

Data File : VR026029.D
Acq On : 10 Oct 2018 14:48
Operator : SY/MD
Sample : J5380-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
COT18

Quant Time: Oct 11 04:15:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	463792	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	382223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	120137	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	152314	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	2.63	69	143646	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	3.61	63	276102	3.21	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	6.59	46	190544	46.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.46%
24) Chloroform-d	7.20	84	264684	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	7.90	65	122412	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	7.85	84	484778	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
36) 1,2-Dichloropropane-d6	8.90	67	142040	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	9.97	98	438231	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	10.24	79	29301	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	135342	45.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	56850	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	86758	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

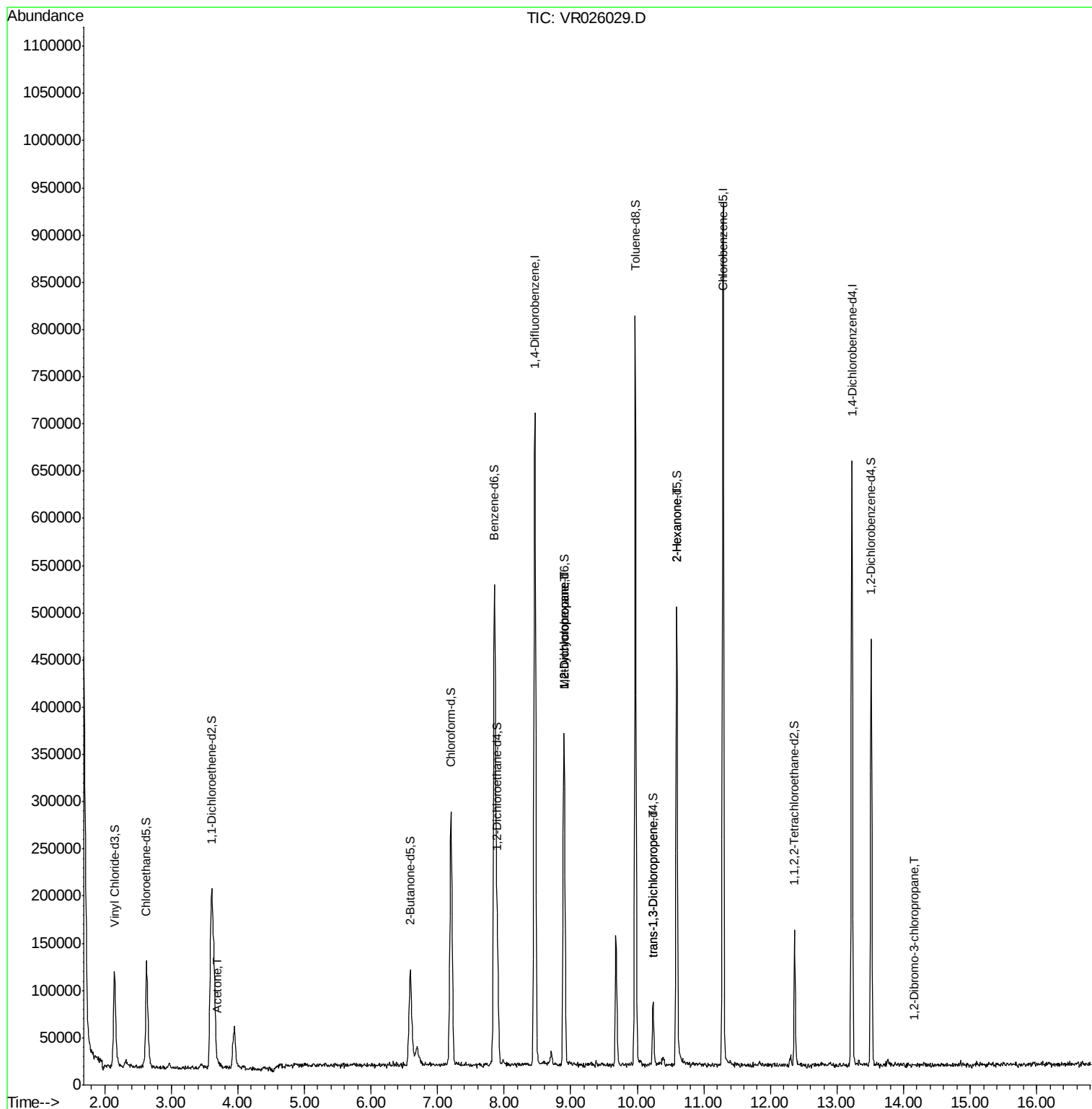
						Qvalue
13) Acetone	3.69	43	4670	1.580	ug/L	77
35) Methylcyclohexane	8.90	83	34042	0.670	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	18977	0.690	ug/L #	95
44) trans-1,3-Dichloropropene	10.24	75	2048	0.102	ug/L	96
48) 2-Hexanone	10.59	43	23249	3.672	ug/L #	70
66) 1,2-Dibromo-3-chloropropan	14.16	75	238	0.201	ug/L #	34

