

Data File : VR026347.D
Acq On : 20 Feb 2019 11:38
Operator : SY/MD
Sample : K1488-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESXD0

Quant Time: Feb 21 07:41:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 07:38:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	677625	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	564674	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	158367	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	247882	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	2.63	69	219741	4.70	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	67.14%
11) 1,1-Dichloroethene-d2	3.60	63	488696	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	6.59	46	184822	45.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.76%
24) Chloroform-d	7.20	84	447713	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	7.89	65	170156	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	7.85	84	863634	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	8.89	67	225341	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	9.97	98	793202	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	10.23	79	50867	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	10.59	63	152883	49.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78062	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	146767	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

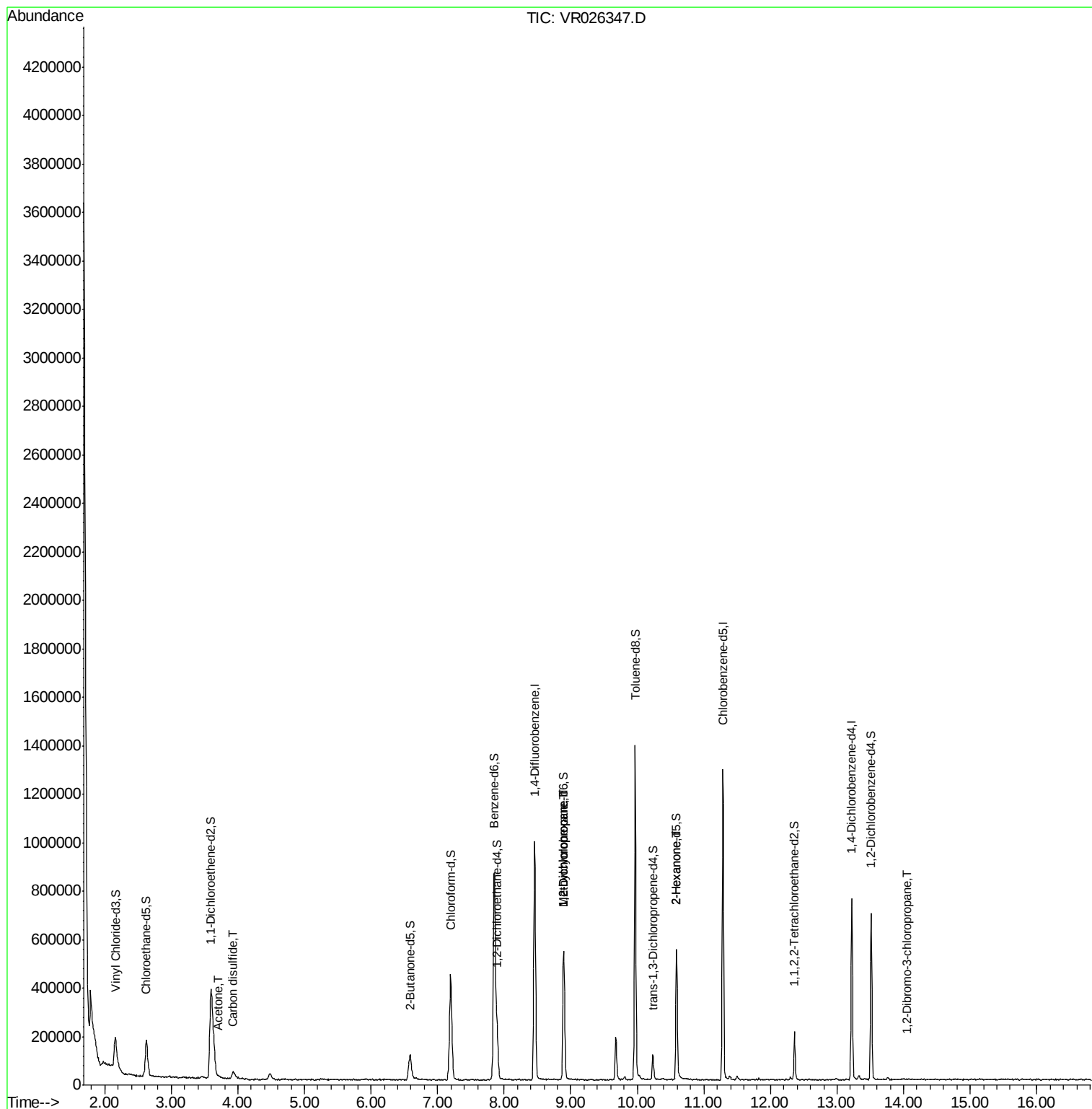
					Qvalue
13) Acetone	3.70	43	7461	1.741	ug/L 98
14) Carbon disulfide	3.92	76	25000	0.138	ug/L 99
35) Methylcyclohexane	8.89	83	55764	0.814	ug/L # 17
37) 1,2-Dichloropropane	8.89	63	28745	0.648	ug/L # 91
48) 2-Hexanone	10.59	43	24394	3.065	ug/L # 73
66) 1,2-Dibromo-3-chloropropan	14.04	75	507	0.324	ug/L 89

