

Data File : VR026027.D
Acq On : 10 Oct 2018 13:42
Operator : SY/MD
Sample : J5380-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0T21

Quant Time: Oct 11 04:14:57 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	456292	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	384026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	124555	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	156246	4.34	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	2.62	69	148537	5.05	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	3.60	63	282310	3.34	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.58	46	192382	47.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.92%
24) Chloroform-d	7.20	84	260714	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	7.90	65	122646	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	7.85	84	483933	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
36) 1,2-Dichloropropane-d6	8.90	67	142741	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	9.97	98	436712	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloropropene-	10.23	79	31730	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	10.59	63	146577	49.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63096	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	90254	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

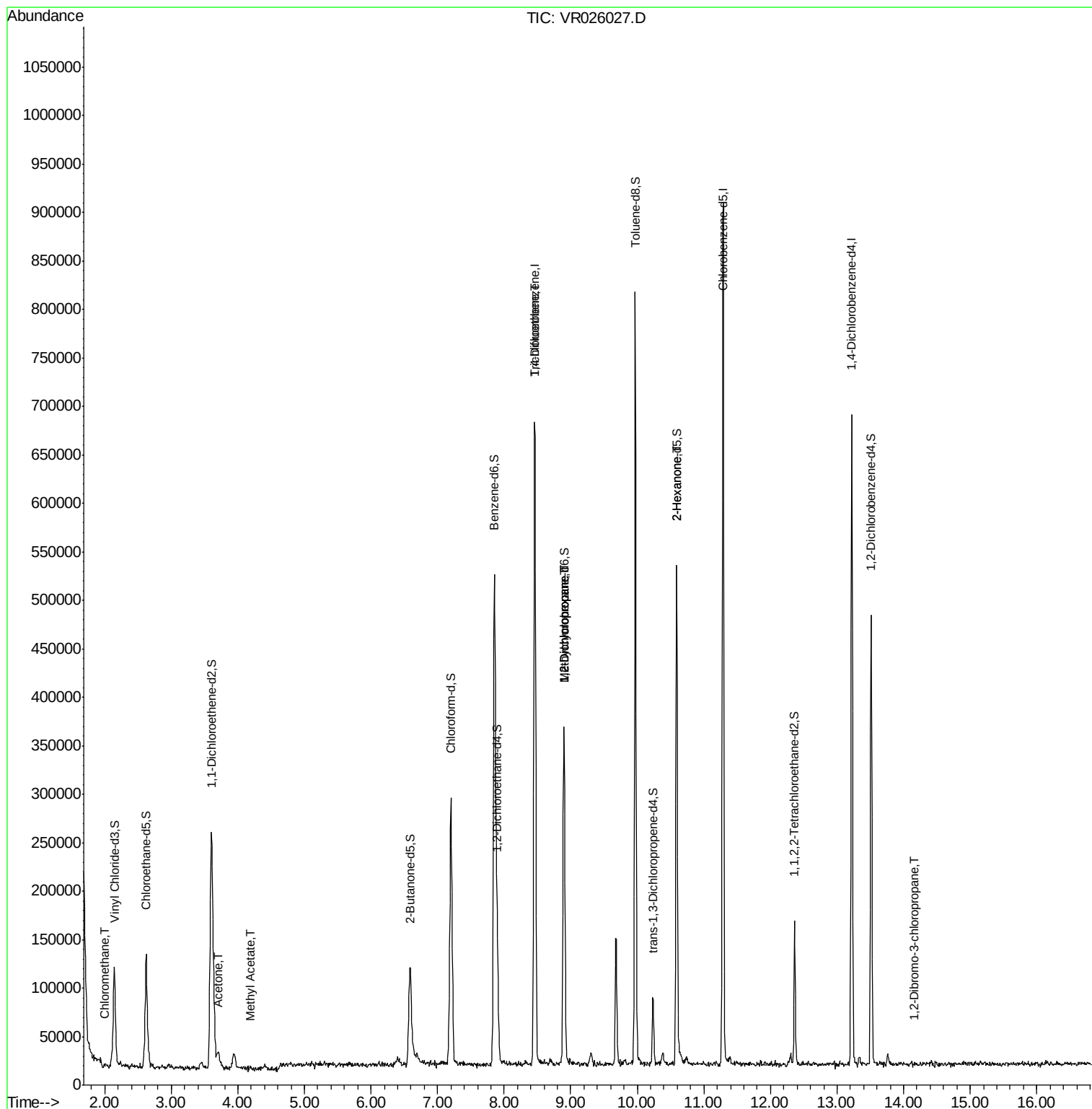
					Qvalue
3) Chloromethane	2.00	50	4588	0.116 ug/L	94
13) Acetone	3.70	43	22897	7.875 ug/L	95
15) Methyl Acetate	4.19	43	1252	0.155 ug/L	92
34) Trichloroethene	8.46	95	15973	0.471 ug/L #	15
35) Methylcyclohexane	8.90	83	33976	0.666 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	18665	0.675 ug/L #	94
48) 2-Hexanone	10.59	43	23804	3.742 ug/L #	69
66) 1,2-Dibromo-3-chloropropan	14.15	75	191	0.155 ug/L #	24

