

Data File : VR026356.D
Acq On : 21 Feb 2019 12:12
Operator : SY/MD
Sample : K1531-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0TS0

Quant Time: Feb 22 06:20:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 06:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	706270	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	567572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	176385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	172118	3.08	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.60%
7) Chloroethane-d5	2.62	69	163021	3.35	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	47.86%#
11) 1,1-Dichloroethene-d2	3.61	63	333182	2.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.40%#
20) 2-Butanone-d5	6.58	46	153895	36.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.50%
24) Chloroform-d	7.20	84	327087	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.20%#
26) 1,2-Dichloroethane-d4	7.89	65	123523	3.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.20%#
32) Benzene-d6	7.85	84	617453	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.00%#
36) 1,2-Dichloropropane-d6	8.89	67	161865	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.80%
41) Toluene-d8	9.97	98	535482	3.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.00%#
43) trans-1,3-Dichloropropene-	10.24	79	35655	2.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.60%
46) 2-Hexanone-d5	10.59	63	112309	36.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.36%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58708	3.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.20%#
64) 1,2-Dichlorobenzene-d4	13.51	152	109789	4.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.00%

Target Compounds

						Qvalue
13) Acetone	3.69	43	45195	10.120	ug/L	95
15) Methyl Acetate	4.19	43	1278	0.103	ug/L	98
21) 2-Butanone	6.69	43	8357	1.580	ug/L	85
34) Trichloroethene	8.46	95	23117	0.445	ug/L #	9
35) Methylcyclohexane	8.89	83	40130	0.583	ug/L #	18
37) 1,2-Dichloropropane	8.89	63	21010	0.471	ug/L #	89
48) 2-Hexanone	10.59	43	17976	2.247	ug/L #	69

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

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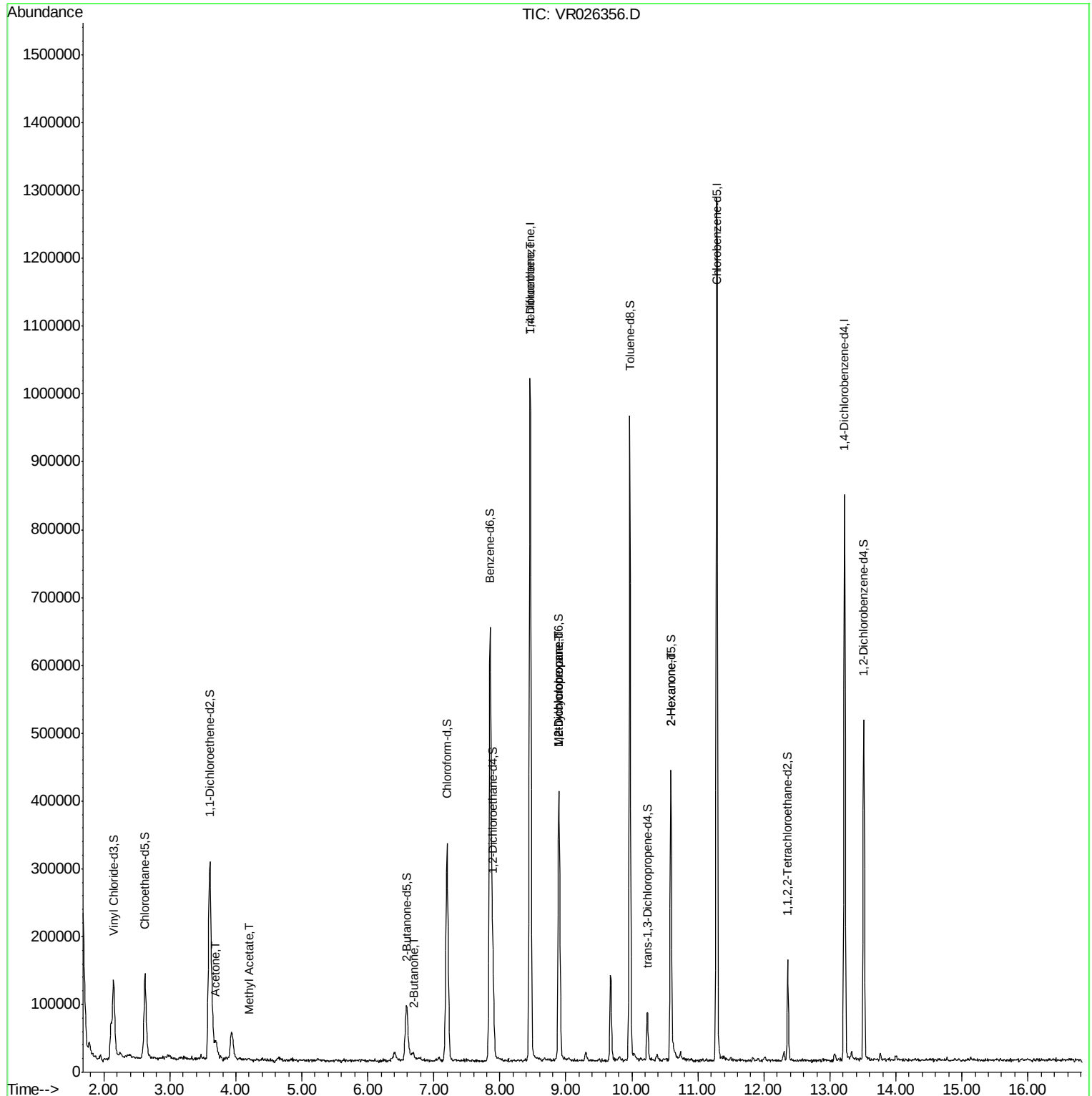
Quant Time: Feb 22 06:20:46 2019