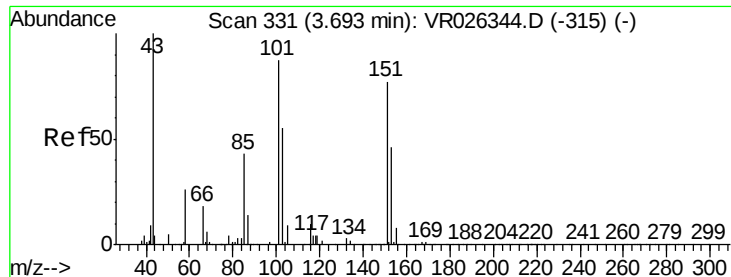
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.741 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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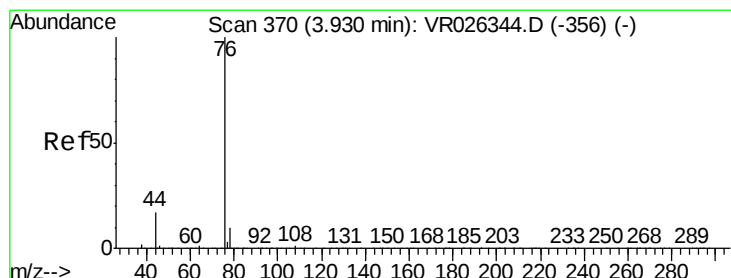
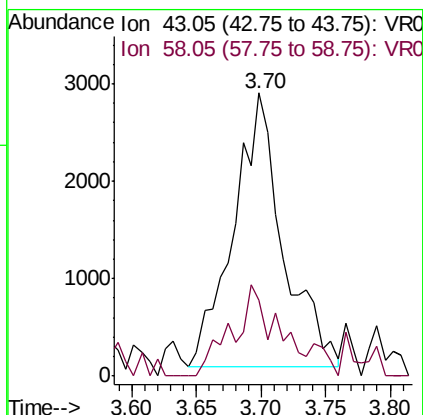
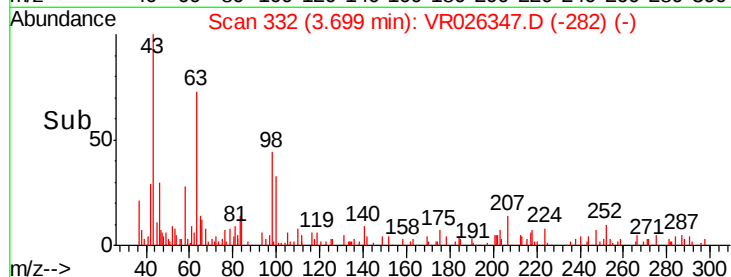
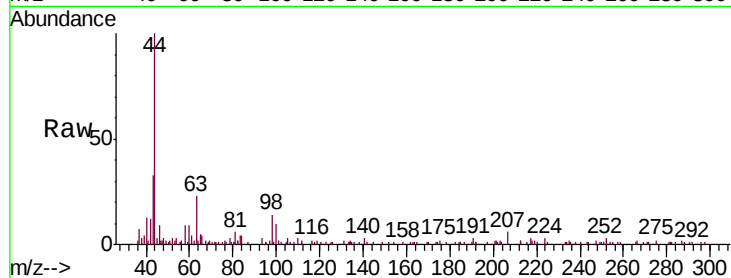
Instrument :
MSVOA_R
ClientSampleId :
ESXD0

