

Data File : VR026024.D
Acq On : 10 Oct 2018 11:58
Operator : SY/MD
Sample : J5276-13DL 4X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEYB0DL

Quant Time: Oct 11 04:14:24 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	489057	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	407665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	136728	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	170441	4.42	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	2.62	69	151193	4.80	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	3.63	63	322565	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	6.59	46	233357	54.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.56%
24) Chloroform-d	7.20	84	313456	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.89	65	143181	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	7.85	84	629196	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	8.90	67	174471	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	9.97	98	569703	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	10.24	79	32700	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	10.59	63	174769	55.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69243	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	110260	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

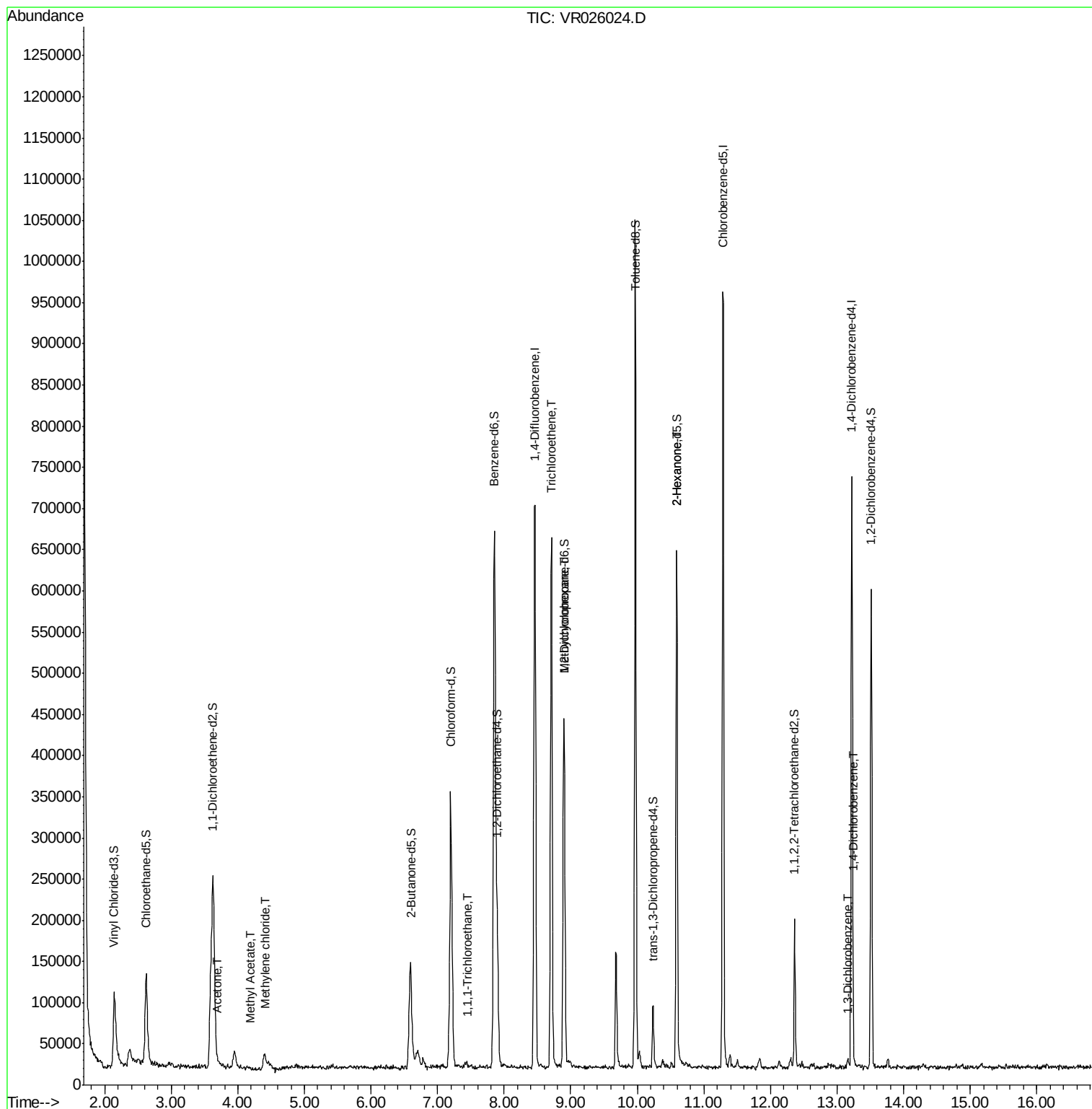
						Qvalue
13) Acetone	3.70	43	5867	1.883	ug/L	73
15) Methyl Acetate	4.19	43	2357	0.273	ug/L #	80
16) Methylene chloride	4.40	84	17127	0.505	ug/L	74
29) 1,1,1-Trichloroethane	7.44	97	5750	0.125	ug/L	97
34) Trichloroethene	8.71	95	204232	5.669	ug/L	90
35) Methylcyclohexane	8.89	83	43036	0.794	ug/L #	16
48) 2-Hexanone	10.59	43	26212	3.881	ug/L #	73
62) 1,3-Dichlorobenzene	13.16	146	3022	0.076	ug/L	94
63) 1,4-Dichlorobenzene	13.24	146	3211	0.079	ug/L #	76