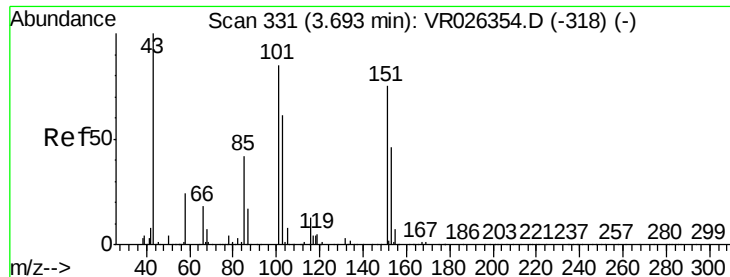
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Feb 22 06:18:00 2019

Response via : Initial Calibration





#13

Acetone

Concen: 10.120 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.00 min

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Acq: 21 Feb 2019 12:12

Instrument :

MSVOA_R

ClientSampleId :

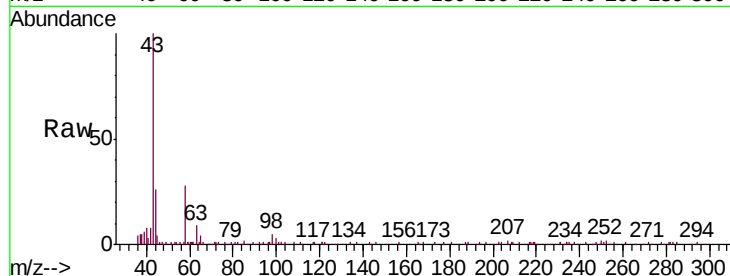
C0TS0

Tgt Ion: 43 Resp: 45195

Ion Ratio Lower Upper

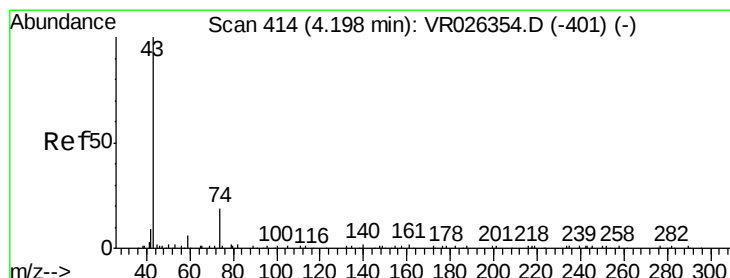
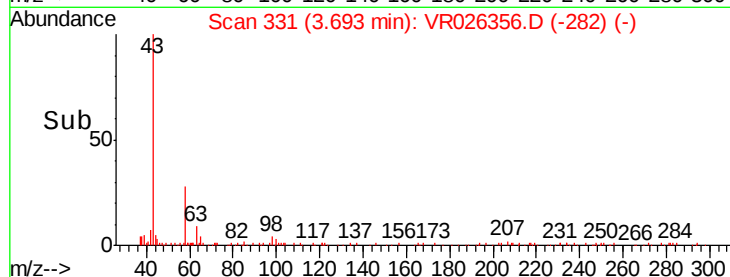
