

Data File : VR026250.D
Acq On : 21 Nov 2018 3:38
Operator : SY/MD
Sample : J6026-15
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H0FM6

Quant Time: Nov 21 04:22:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	543385	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	449632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	131962	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	207492	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	2.63	69	202981	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	3.61	63	407724	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	6.59	46	195897	51.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.12%
24) Chloroform-d	7.20	84	373360	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	7.90	65	150114	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	7.86	84	754513	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	8.90	67	196194	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	9.97	98	685798	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	10.24	79	43924	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	10.59	63	126074	50.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.42%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70600	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	124221	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

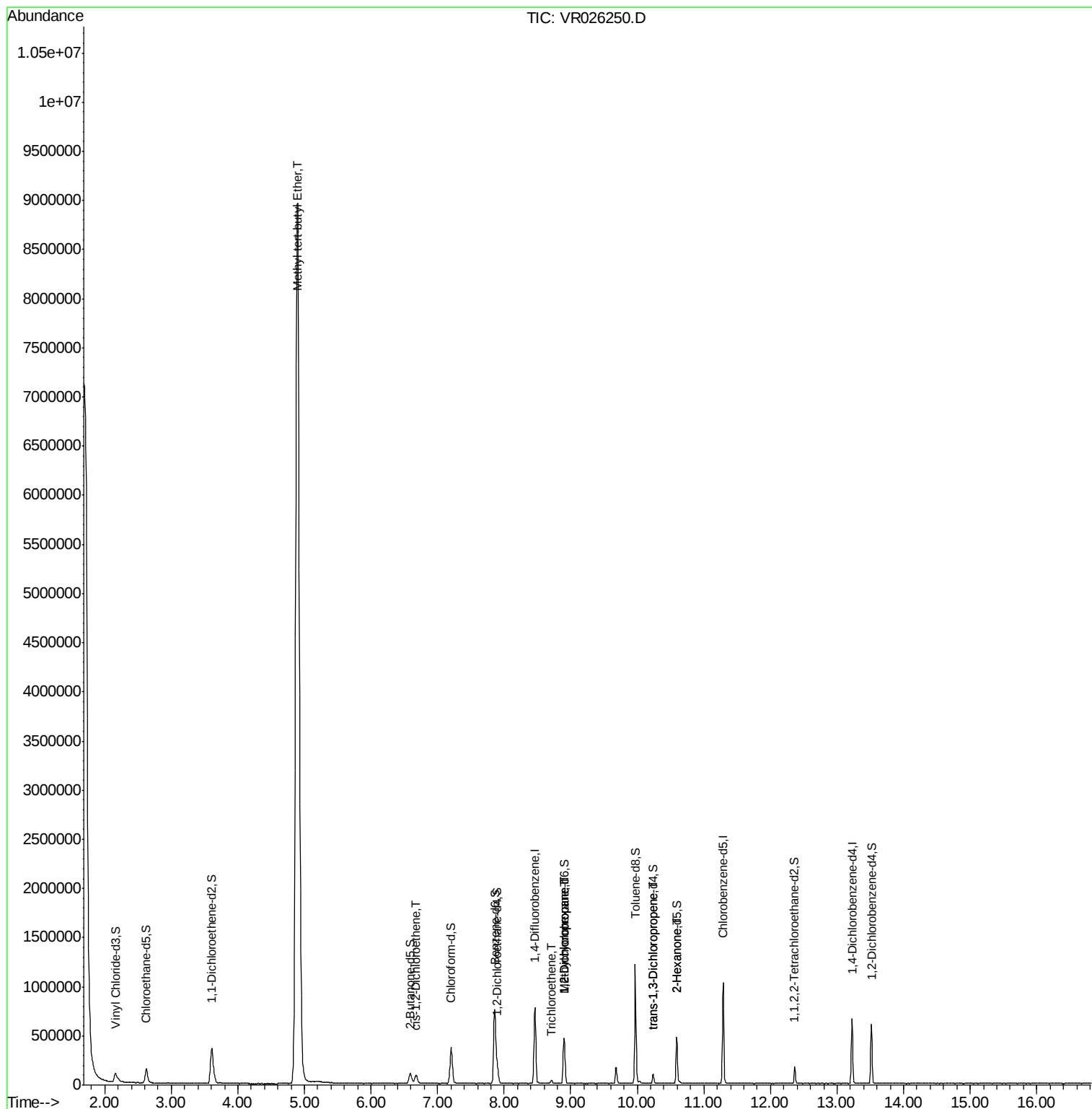
						Qvalue
17) Methyl tert-butyl Ether	4.90	73	14612319	309.908	ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	48505	1.285	ug/L	96
34) Trichloroethene	8.71	95	10246	0.235	ug/L	95
35) Methylcyclohexane	8.90	83	46814	0.808	ug/L #	18
37) 1,2-Dichloropropane	8.91	63	23340	0.686	ug/L #	92
44) trans-1,3-Dichloropropene	10.24	75	2531	0.095	ug/L	98
48) 2-Hexanone	10.59	43	21794	3.434	ug/L #	70

