

Data File : VR026357.D
Acq On : 21 Feb 2019 12:45
Operator : SY/MD
Sample : K1531-01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0TR6

Quant Time: Feb 22 06:20:55 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	517933	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	435027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	118731	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	179946	4.39	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	2.62	69	174668	4.89	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	69.86%
11) 1,1-Dichloroethene-d2	3.60	63	355272	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	6.59	46	163303	52.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.92%
24) Chloroform-d	7.20	84	351631	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.90	65	137238	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	7.85	84	665721	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	8.90	67	176093	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	9.97	98	592939	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	10.23	79	39707	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	10.59	63	128647	54.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68480	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	117042	6.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.60%#

Target Compounds

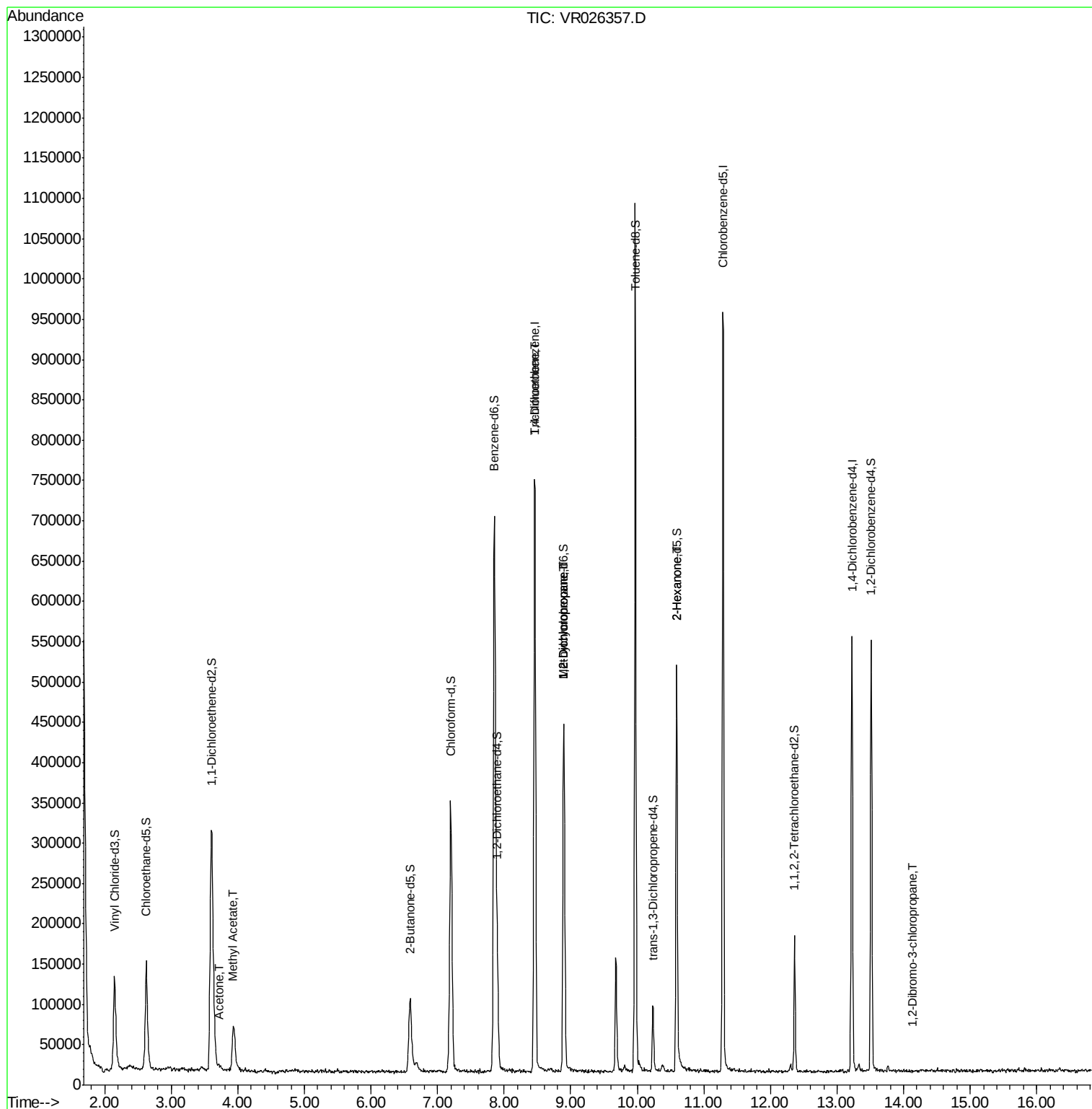
					Qvalue
13) Acetone	3.71	43	4117	1.257 ug/L	76
15) Methyl Acetate	3.93	43	30008	3.312 ug/L #	53
34) Trichloroethene	8.46	95	16924	0.425 ug/L #	10
35) Methylcyclohexane	8.90	83	44574	0.845 ug/L #	17
37) 1,2-Dichloropropane	8.89	63	22280	0.652 ug/L #	92
48) 2-Hexanone	10.59	43	21765	3.549 ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.14	75	212	0.180 ug/L #	87