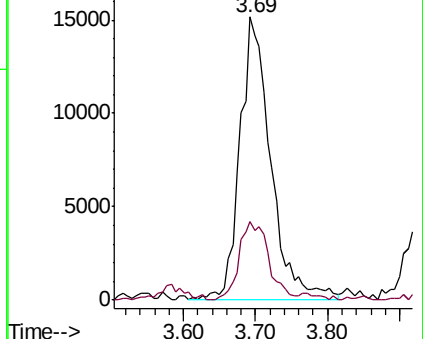
43 100

58 26.2 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.103 ug/L

RT: 4.19 min Scan# 413

Delta R.T. -0.01 min

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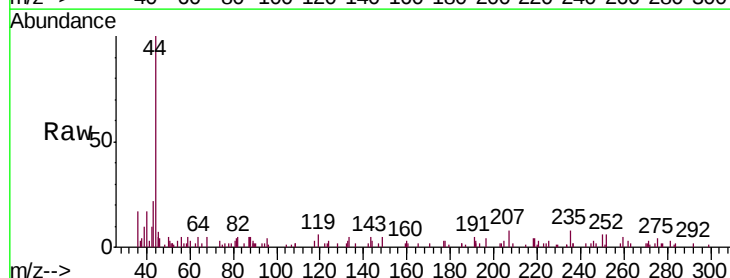
Acq: 21 Feb 2019 12:12

Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

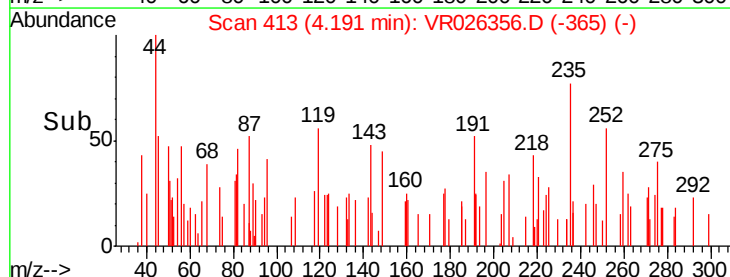
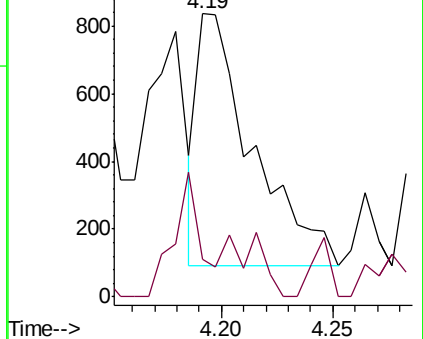
43 100

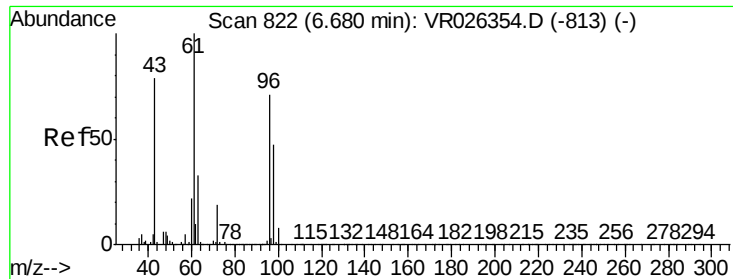
74 24.3 18.6 28.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