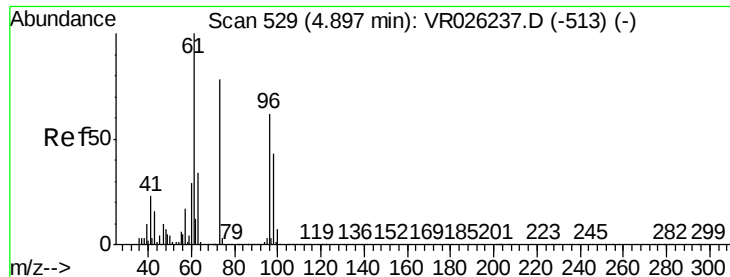
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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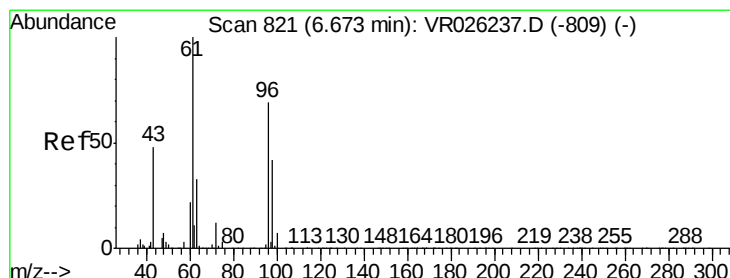
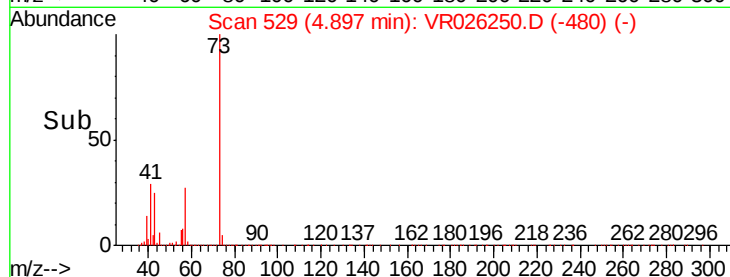
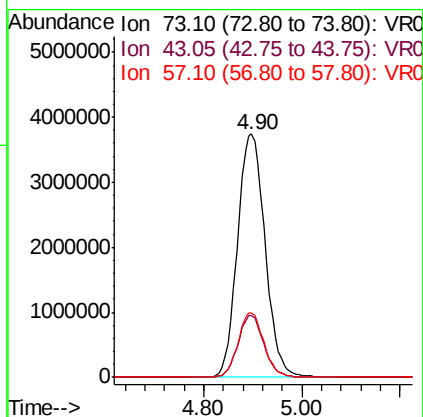
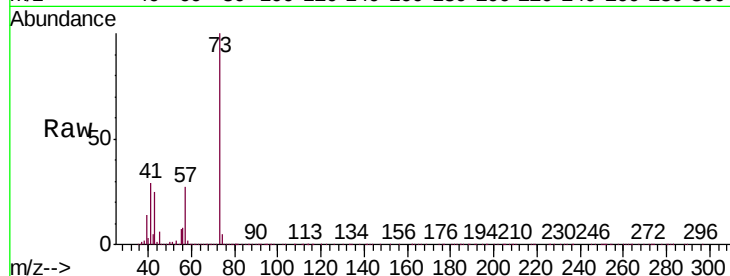