Tgt Ion: 43 Resp: 7461

Ion Ratio Lower Upper

43 100

58 30.2 0.0 58.0



#14

Carbon disulfide

Concen: 0.138 ug/L

RT: 3.92 min Scan# 369

Delta R.T. -0.01 min

Lab File: VR026347.D

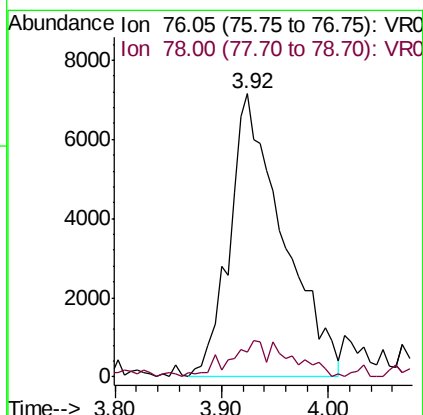
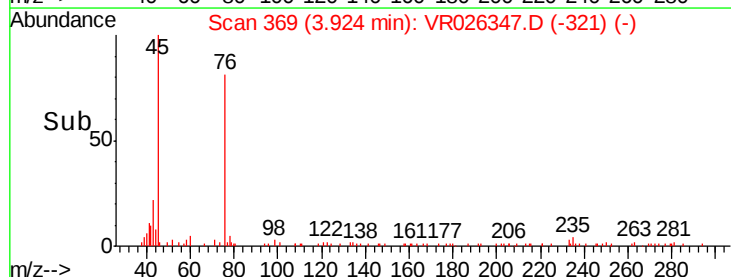
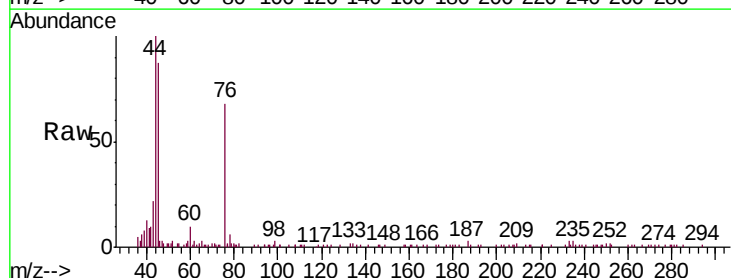
Acq: 20 Feb 2019 11:38

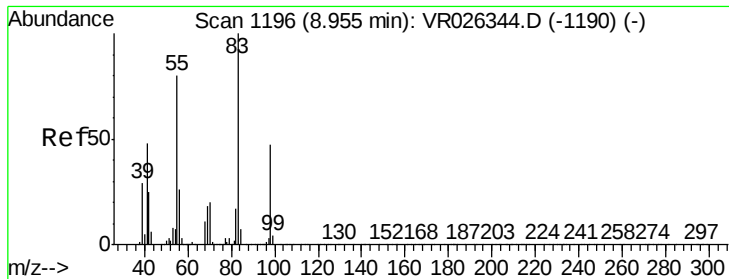
Tgt Ion: 76 Resp: 25000

Ion Ratio Lower Upper

76 100

78 8.7 6.7 10.1





#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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Instrument :

MSVOA_R

ClientSampleId :

