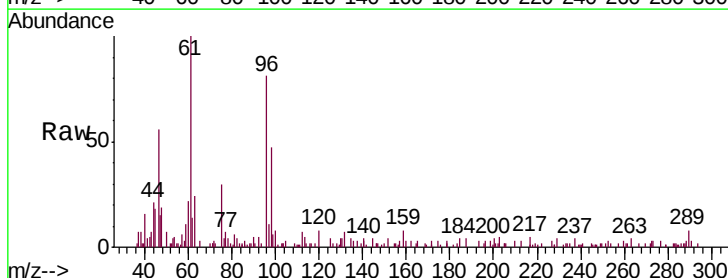
Tgt Ion: 96 Resp: 9219

Ion Ratio Lower Upper

96 100

61 123.4 100.8 187.2

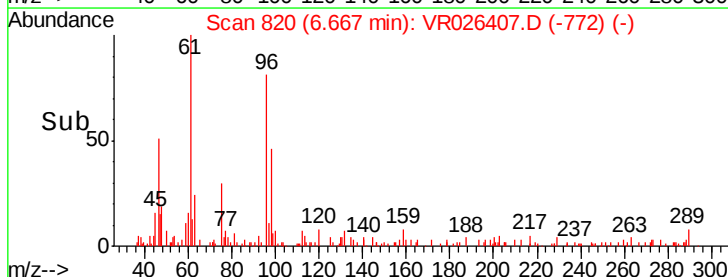
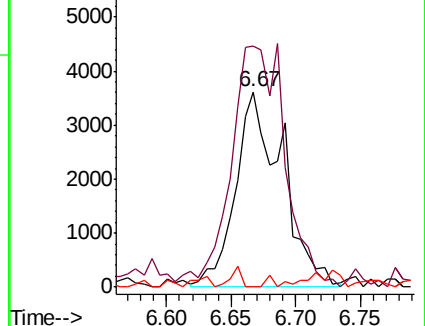
68 0.0 0.1 0.1#

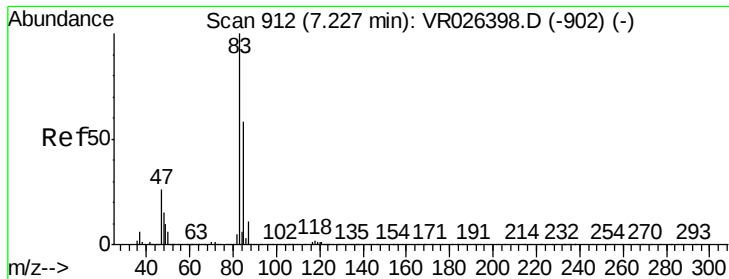


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

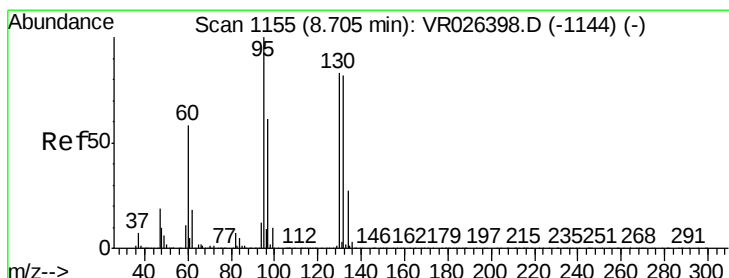
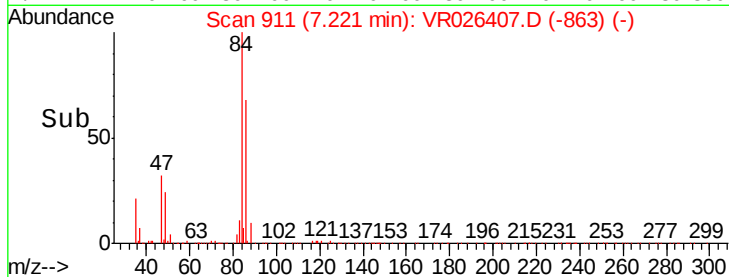
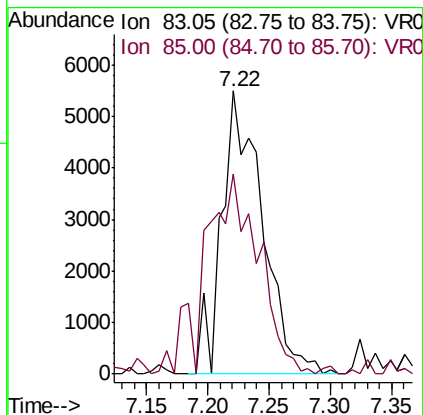
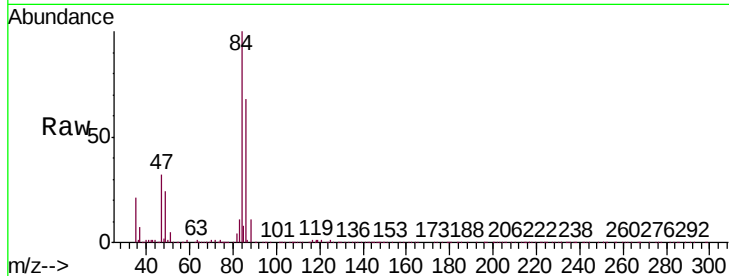