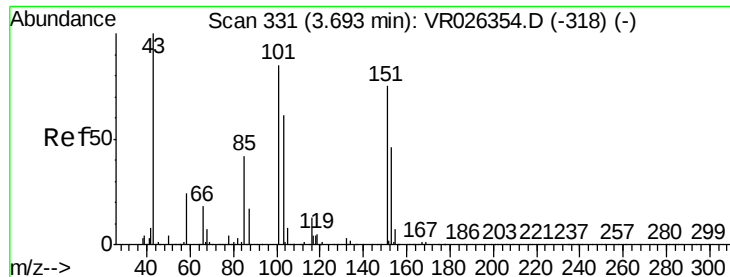
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.257 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.02 min

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Acq: 21 Feb 2019 12:45

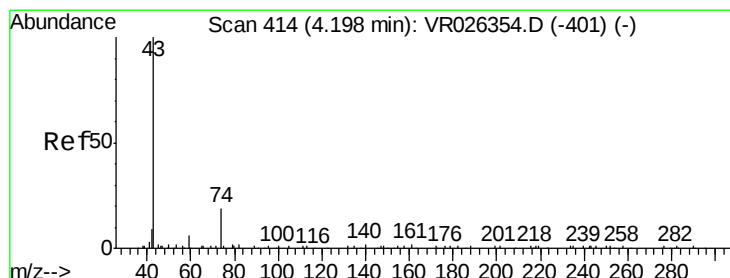
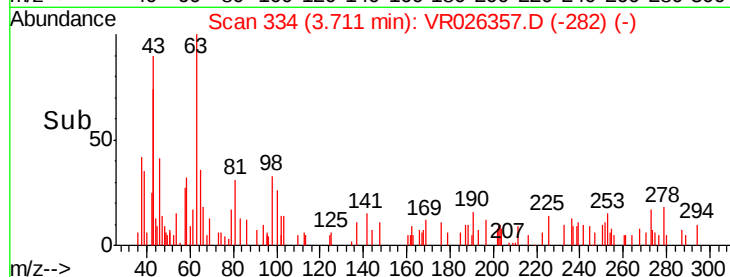
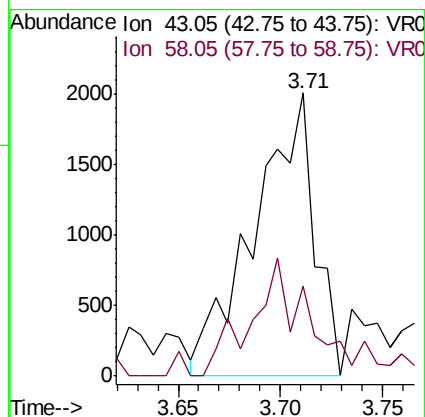
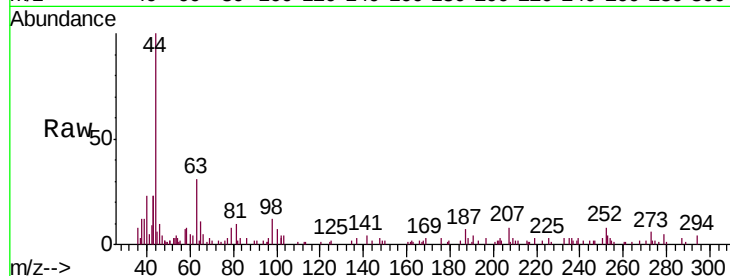
Instrument :
MSVOA_R
ClientSampleId :
C0TR6