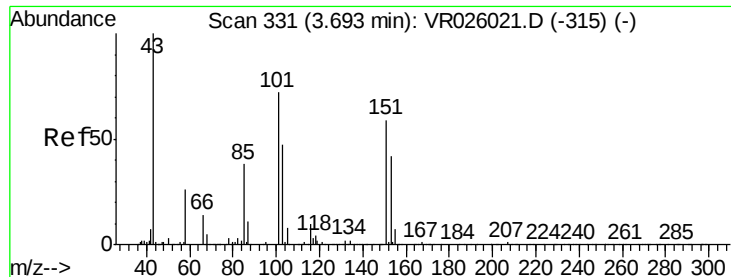
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
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#13

Acetone

Concen: 1.580 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.00 min

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Acq: 10 Oct 2018 14:48

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MSVOA_R

ClientSampleId :

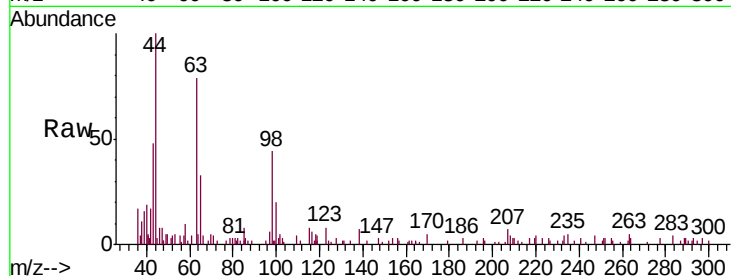
COT18

Tgt Ion: 43 Resp: 4670

Ion Ratio Lower Upper

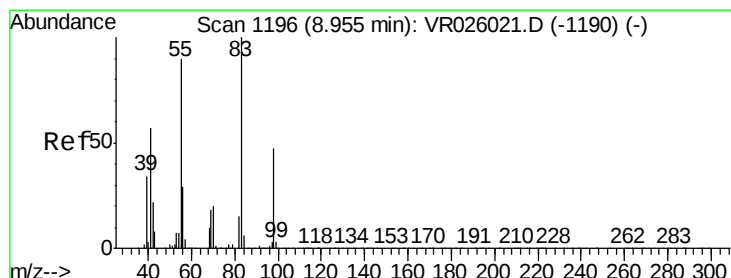
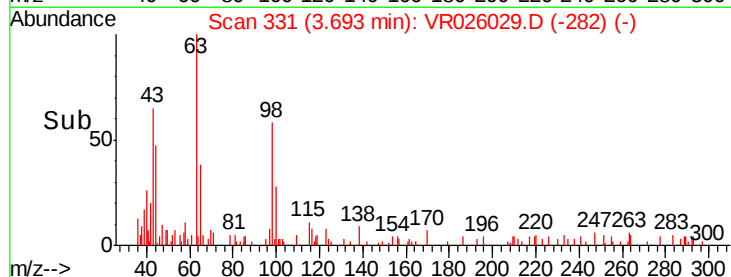
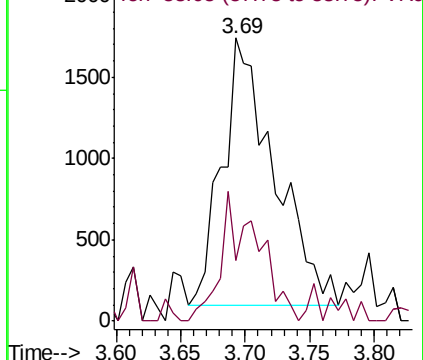
43 100

