

Data File : VR026243.D
Acq On : 20 Nov 2018 23:47
Operator : SY/MD
Sample : J6026-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H0FK3

Quant Time: Nov 21 03:27:33 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	564287	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	458253	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	140355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	205394	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	2.63	69	187054	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	3.60	63	395191	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	6.59	46	185163	46.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.94%
24) Chloroform-d	7.20	84	369783	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	7.90	65	150319	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	7.85	84	730761	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	8.90	67	189831	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	9.97	98	649385	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	10.24	79	44469	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	10.59	63	127646	50.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72017	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	124584	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

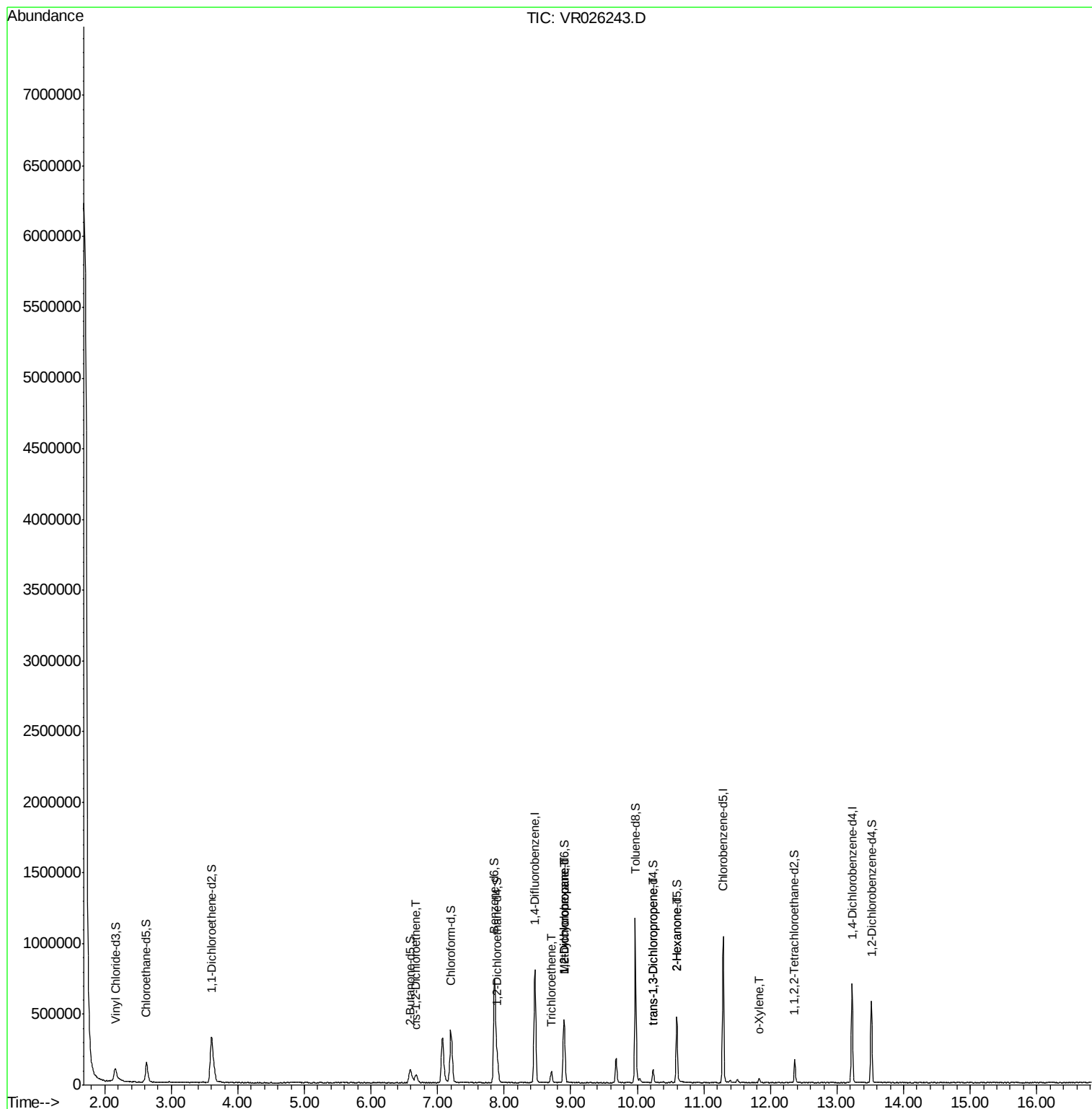
					Qvalue	
22) cis-1,2-Dichloroethene	6.67	96	29773	0.760	ug/L #	96
34) Trichloroethene	8.71	95	25119	0.566	ug/L	92
35) Methylcyclohexane	8.90	83	43896	0.743	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	23368	0.674	ug/L #	94
44) trans-1,3-Dichloropropene	10.24	75	3216	0.118	ug/L	87
48) 2-Hexanone	10.59	43	21100	3.262	ug/L #	67
54) o-Xylene	11.83	106	7554	0.112	ug/L	84