#17
Methyl tert-butyl Ether
Concen: 309.908 ug/L
RT: 4.90 min Scan# 529
Delta R.T. 0.00 min
Lab File: VR026250.D
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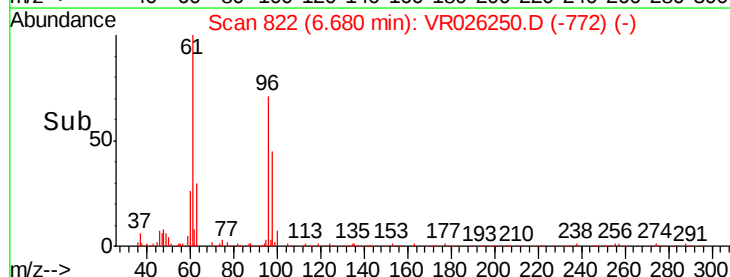
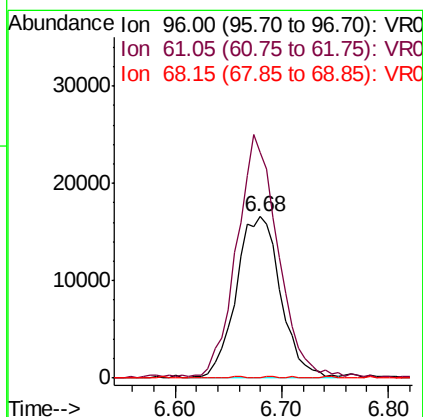
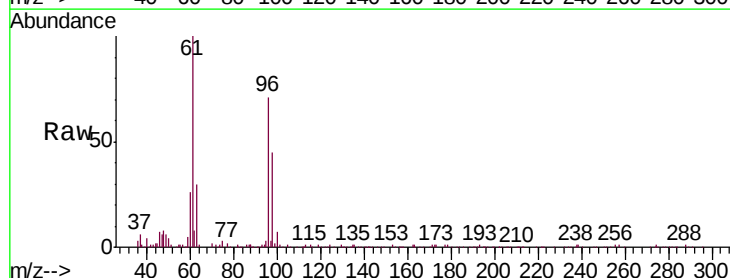
Instrument :
MSVOA_R
ClientSampleId :
H0FM6

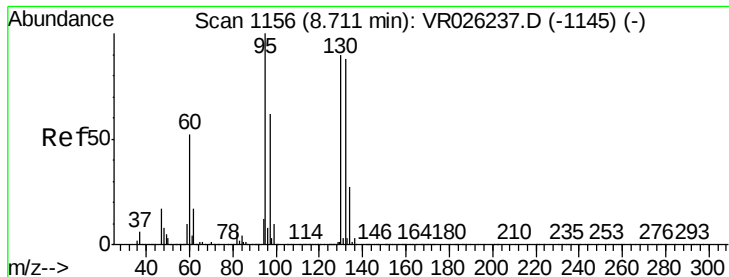
Tgt Ion: 73 Resp:14612319
Ion Ratio Lower Upper
73 100
43 23.9 19.0 28.4
57 24.8 17.9 26.9



#22
cis-1,2-Dichloroethene
Concen: 1.285 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.01 min
Lab File: VR026250.D
Acq: 21 Nov 2018 3:38

Tgt Ion: 96 Resp: 48505
Ion Ratio Lower Upper
96 100
61 140.0 94.8 176.2
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.235 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR026250.D