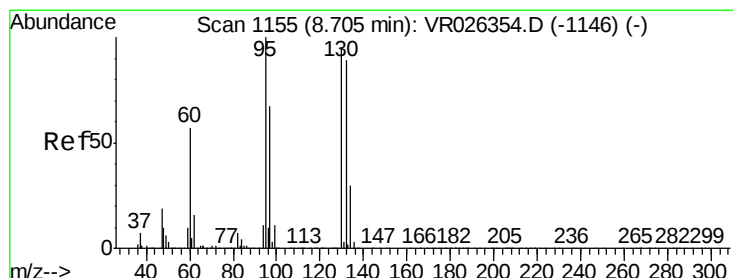
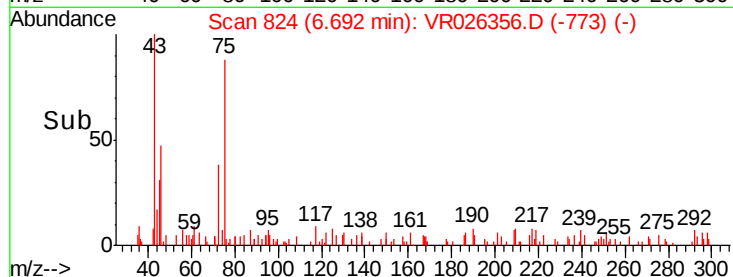
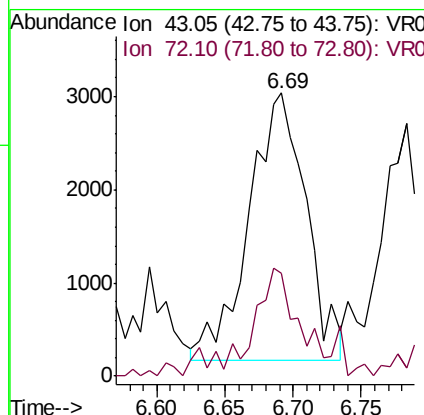
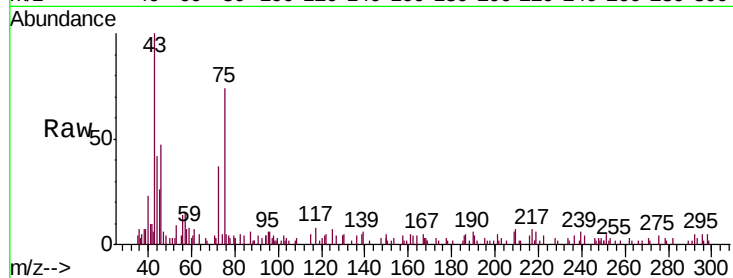




#21
2-Butanone
Concen: 1.580 ug/L
RT: 6.69 min Scan# 824
Delta R.T. 0.01 min
Lab File: VR026356.D
Acq: 21 Feb 2019 12:12

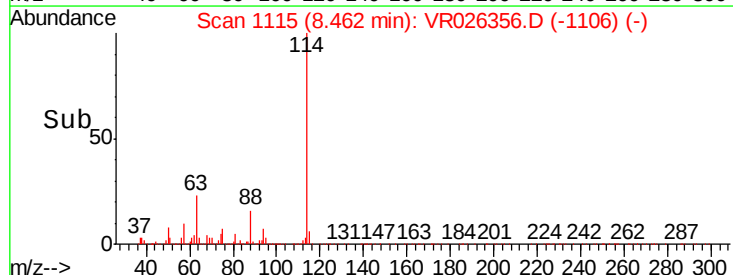
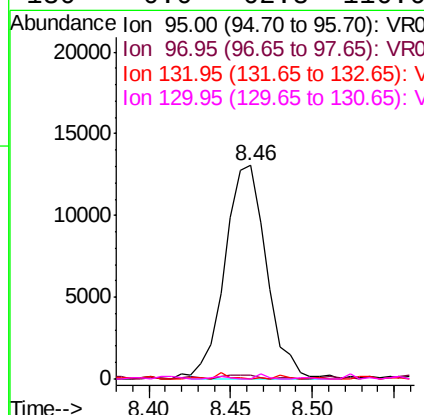
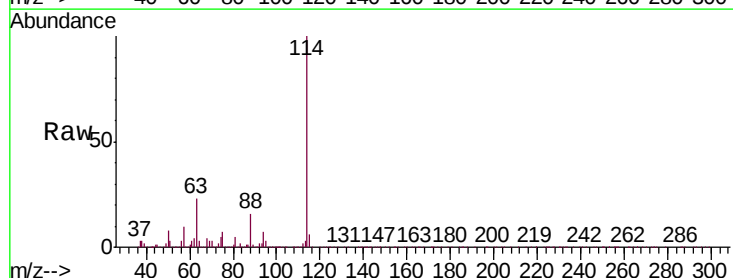
Instrument :
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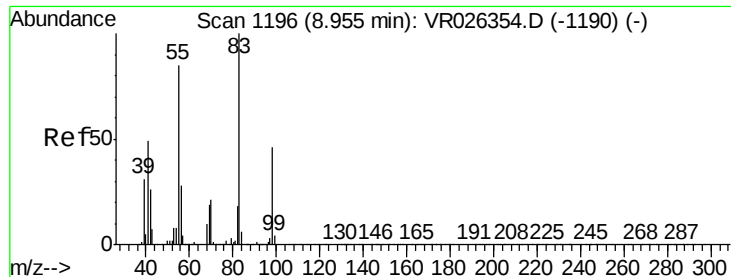
Tgt Ion: 43 Resp: 8357
Ion Ratio Lower Upper
43 100
72 31.4 12.0 36.1