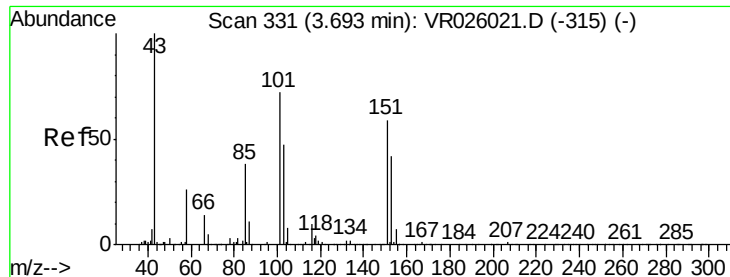
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.883 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026024.D

Acq: 10 Oct 2018 11:58

Instrument :

MSVOA_R

ClientSampled :

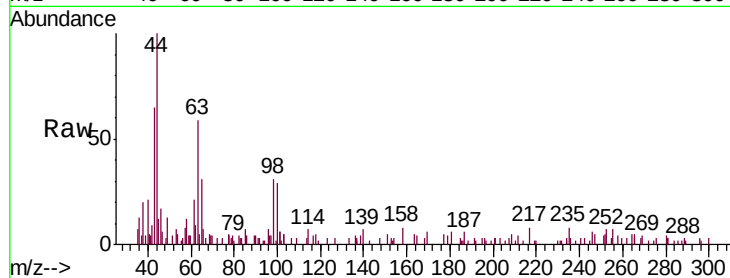
BEYB0DL

Tgt Ion: 43 Resp: 5867

Ion Ratio Lower Upper

43 100

58 12.2 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

2000

1500

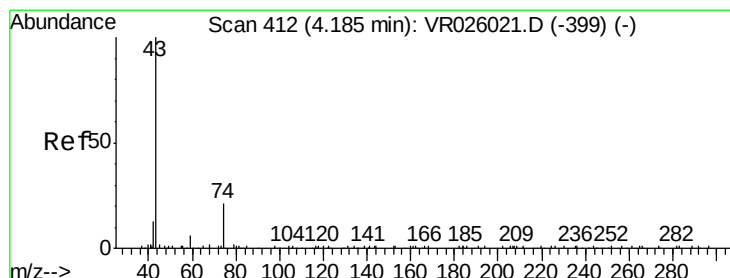
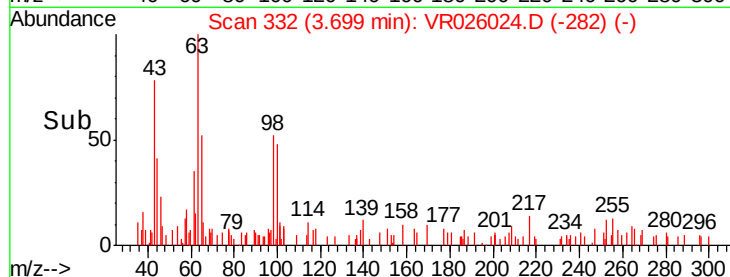
1000