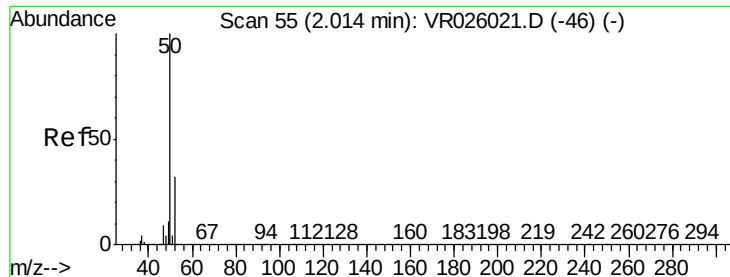
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.116 ug/L

RT: 2.00 min Scan# 53

Delta R.T. -0.01 min

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Acq: 10 Oct 2018 13:42

Instrument :

MSVOA_R

ClientSampleId :

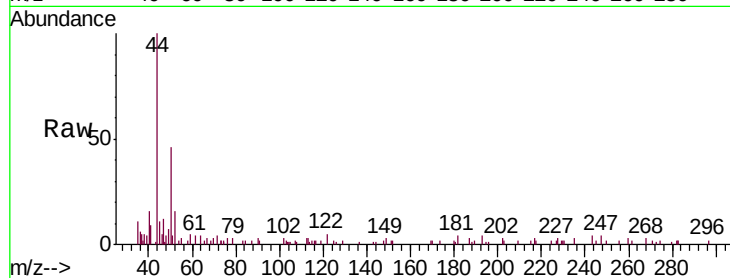
C0T21

Tgt Ion: 50 Resp: 4588

Ion Ratio Lower Upper

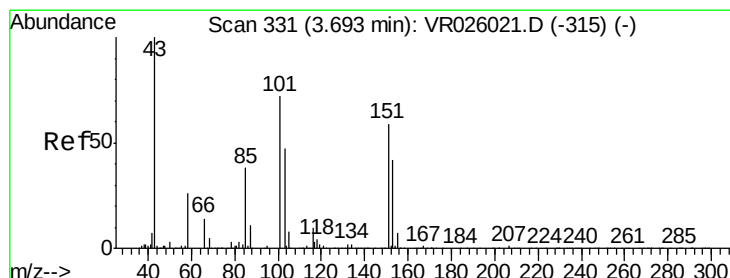
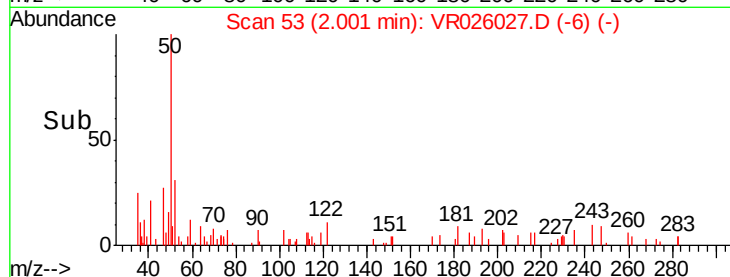
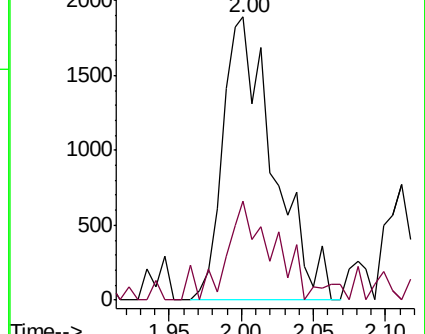
50 100