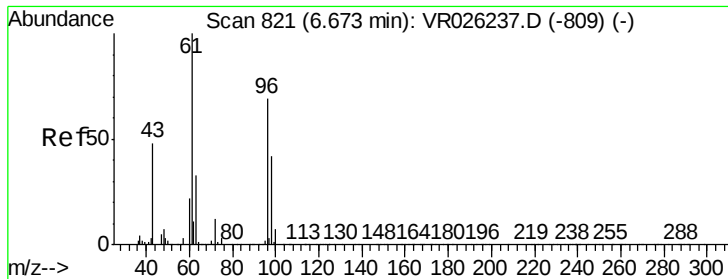
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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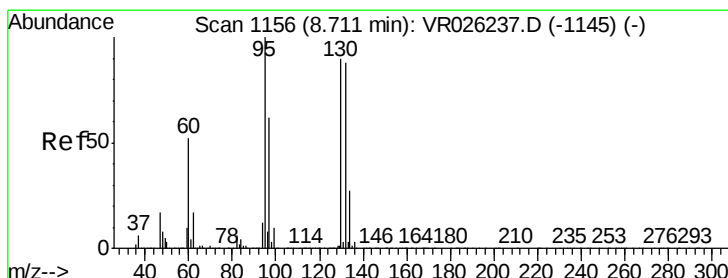
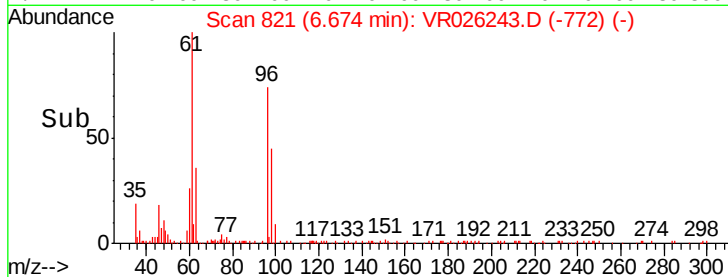
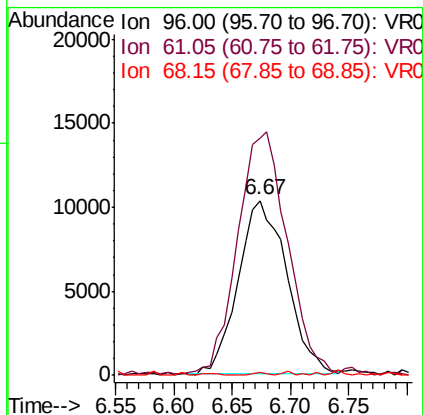
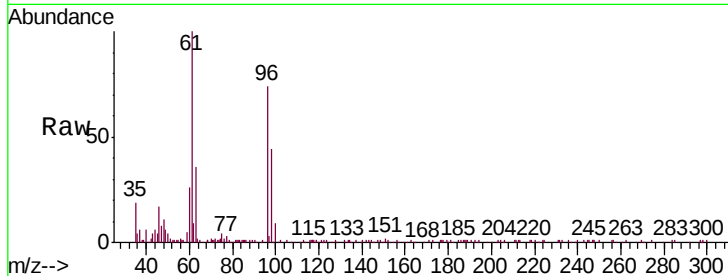