500

0

Time-->

3.60 3.65 3.70 3.75 3.80



#15

Methyl Acetate

Concen: 0.273 ug/L

RT: 4.19 min Scan# 412

Delta R.T. 0.00 min

Lab File: VR026024.D

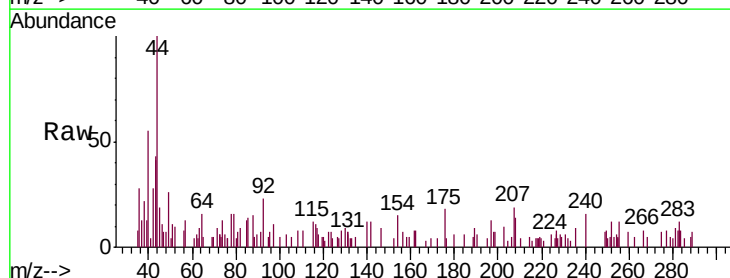
Acq: 10 Oct 2018 11:58

Tgt Ion: 43 Resp: 2357

Ion Ratio Lower Upper

43 100

74 14.1 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

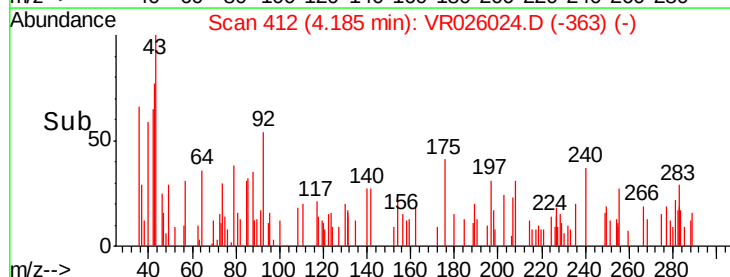
1000

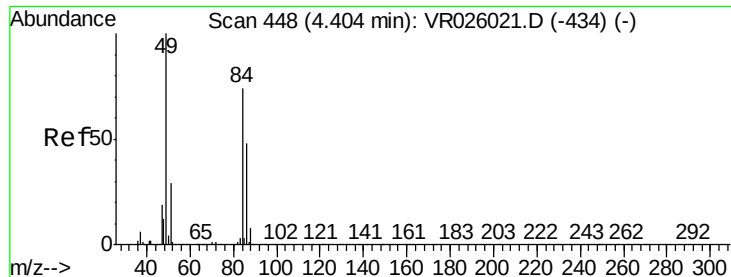
500

0

Time-->

4.15 4.20

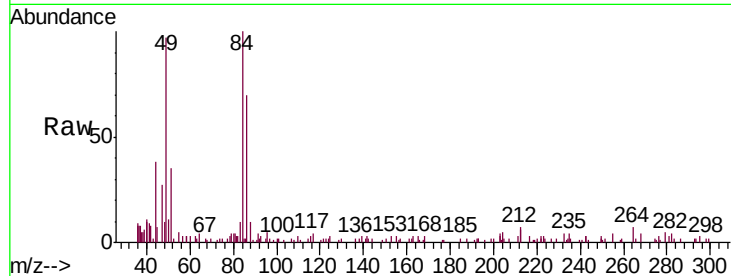




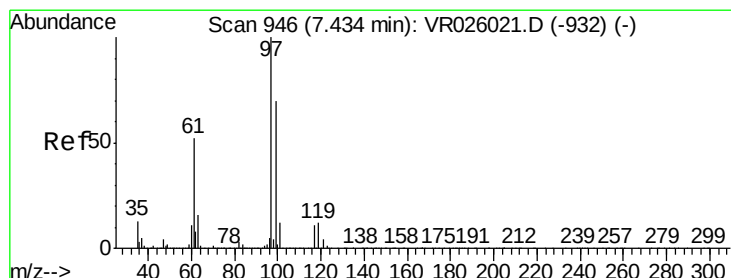
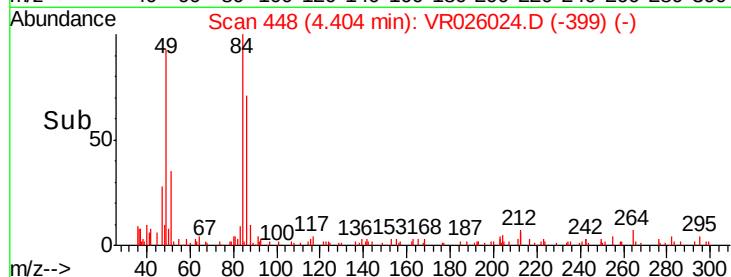