#25
Chloroform
Concen: 0.184 ug/L
RT: 7.22 min Scan# 911
Delta R.T. -0.01 min
Lab File: VR026407.D
Acq: 27 Feb 2019 16:45

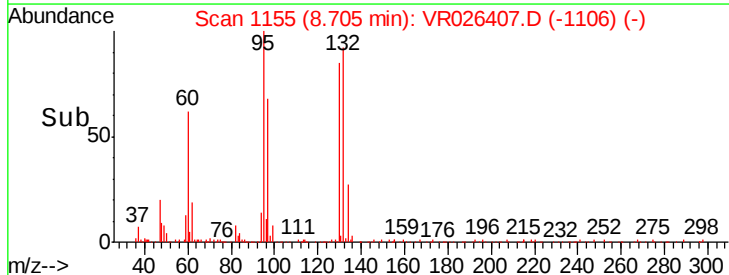
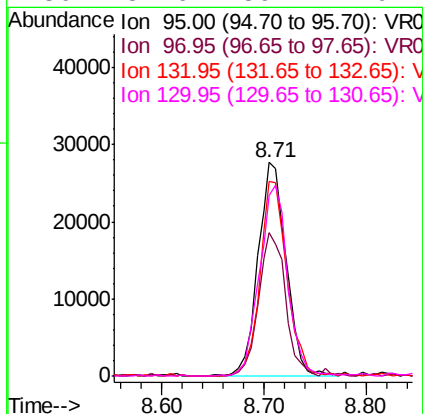
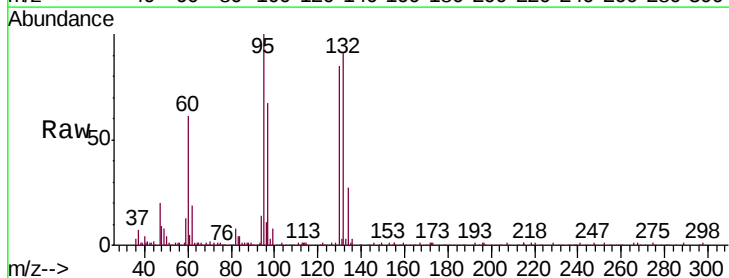
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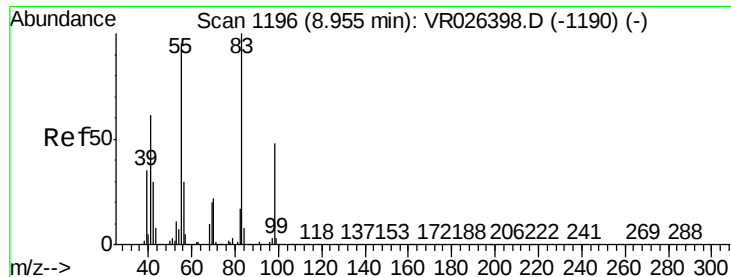
Tgt Ion: 83 Resp: 12681
Ion Ratio Lower Upper
83 100
85 70.8 48.6 90.2