#22

cis-1,2-Dichloroethene
 Concen: 0.760 ug/L
 RT: 6.67 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: VR026243.D
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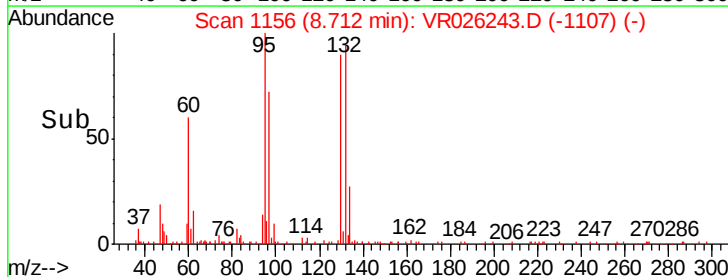
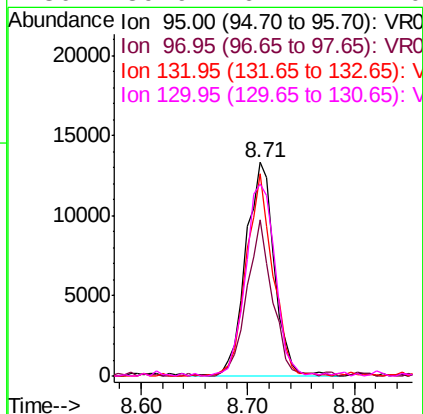
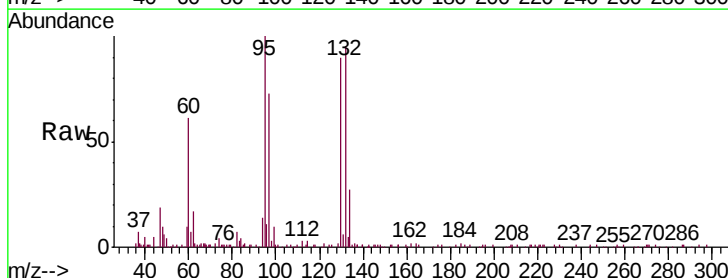
Tgt Ion: 96 Resp: 29773
 Ion Ratio Lower Upper
 96 100
 61 130.3 94.8 176.2
 68 1.6 0.0 0.0#

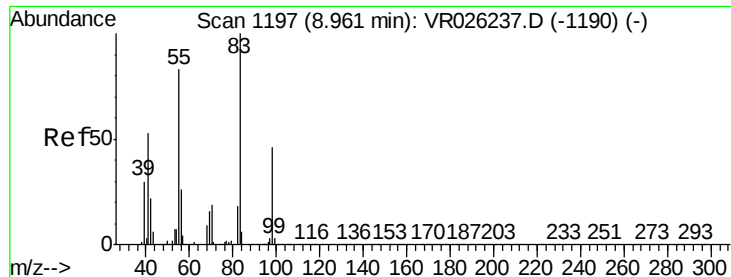


#34

Trichloroethene
 Concen: 0.566 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: VR026243.D
 Acq: 20 Nov 2018 23:47

Tgt Ion: 95 Resp: 25119
 Ion Ratio Lower Upper
 95 100
 97 73.2 45.1 83.7
 132 94.7 59.8 111.0
 130 89.9 61.4 114.0

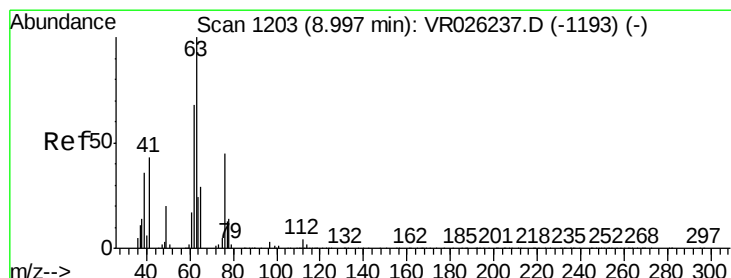
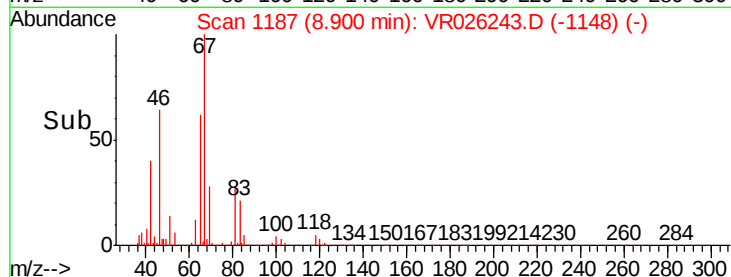
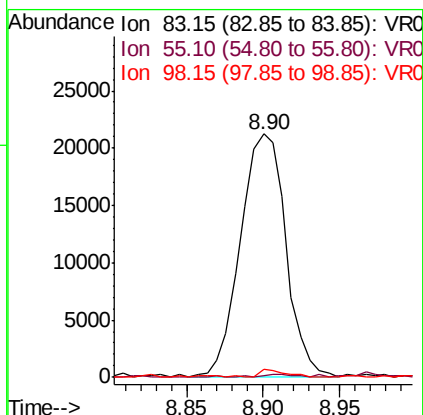
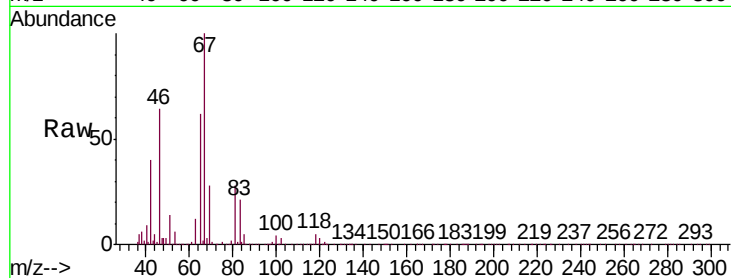