#34
Trichloroethene
Concen: 0.445 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.24 min
Lab File: VR026356.D
Acq: 21 Feb 2019 12:12

Tgt Ion: 95 Resp: 23117
Ion Ratio Lower Upper
95 100
97 2.1 45.1 83.9#
132 0.0 60.7 112.7#
130 0.0 62.8 116.6#





#35

Methylcyclohexane

Concen: 0.583 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026356.D

Acq: 21 Feb 2019 12:12

Instrument :

MSVOA_R

ClientSampleId :

C0TS0

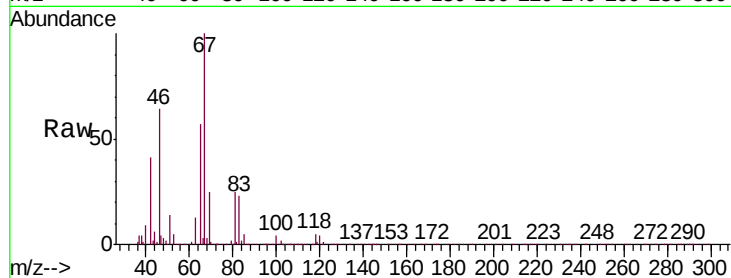
Tgt Ion: 83 Resp: 40130

Ion Ratio Lower Upper

83 100

55 1.5 67.3 100.9#

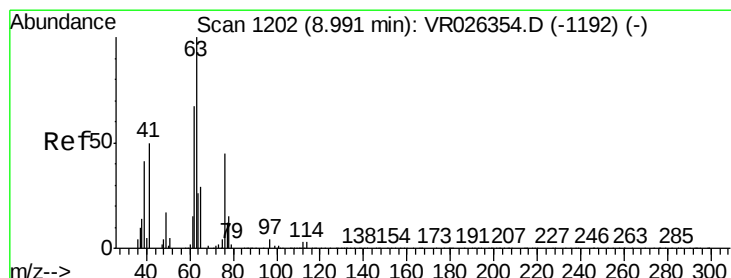
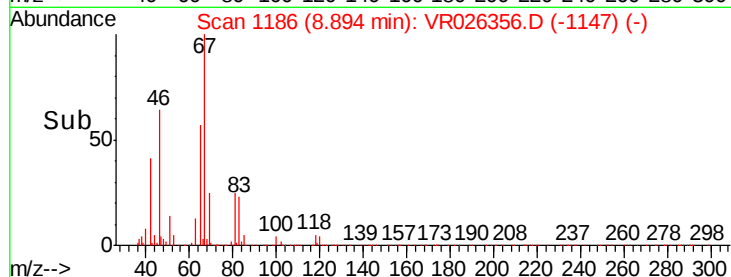
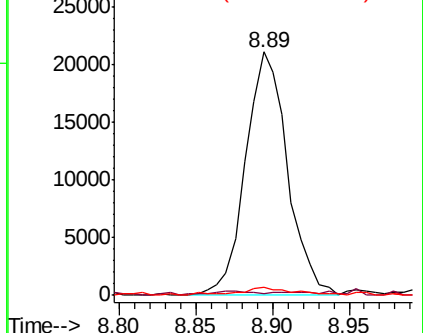
98 3.0 37.0 55.4#