52 35.0 22.1 41.1



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0



#13

Acetone

Concen: 7.875 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

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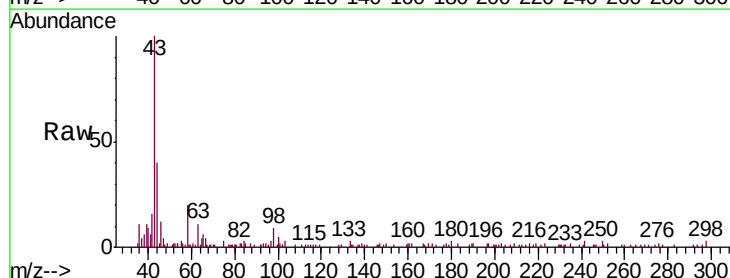
Acq: 10 Oct 2018 13:42

Tgt Ion: 43 Resp: 22897

Ion Ratio Lower Upper

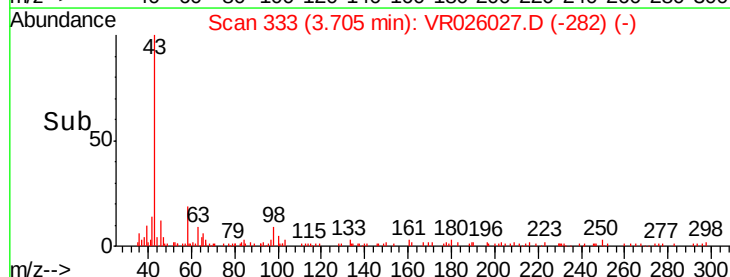
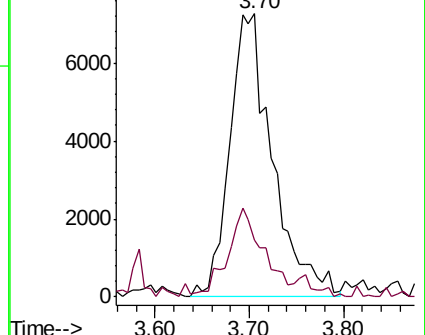
43 100

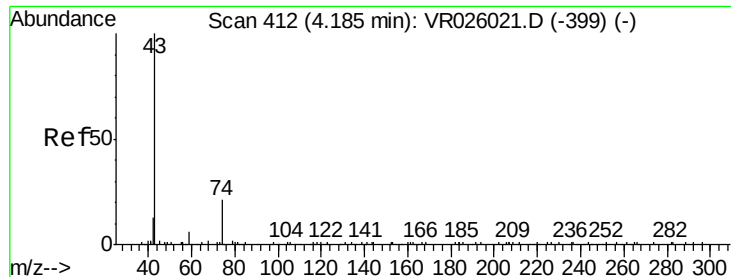
58 23.2 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

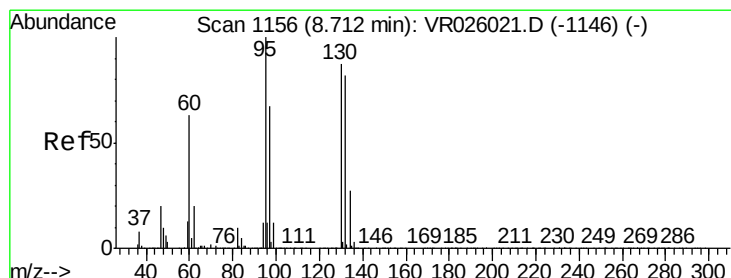
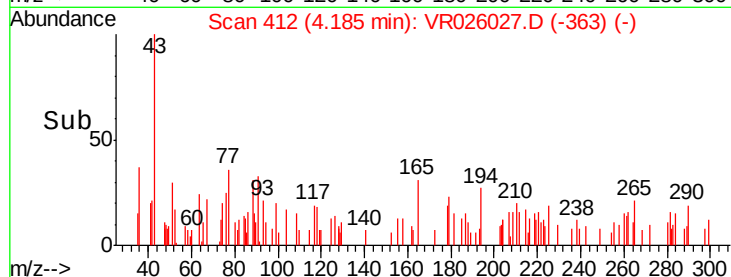
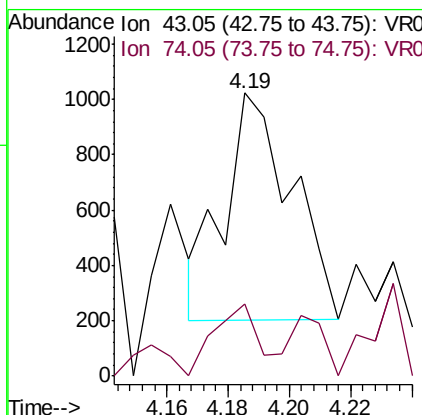
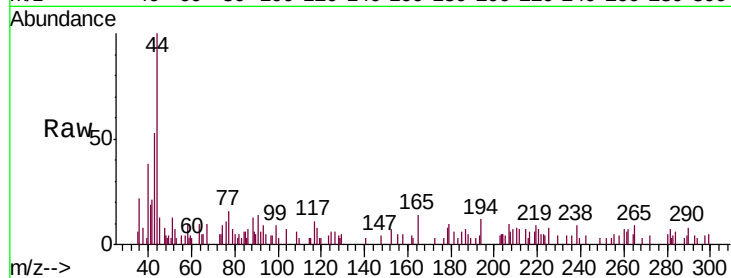