#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR026243.D
Acq: 20 Nov 2018 23:47

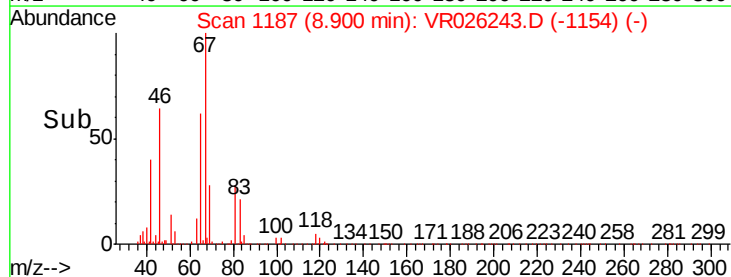
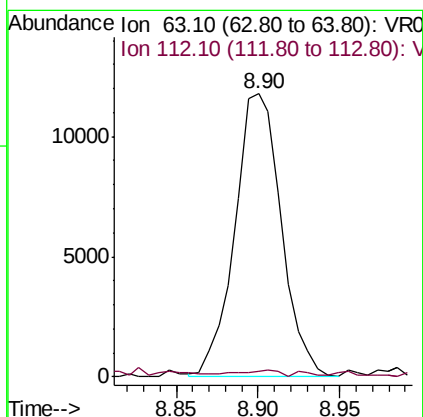
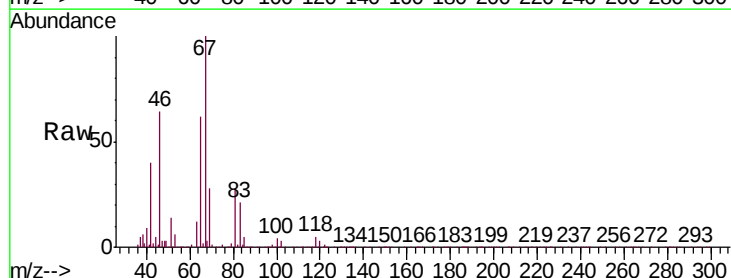
Instrument :
MSVOA_R
ClientSampleId :
H0FK3

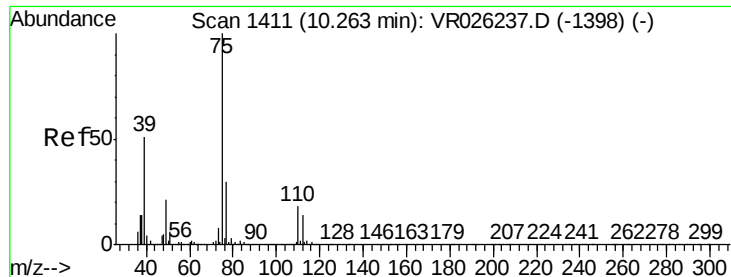
Tgt Ion: 83 Resp: 43896
Ion Ratio Lower Upper
83 100
55 0.7 66.6 100.0#
98 2.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026243.D
Acq: 20 Nov 2018 23:47

Tgt Ion: 63 Resp: 23368
Ion Ratio Lower Upper
63 100
112 2.2 3.4 5.0#





#44

trans-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026243.D

Acq: 20 Nov 2018 23:47

Instrument :

MSVOA_R

ClientSampleId :