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: 0.471 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026356.D

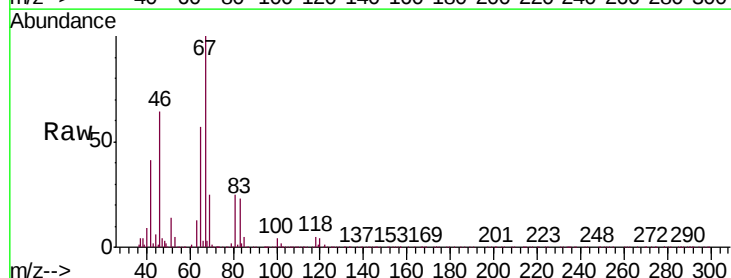
Acq: 21 Feb 2019 12:12

Tgt Ion: 63 Resp: 21010

Ion Ratio Lower Upper

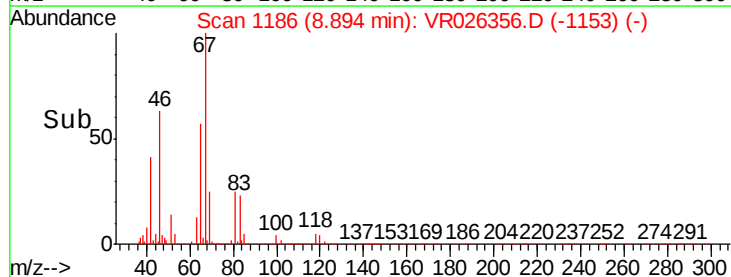
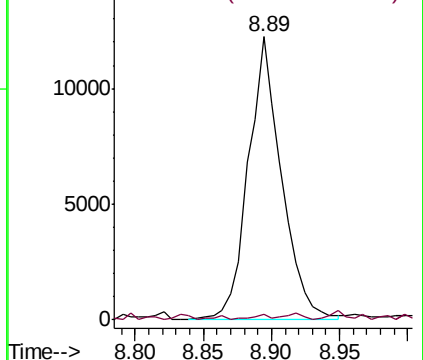
63 100

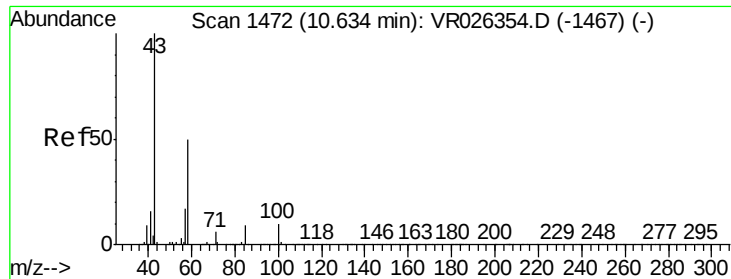
112 0.5 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 2.247 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026356.D

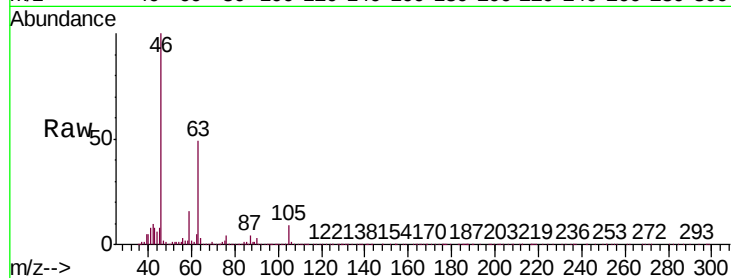
Acq: 21 Feb 2019 12:12

Instrument :

MSVOA_R

ClientSampleId :

C0TS0



Tgt Ion:	43	Resp:	17976
Ion	Ratio	Lower	Upper
43	100		
58	25.5	39.1	58.7#
57	32.8	14.2	21.2#
100	7.3	7.6	11.4#