Tgt Ion: 43 Resp: 4117

Ion Ratio Lower Upper

43 100

58 42.0 0.0 58.0



#15

Methyl Acetate

Concen: 3.312 ug/L

RT: 3.93 min Scan# 370

Delta R.T. -0.27 min

Lab File: VR026357.D

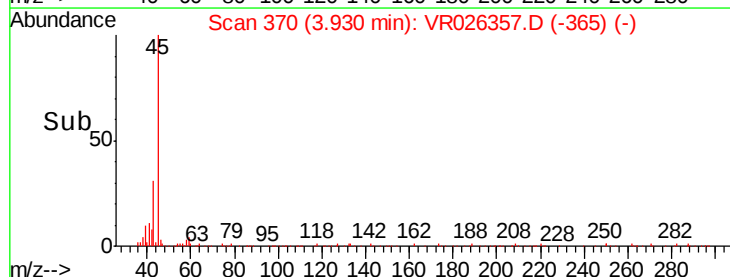
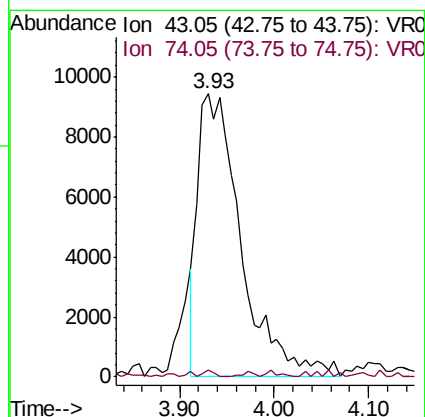
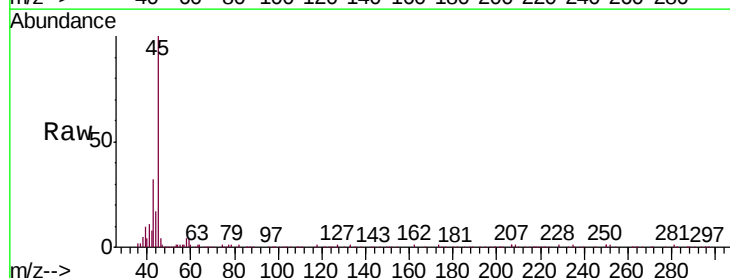
Acq: 21 Feb 2019 12:45

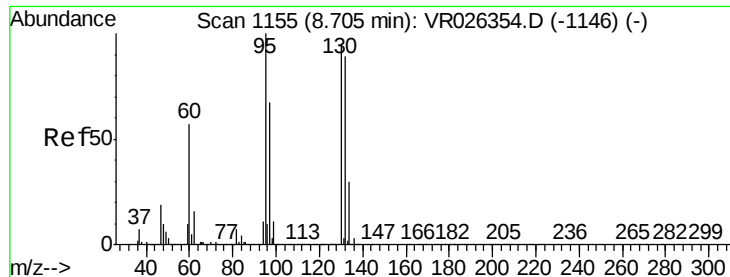
Tgt Ion: 43 Resp: 30008

Ion Ratio Lower Upper

43 100

74 0.6 18.6 28.0#





#34

Trichloroethene

Concen: 0.425 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

Lab File: VR026357.D

Acq: 21 Feb 2019 12:45

Instrument :

MSVOA_R

ClientSampleId :