ESXD0

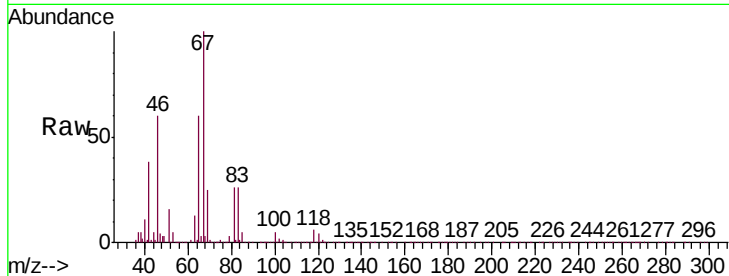
Tgt Ion: 83 Resp: 55764

Ion Ratio Lower Upper

83 100

55 0.9 67.3 100.9#

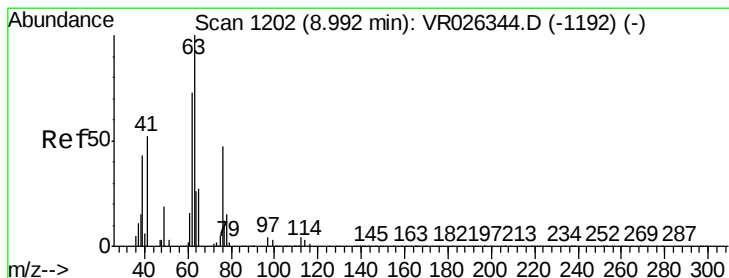
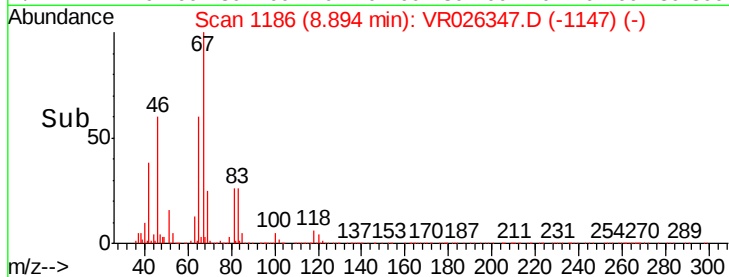
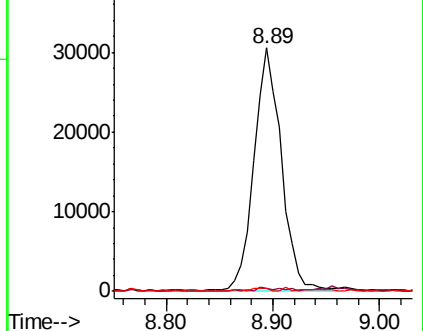
98 1.2 37.0 55.4#



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



#37

1,2-Dichloropropane

Concen: 0.648 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026347.D

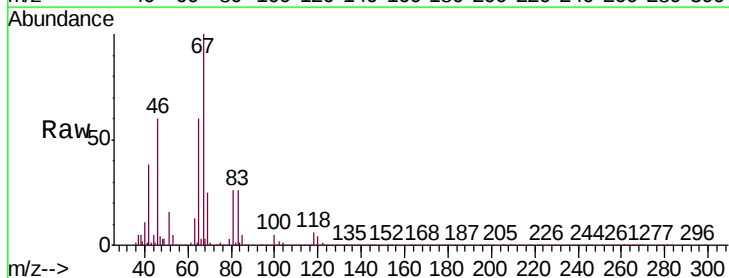
Acq: 20 Feb 2019 11:38

Tgt Ion: 63 Resp: 28745

Ion Ratio Lower Upper

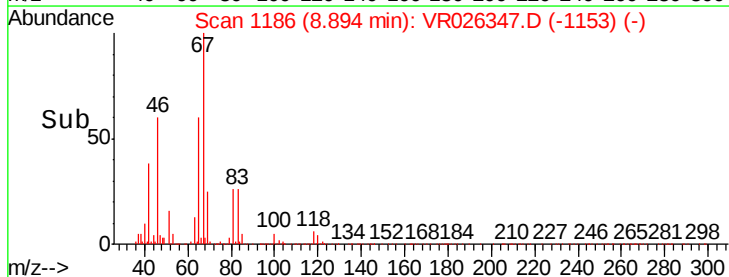
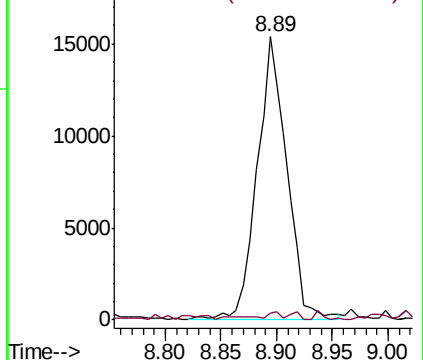
63 100