58 14.2 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#35

Methylcyclohexane

Concen: 0.670 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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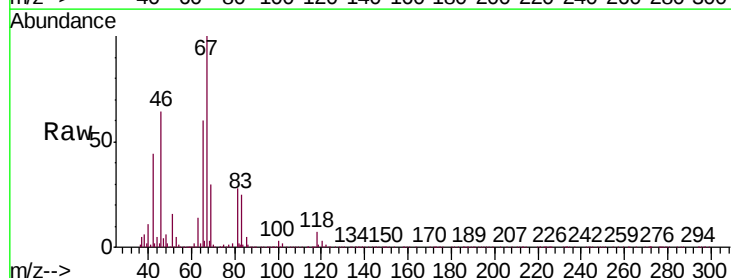
Tgt Ion: 83 Resp: 34042

Ion Ratio Lower Upper

83 100

55 1.6 71.8 107.6#

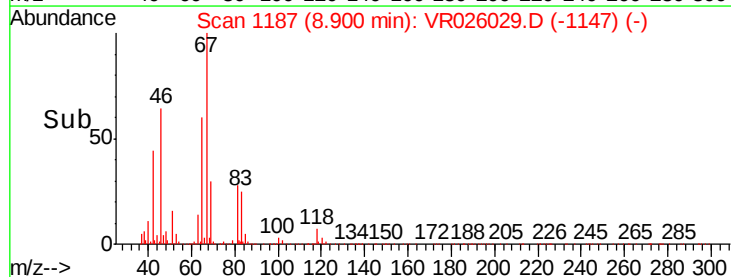
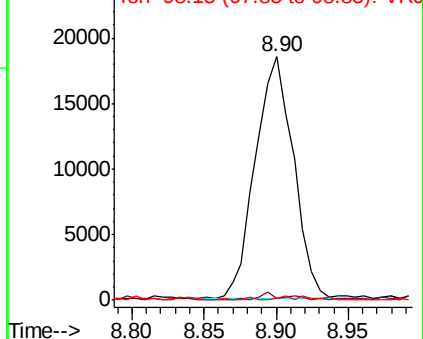
98 0.5 34.2 51.4#

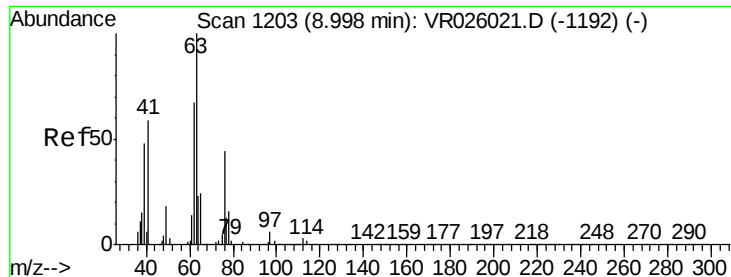


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.690 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

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Instrument :

MSVOA_R

ClientSampleId :