#15
Methyl Acetate
Concen: 0.155 ug/L
RT: 4.19 min Scan# 412
Delta R.T. 0.00 min
Lab File: VR026027.D
Acq: 10 Oct 2018 13:42

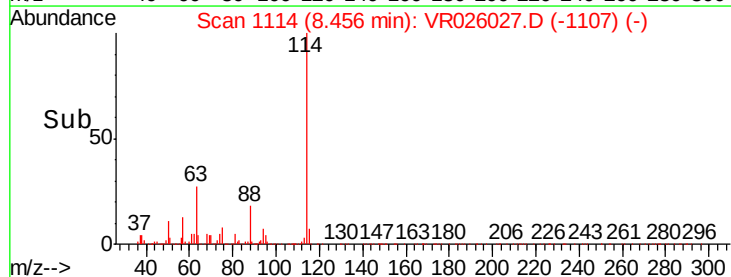
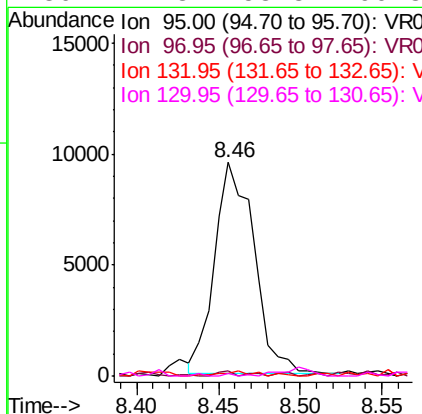
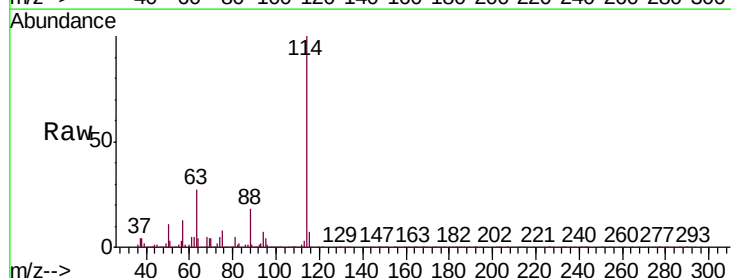
Instrument :
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ClientSampleId :
C0T21

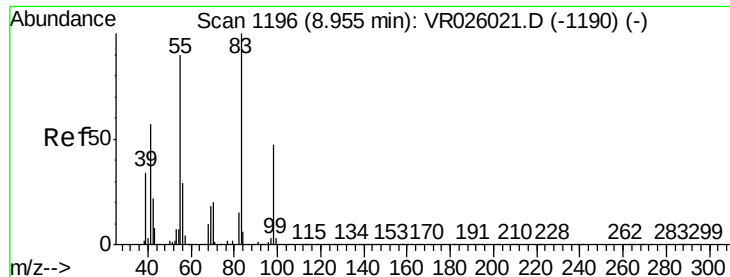
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
74 20.0 19.0 28.4



#34
Trichloroethene
Concen: 0.471 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
Lab File: VR026027.D
Acq: 10 Oct 2018 13:42

Tgt Ion: 95 Resp: 15973
Ion Ratio Lower Upper
95 100
97 2.2 43.9 81.5#
132 1.0 53.3 98.9#
130 1.3 53.8 99.8#