C0TR6

Tgt Ion: 95 Resp: 16924

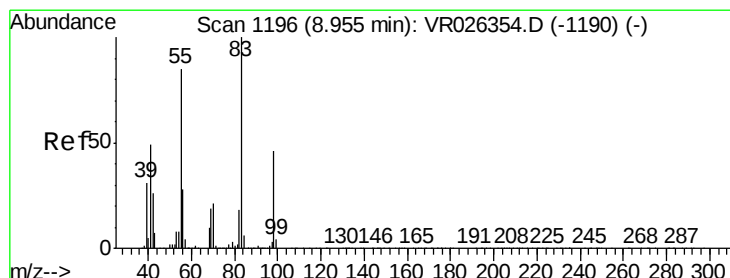
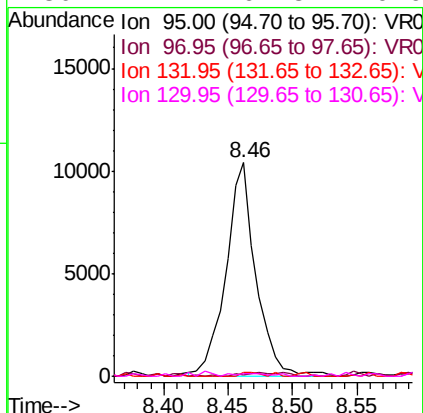
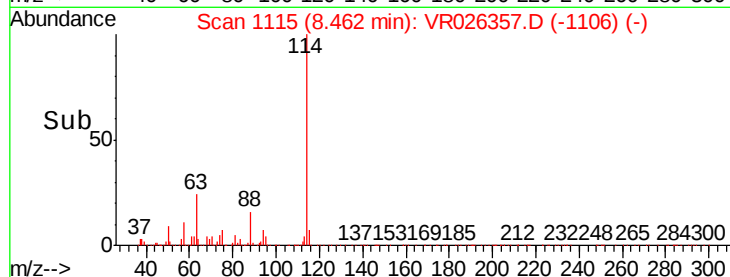
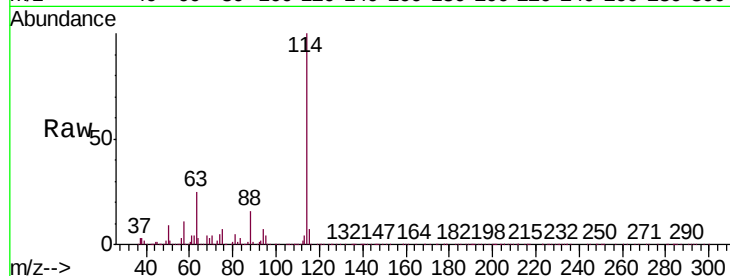
Ion Ratio Lower Upper

95 100

97 0.6 45.1 83.9#

132 1.9 60.7 112.7#

130 1.1 62.8 116.6#



#35

Methylcyclohexane

Concen: 0.845 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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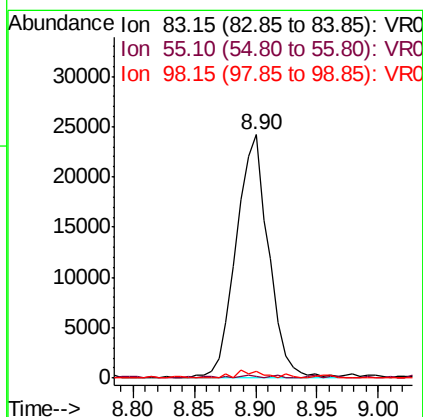
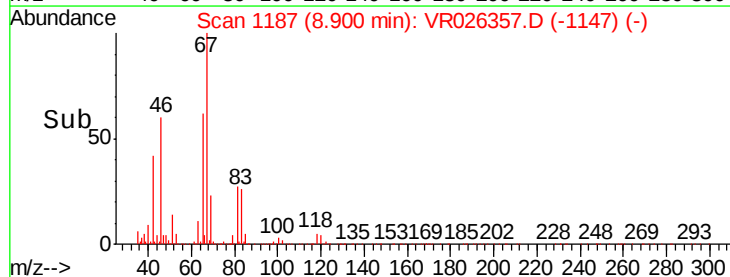
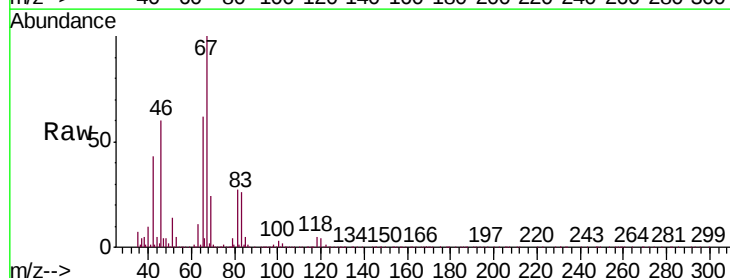
Tgt Ion: 83 Resp: 44574