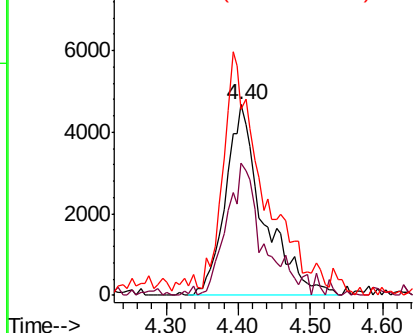
#16
Methylene chloride
Concen: 0.505 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.00 min
Lab File: VR026024.D
Acq: 10 Oct 2018 11:58

Instrument :
MSVOA_R
ClientSampleId :
BEYB0DL

Tgt Ion: 84 Resp: 17127
Ion Ratio Lower Upper
84 100
86 69.5 43.1 80.1
49 97.5 95.5 177.3

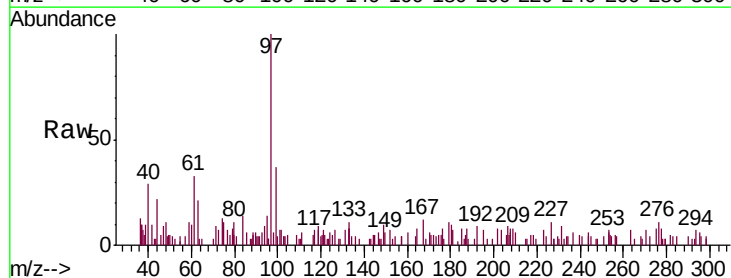


Abundance Ion 84.05 (83.75 to 84.75): VR0
Ion 86.00 (85.70 to 86.70): VR0
Ion 49.10 (48.80 to 49.80): VR0

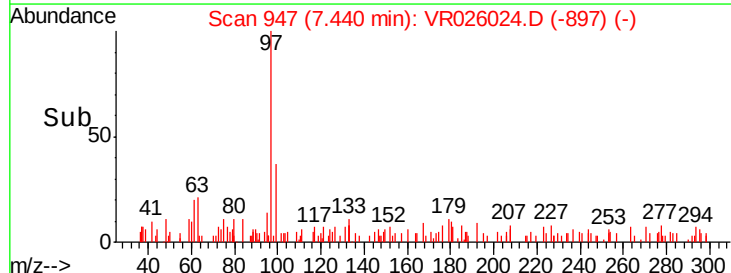
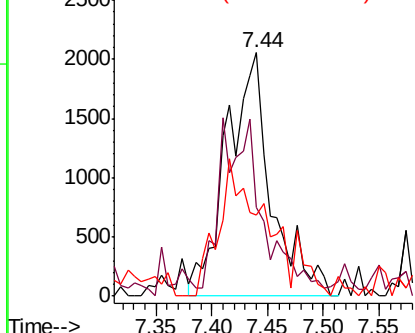