#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026027.D

Acq: 10 Oct 2018 13:42

Instrument :

MSVOA_R

ClientSampleId :

C0T21

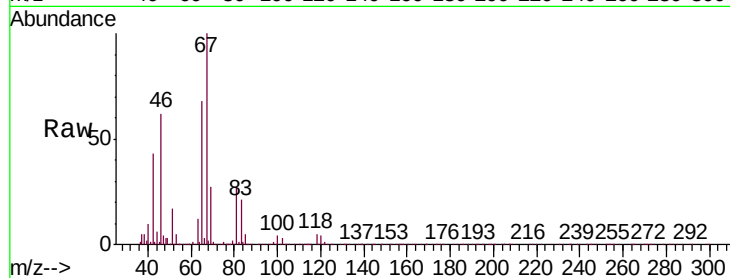
Tgt Ion: 83 Resp: 33976

Ion Ratio Lower Upper

83 100

55 1.0 71.8 107.6#

98 2.1 34.2 51.4#

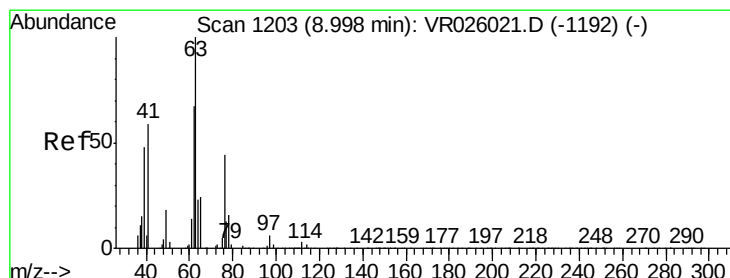
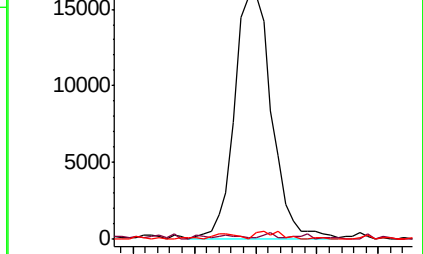
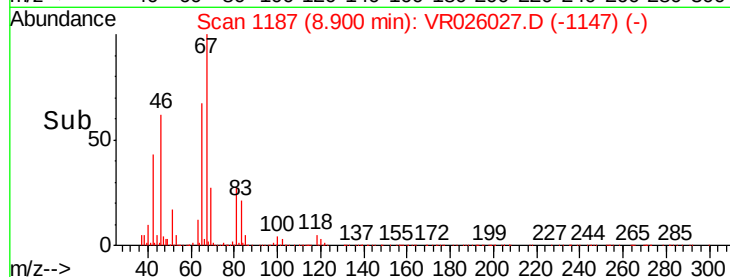


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

Time-->



#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR026027.D

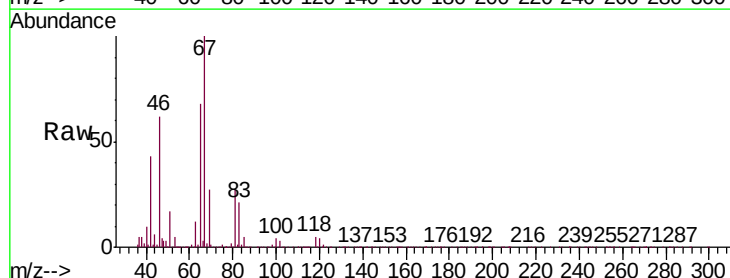
Acq: 10 Oct 2018 13:42

Tgt Ion: 63 Resp: 18665

Ion Ratio Lower Upper

63 100

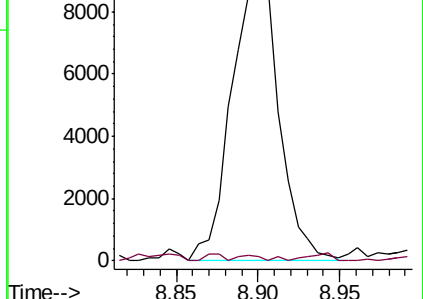
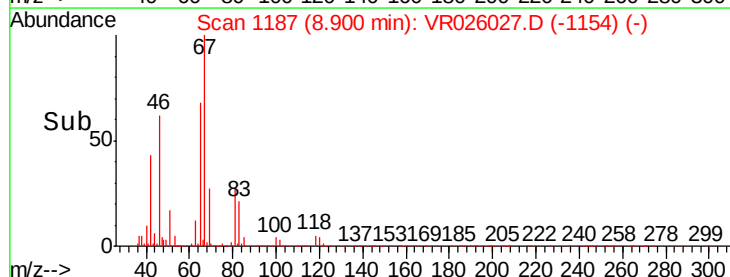
112 1.0 2.5 3.7#