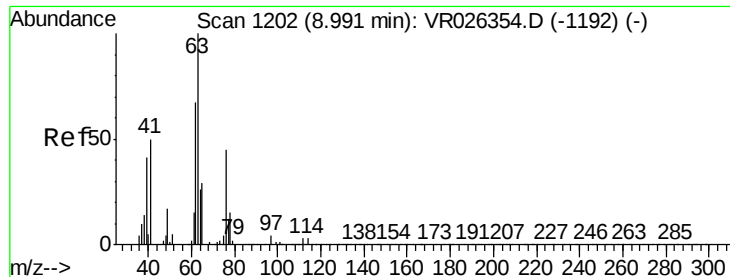
Ion Ratio Lower Upper

83 100

55 0.4 67.3 100.9#

98 3.0 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.652 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026357.D

Acq: 21 Feb 2019 12:45

Instrument :

MSVOA_R

ClientSampleId :

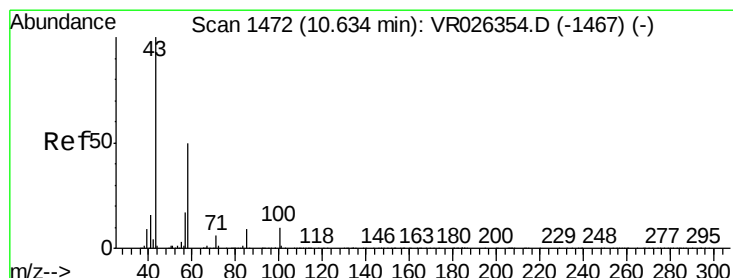
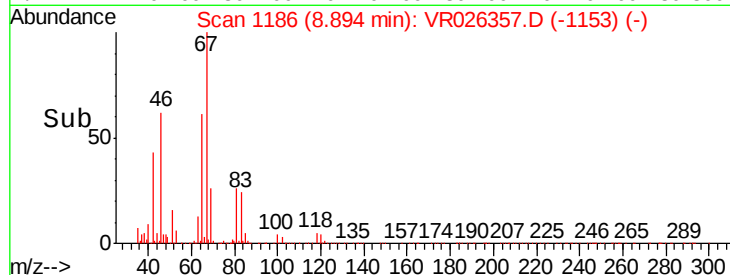
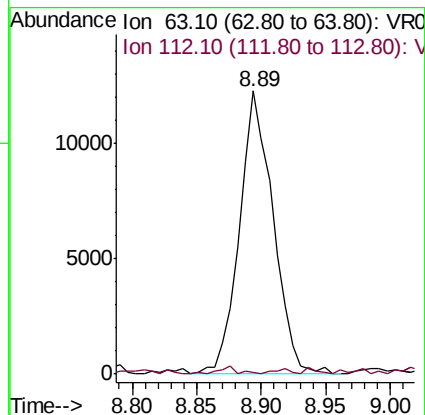
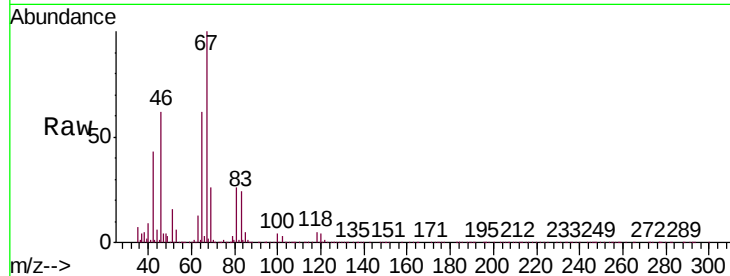
C0TR6