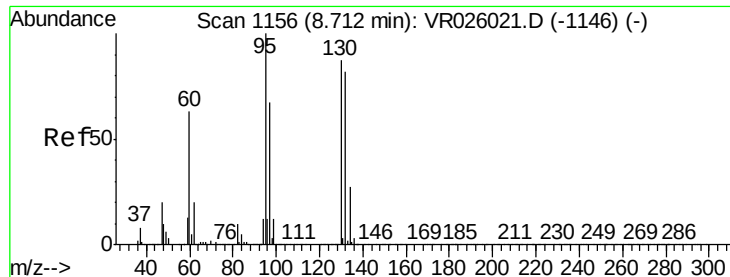
#29
1,1,1-Trichloroethane
Concen: 0.125 ug/L
RT: 7.44 min Scan# 947
Delta R.T. 0.01 min
Lab File: VR026024.D
Acq: 10 Oct 2018 11:58

Tgt Ion: 97 Resp: 5750
Ion Ratio Lower Upper
97 100
99 62.5 51.0 76.6
61 54.9 41.6 62.4



Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0





#34

Trichloroethene

Concen: 5.669 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR026024.D

Acq: 10 Oct 2018 11:58

Instrument :

MSVOA_R

ClientSampleId :

BEYB0DL

Tgt Ion: 95 Resp: 204232

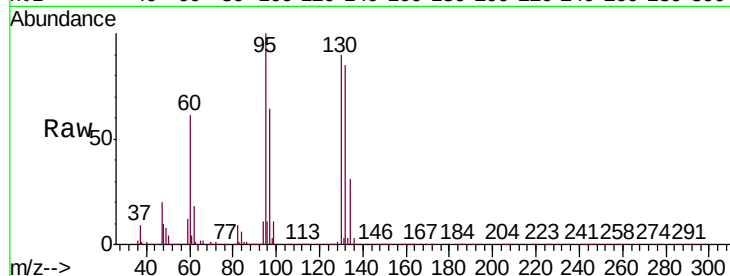
Ion Ratio Lower Upper

95 100

97 64.2 43.9 81.5

132 85.1 53.3 98.9

130 89.7 53.8 99.8



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

150000

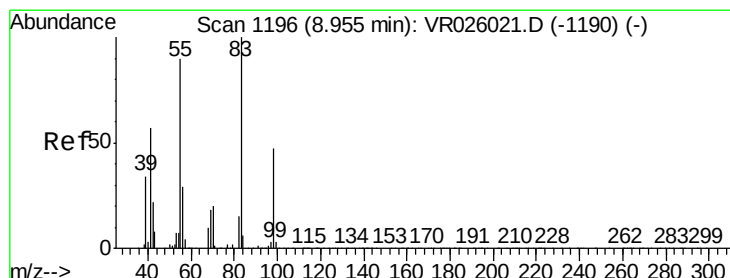
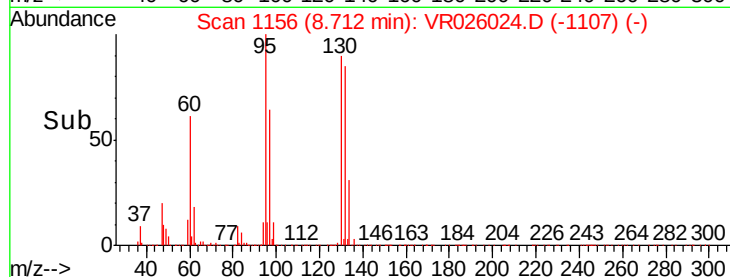
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#35