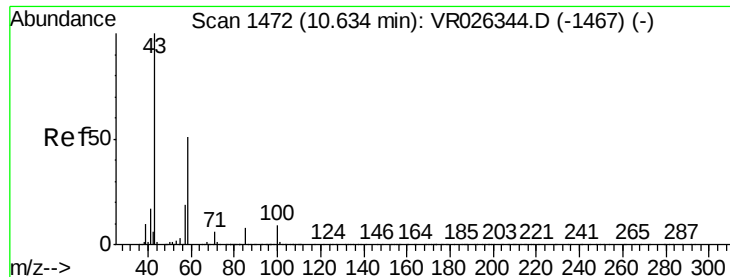
112 1.1 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

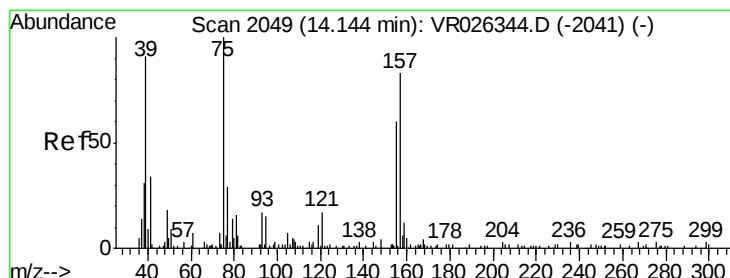
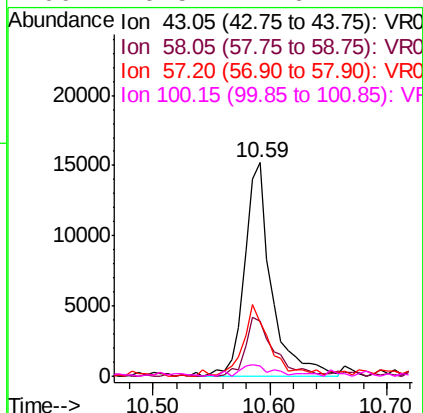
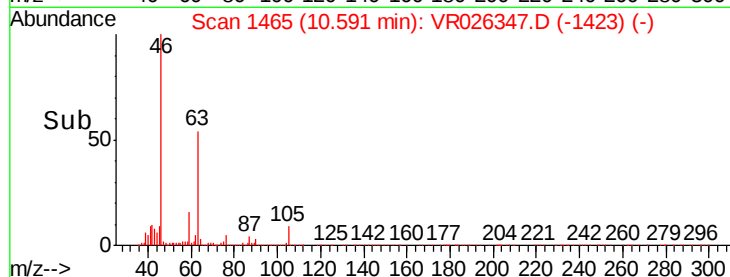
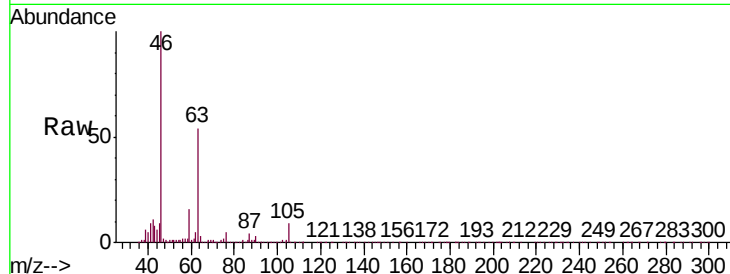




#48
2-Hexanone
Concen: 3.065 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026347.D
Acq: 20 Feb 2019 11:38

Instrument :
MSVOA_R
ClientSampleId :
ESXD0

Tgt Ion: 43 Resp: 24394
Ion Ratio Lower Upper
43 100
58 29.6 39.1 58.7#
57 33.1 14.2 21.2#
100 6.5 7.6 11.4#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.324 ug/L
RT: 14.04 min Scan# 2032
Delta R.T. -0.10 min
Lab File: VR026347.D
Acq: 20 Feb 2019 11:38

Tgt Ion: 75 Resp: 507
Ion Ratio Lower Upper
75 100
155 51.4 45.8 68.8
157 65.4 60.9 91.3