Acq: 21 Nov 2018 3:38

Instrument :

MSVOA_R

ClientSampleId :

H0FM6

Tgt Ion: 95 Resp: 10246

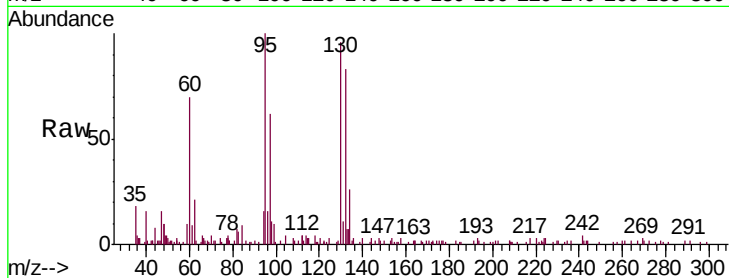
Ion Ratio Lower Upper

95 100

97 62.3 45.1 83.7

132 83.1 59.8 111.0

130 96.0 61.4 114.0

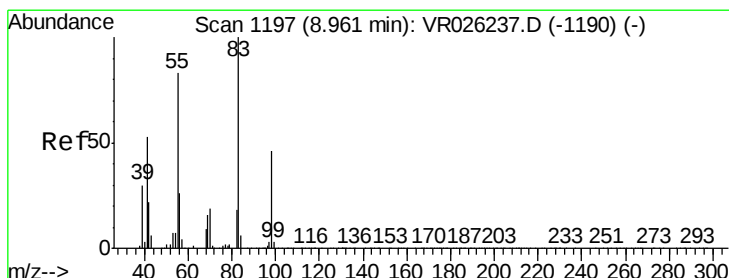
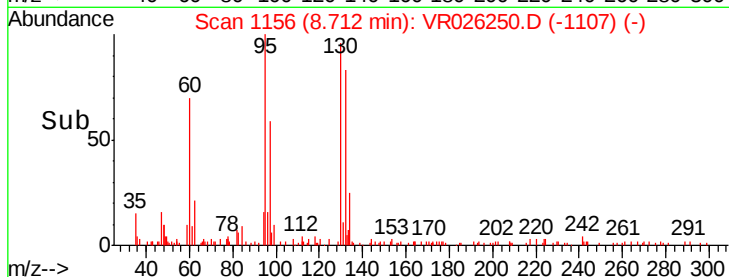
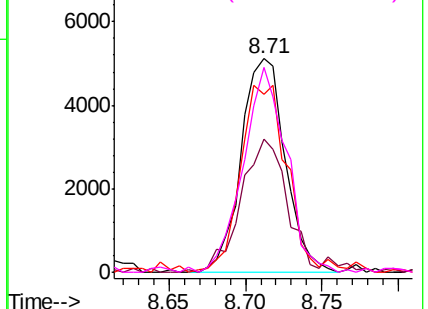


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.808 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.06 min

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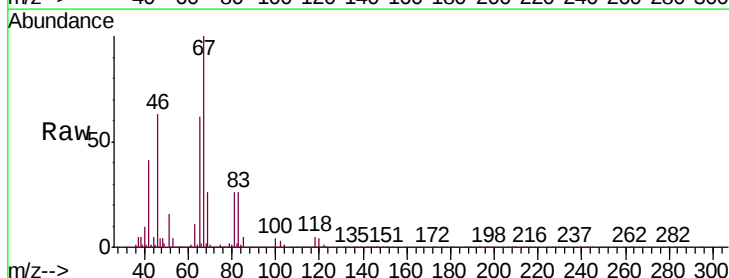
Tgt Ion: 83 Resp: 46814