Methylcyclohexane

Concen: 0.794 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026024.D

Acq: 10 Oct 2018 11:58

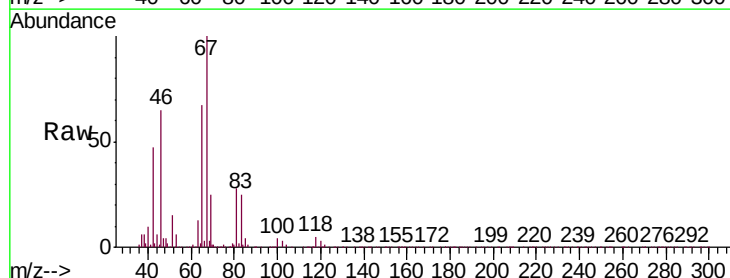
Tgt Ion: 83 Resp: 43036

Ion Ratio Lower Upper

83 100

55 1.1 71.8 107.6#

98 3.2 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

30000

25000

20000

15000

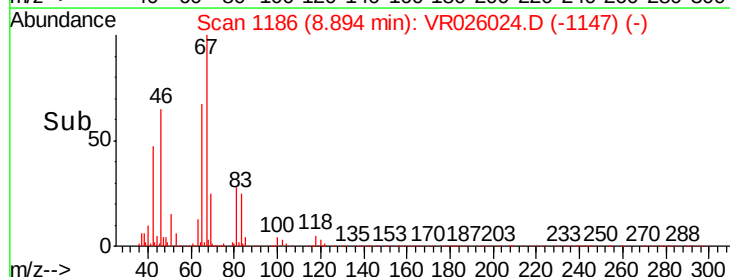
10000

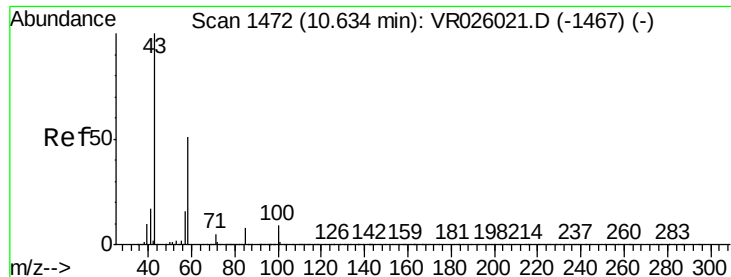
5000

0

8.80 8.85 8.90 8.95 9.00

Time-->

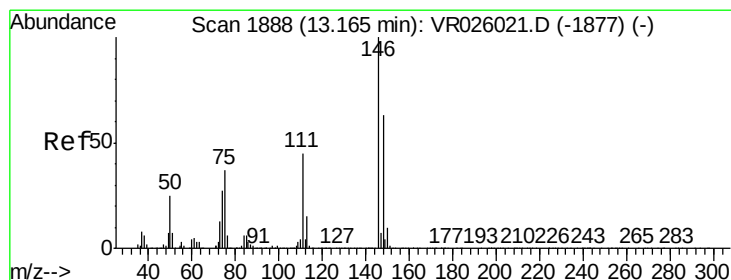
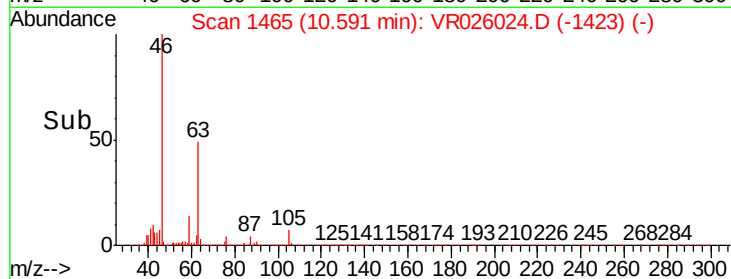
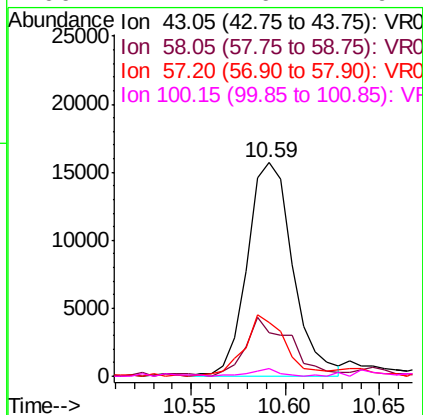
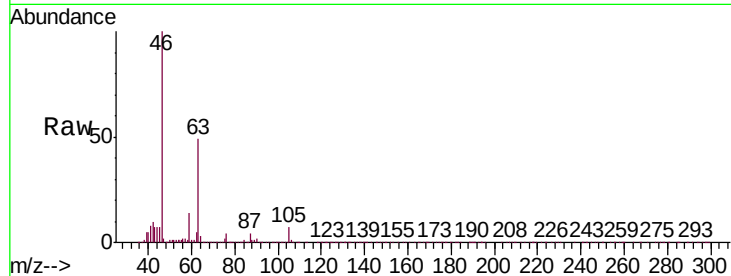