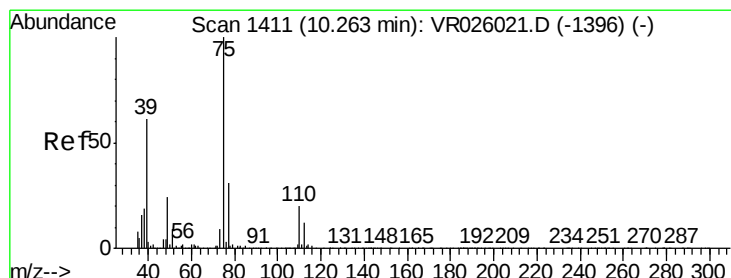
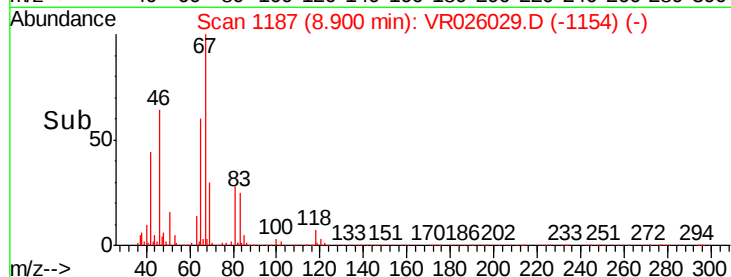
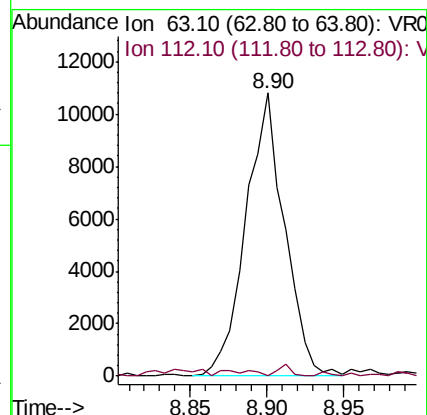
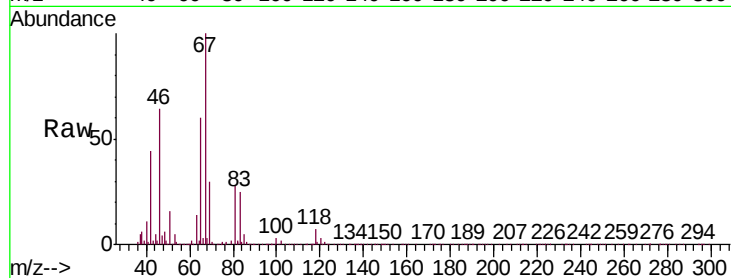
C0T18

Tgt Ion: 63 Resp: 18977

Ion Ratio Lower Upper

63 100

112 1.5 2.5 3.7#



#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

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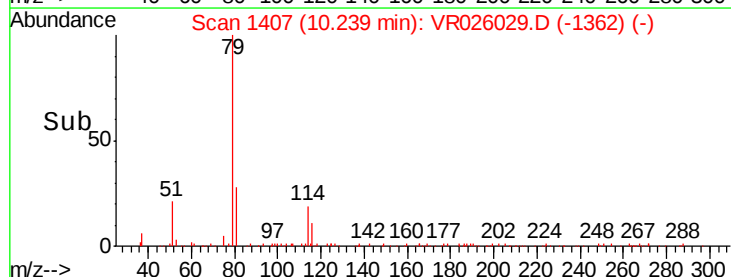
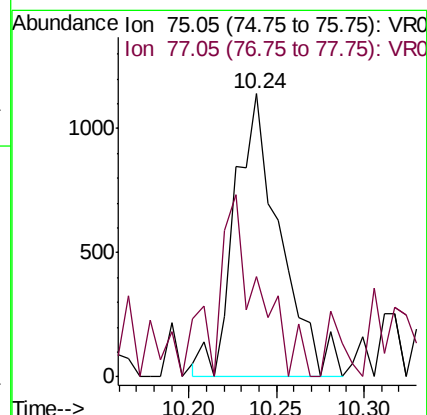
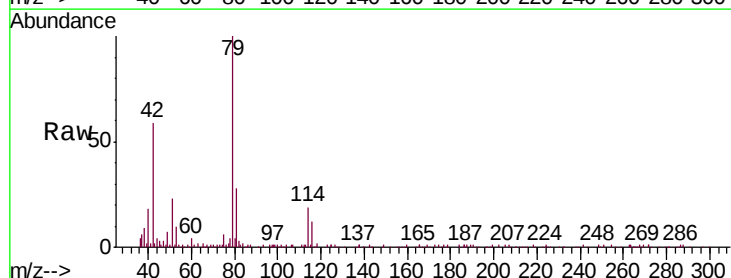
Acq: 10 Oct 2018 14:48