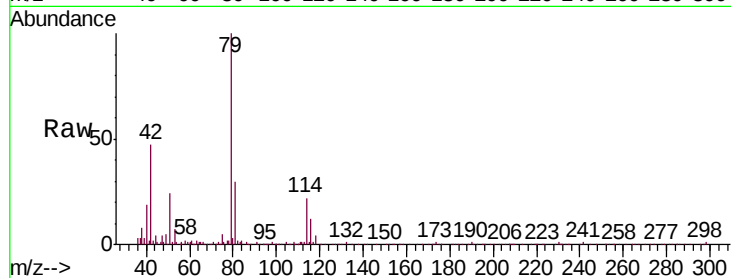
H0FK3

Tgt Ion: 75 Resp: 3216

Ion Ratio Lower Upper

75 100

77 39.0 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

10.24

1500

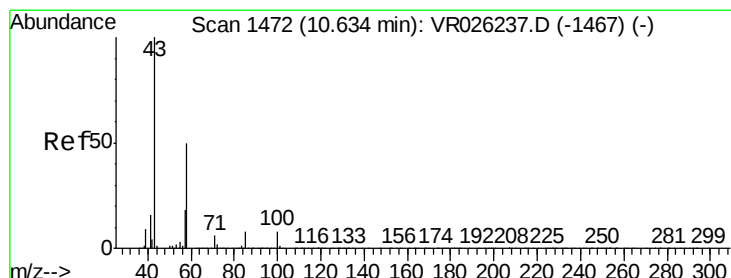
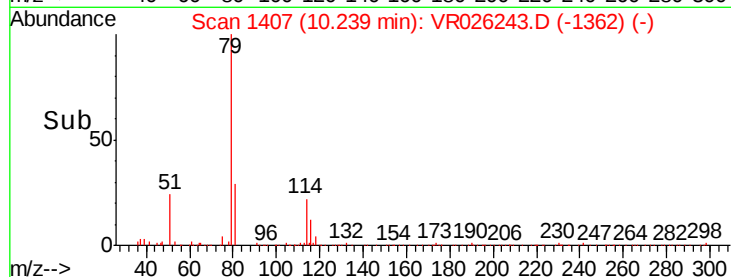
1000

500

0

10.20 10.30

Time-->



#48

2-Hexanone

Concen: 3.262 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026243.D

Acq: 20 Nov 2018 23:47

Tgt Ion: 43 Resp: 21100

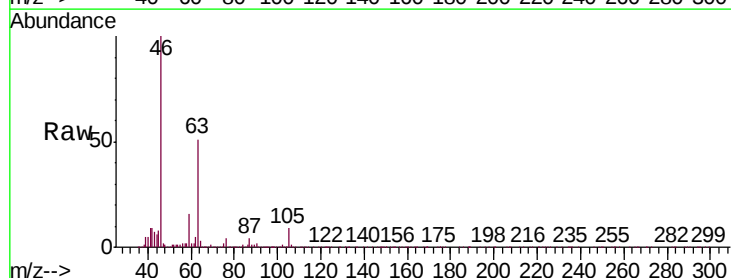
Ion Ratio Lower Upper

43 100

58 26.0 41.3 61.9#

57 32.7 14.5 21.7#

100 4.6 7.5 11.3#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

20000

15000

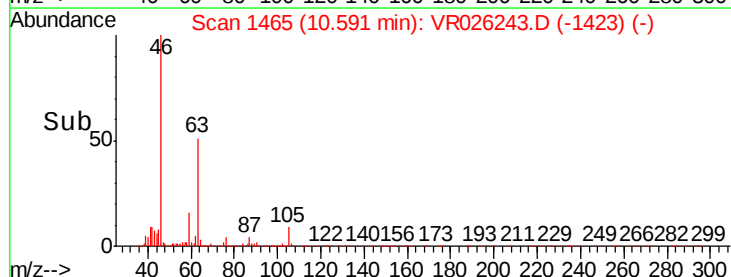
10000

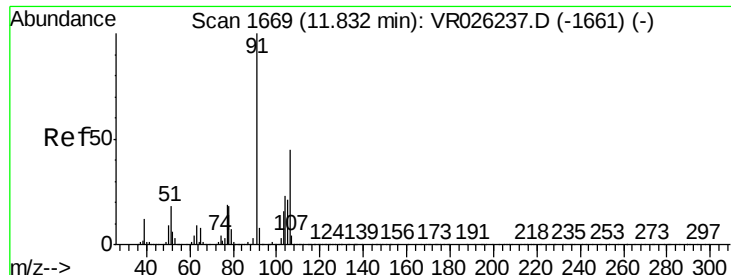
5000

0

10.50 10.60 10.70

Time-->





#54
o-Xylene
Concen: 0.112 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VR026243.D
Acq: 20 Nov 2018 23:47

Instrument :
MSVOA_R
ClientSampleId :
H0FK3

Tgt Ion:106 Resp: 7554
Ion Ratio Lower Upper
106 100
91 201.3 159.0 295.4