#48
2-Hexanone
Concen: 3.881 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026024.D
Acq: 10 Oct 2018 11:58

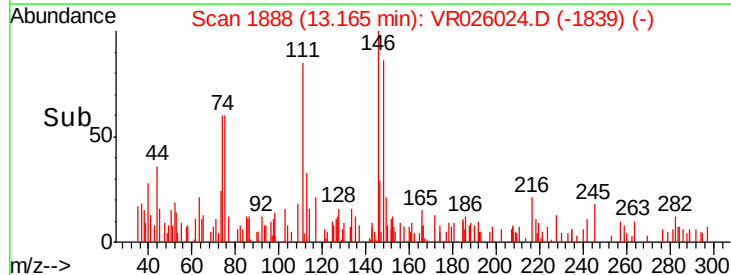
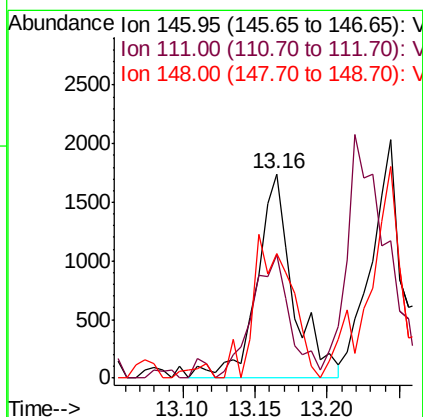
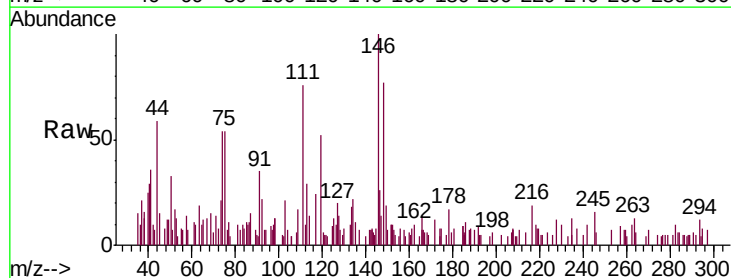
Instrument :
MSVOA_R
ClientSampleId :
BEYB0DL

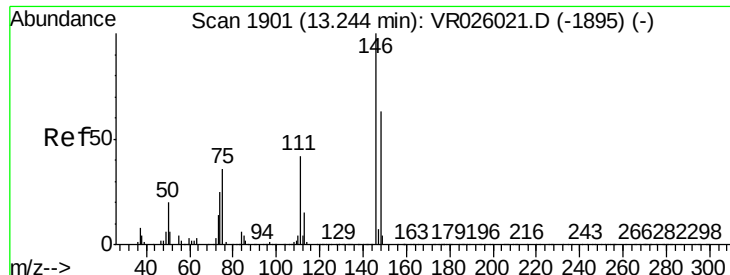
Tgt Ion:	43	Resp:	26212
Ion	Ratio	Lower	Upper
43	100		
58	27.0	39.5	59.3#
57	25.8	14.6	21.8#
100	2.1	6.7	10.1#



#62
1,3-Dichlorobenzene
Concen: 0.076 ug/L
RT: 13.16 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VR026024.D
Acq: 10 Oct 2018 11:58

Tgt Ion:	146	Resp:	3022
Ion	Ratio	Lower	Upper
146	100		
111	60.4	36.6	68.0
148	61.1	41.9	77.7





#63

1,4-Dichlorobenzene

Concen: 0.079 ug/L

RT: 13.24 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VR026024.D

Acq: 10 Oct 2018 11:58

Instrument :

MSVOA_R

ClientSampleId :

BEYB0DL

Tgt Ion:146 Resp: 3211

Ion Ratio Lower Upper

146 100

111 57.6 32.9 61.1

148 88.6 45.5 84.5#