Ion Ratio Lower Upper

83 100

55 1.2 66.6 100.0#

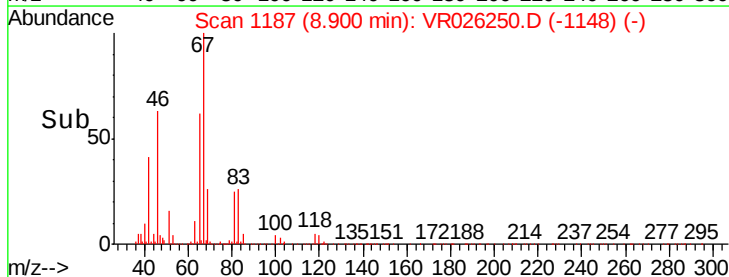
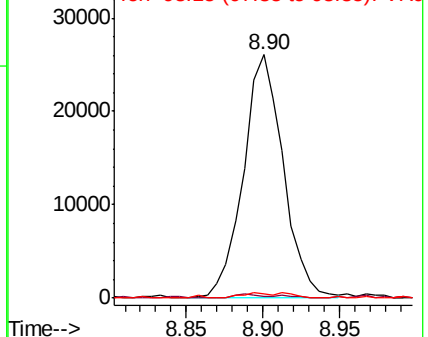
98 1.2 35.5 53.3#

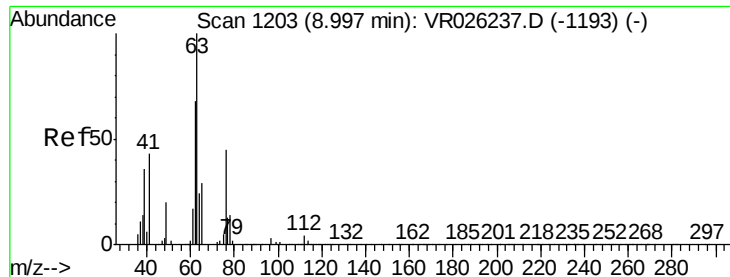


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.686 ug/L

RT: 8.91 min Scan# 1188

Delta R.T. -0.09 min

Lab File: VR026250.D

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Instrument :

MSVOA_R

ClientSampleId :

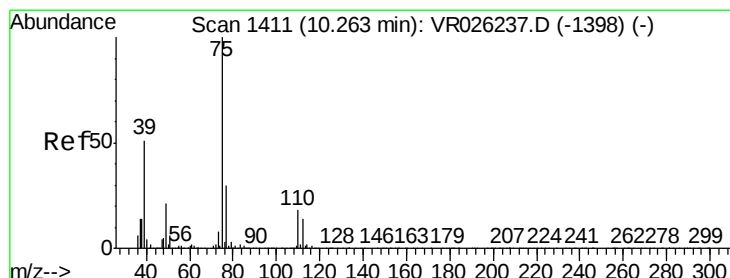
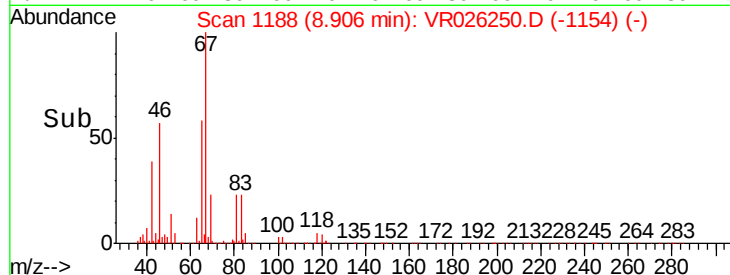
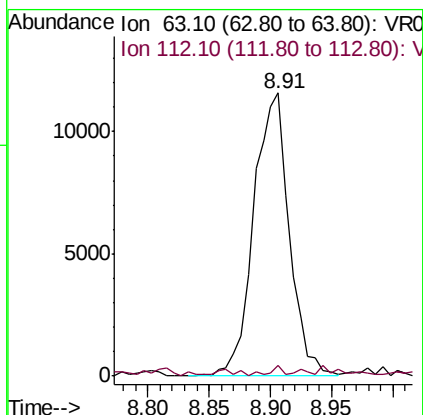
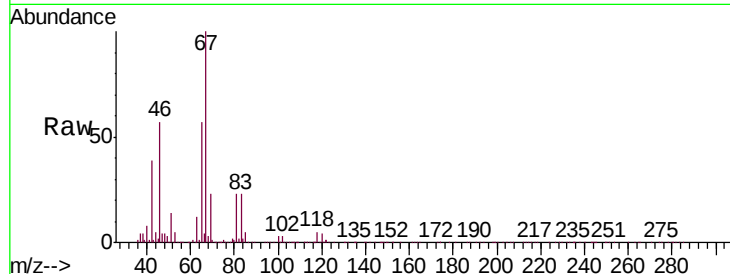
H0FM6