Tgt Ion: 63 Resp: 22280

Ion Ratio Lower Upper

63 100

112 1.4 3.4 5.0#



#48

2-Hexanone

Concen: 3.549 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026357.D

Acq: 21 Feb 2019 12:45

Tgt Ion: 43 Resp: 21765

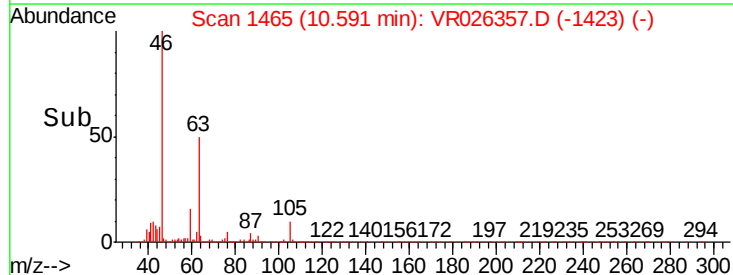
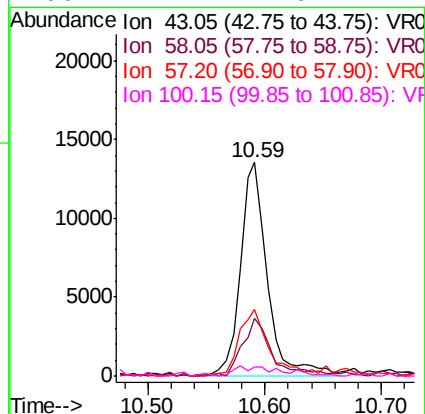
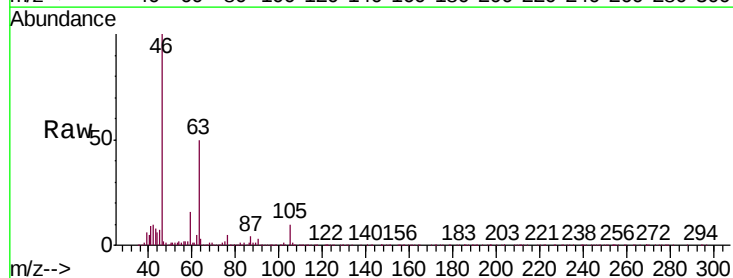
Ion Ratio Lower Upper

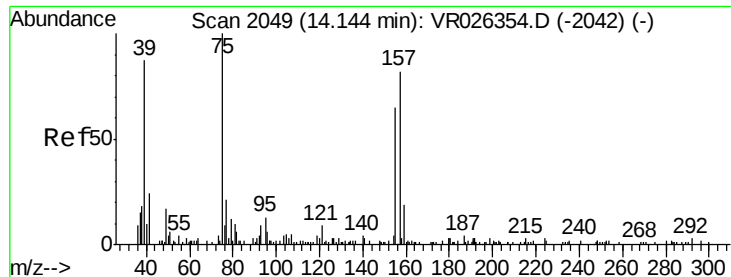
43 100

58 29.6 39.1 58.7#

57 33.8 14.2 21.2#

100 2.4 7.6 11.4#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.180 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VR026357.D
 Acq: 21 Feb 2019 12:45

Instrument :
 MSVOA_R
 ClientSampleId :
 C0TR6

Tgt Ion: 75 Resp: 212
 Ion Ratio Lower Upper
 75 100
 155 76.4 45.8 68.8#
 157 79.5 60.9 91.3