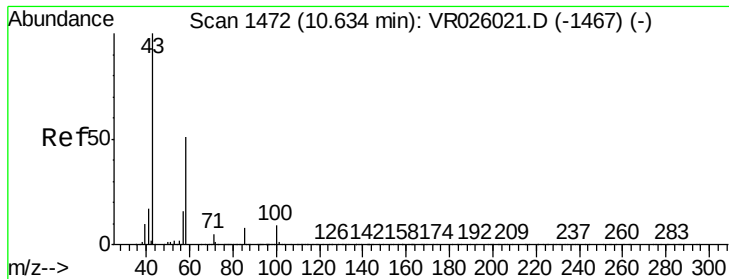


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

Time-->

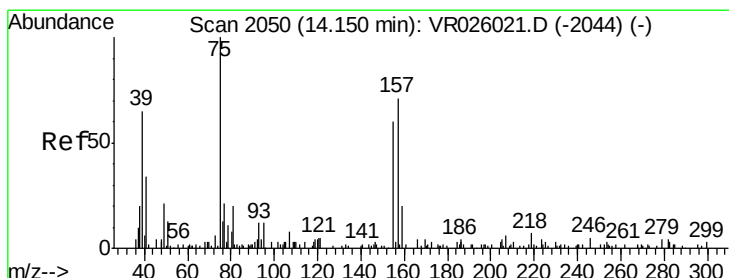
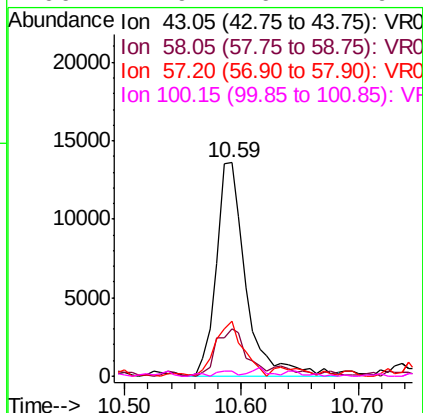
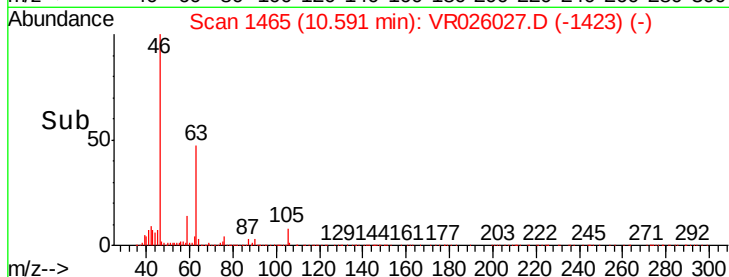
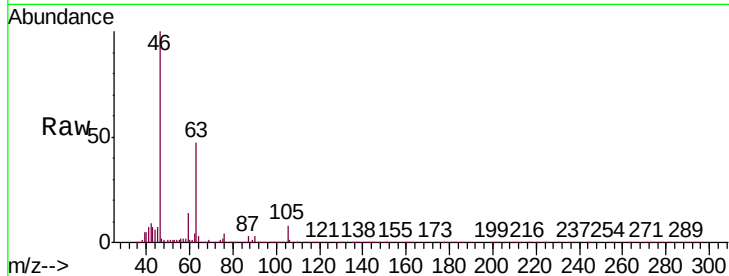




#48
2-Hexanone
Concen: 3.742 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026027.D
Acq: 10 Oct 2018 13:42

Instrument :
MSVOA_R
ClientSampled :
C0T21

Tgt Ion:	43	Resp:	23804
Ion	Ratio	Lower	Upper
43	100		
58	22.4	39.5	59.3#
57	24.2	14.6	21.8#
100	1.9	6.7	10.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.155 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. 0.00 min
Lab File: VR026027.D
Acq: 10 Oct 2018 13:42

Tgt Ion:	75	Resp:	191
Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.8	56.6#
157	0.0	49.7	74.5#