#34
Trichloroethene
Concen: 1.353 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VR026407.D
Acq: 27 Feb 2019 16:45

Tgt Ion: 95 Resp: 53108
Ion Ratio Lower Upper
95 100
97 67.3 43.5 80.7
132 91.2 58.6 108.8
130 84.6 59.4 110.2





#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026407.D

Acq: 27 Feb 2019 16:45

Instrument :

MSVOA_R

ClientSampleId :

C09Q0

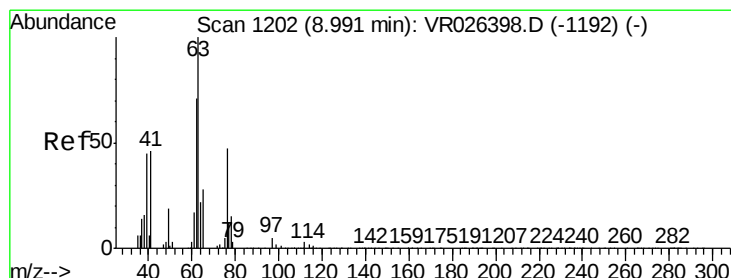
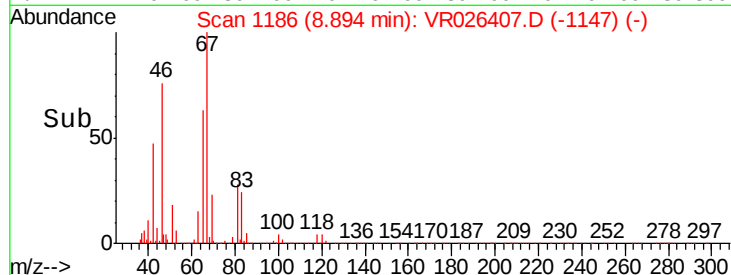
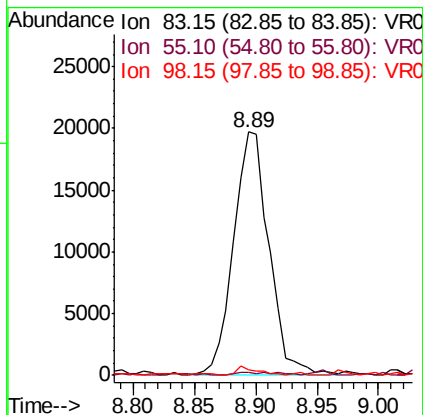
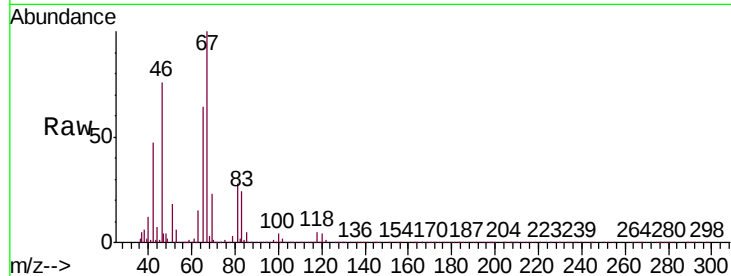
Tgt Ion: 83 Resp: 39617