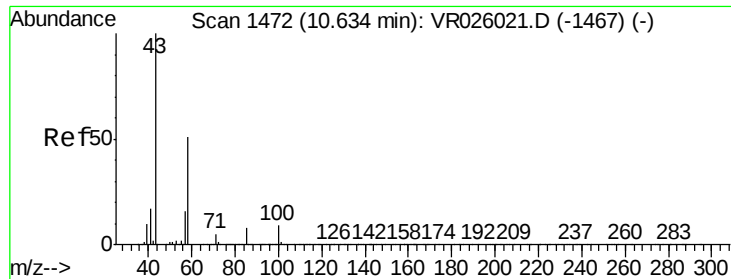
Tgt Ion: 75 Resp: 2048

Ion Ratio Lower Upper

75 100

77 35.3 23.0 42.8

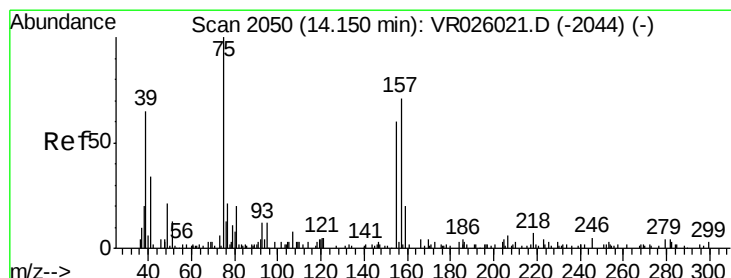
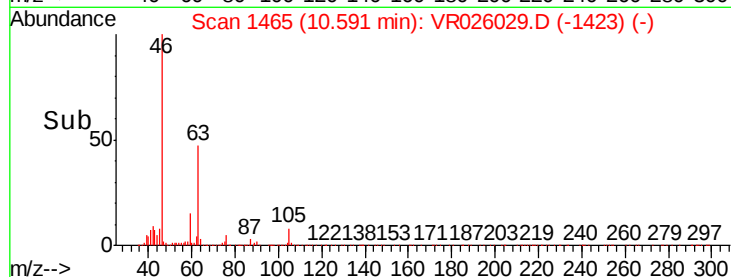
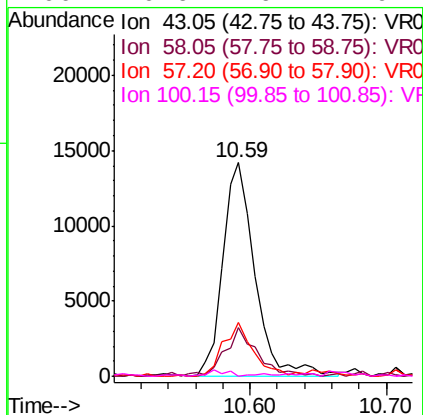
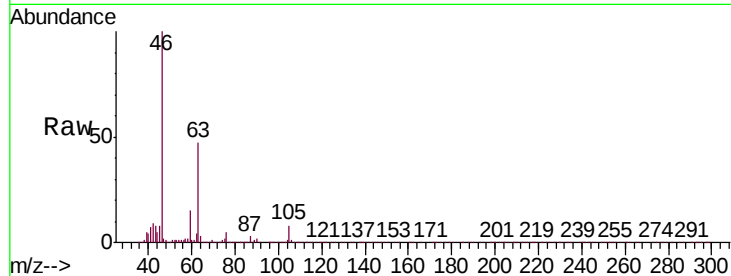




#48
2-Hexanone
Concen: 3.672 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026029.D
Acq: 10 Oct 2018 14:48

Instrument :
MSVOA_R
ClientSampleId :
C0T18

Tgt Ion:	43	Resp:	23249
Ion	Ratio	Lower	Upper
43	100		
58	23.2	39.5	59.3#
57	23.3	14.6	21.8#
100	0.6	6.7	10.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.201 ug/L
RT: 14.16 min Scan# 2051
Delta R.T. 0.01 min
Lab File: VR026029.D
Acq: 10 Oct 2018 14:48

Tgt Ion:	75	Resp:	238
Ion	Ratio	Lower	Upper
75	100		
155	38.8	37.8	56.6
157	144.0	49.7	74.5#