Tgt Ion: 63 Resp: 23340

Ion Ratio Lower Upper

63 100

112 1.6 3.4 5.0#



#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026250.D

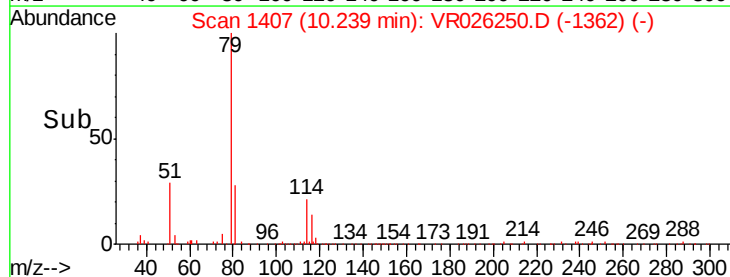
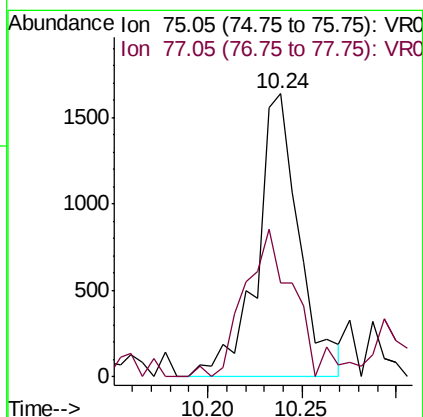
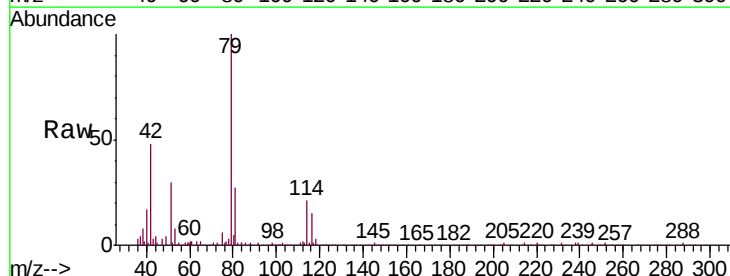
Acq: 21 Nov 2018 3:38

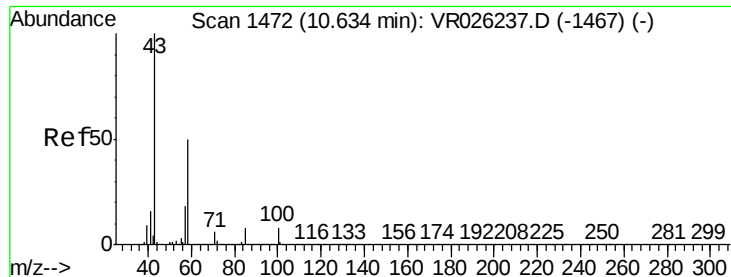
Tgt Ion: 75 Resp: 2531

Ion Ratio Lower Upper

75 100

77 33.1 22.3 41.3





#48

2-Hexanone

Concen: 3.434 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026250.D

Acq: 21 Nov 2018 3:38

Instrument :

MSVOA_R

ClientSampleId :

H0FM6

Tgt Ion: 43 Resp: 21794

Ion Ratio Lower Upper

43 100

58 26.9 41.3 61.9#

57 28.5 14.5 21.7#

100 4.3 7.5 11.3#