Ion Ratio Lower Upper

83 100

55 1.1 72.2 108.2#

98 2.2 35.0 52.4#



#37

1,2-Dichloropropane

Concen: 0.683 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026407.D

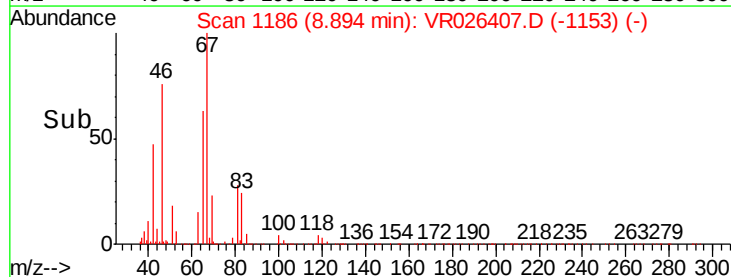
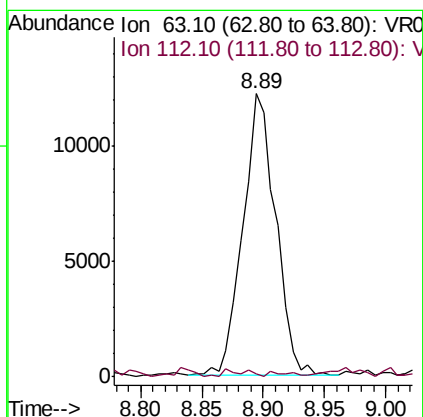
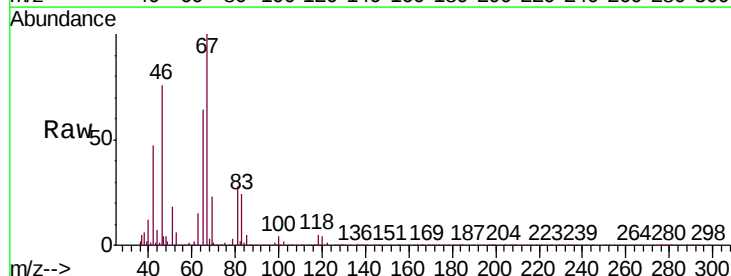
Acq: 27 Feb 2019 16:45

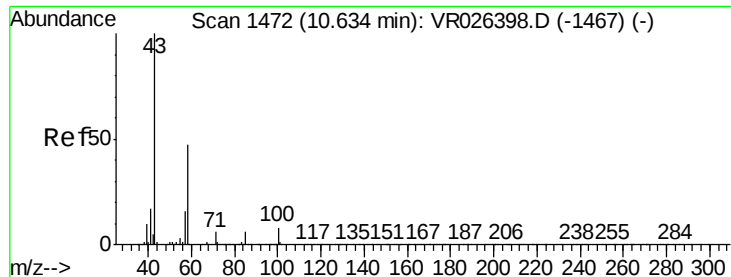
Tgt Ion: 63 Resp: 22644

Ion Ratio Lower Upper

63 100

112 1.2 3.6 5.4#





#48

2-Hexanone

Concen: 3.885 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026407.D

Acq: 27 Feb 2019 16:45

Instrument :

MSVOA_R

ClientSampleId :

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Tgt Ion: 43 Resp: 24321

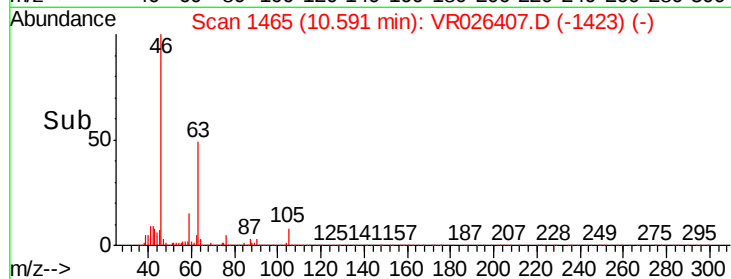
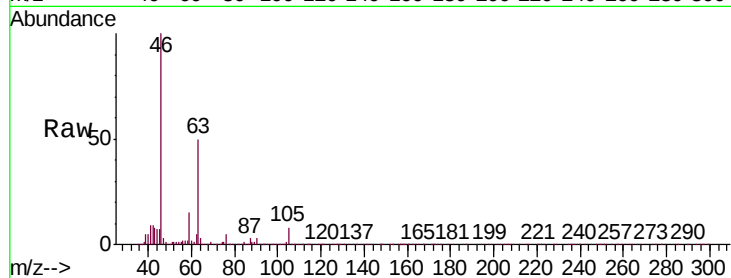
Ion Ratio Lower Upper

43 100

58 26.4 38.4 57.6#

57 31.7 13.2 19.8#

100 2.8 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

