

Data File : VR025825.D
Acq On : 24 Sep 2018 15:25
Operator : SY/MD
Sample : J5030-01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEY70

Quant Time: Sep 25 07:32:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 25 07:30:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	478814	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	373601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	118919	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	150331	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	2.63	69	125332	4.65	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	3.60	63	269024	3.24	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	6.58	46	226000	49.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.90%
24) Chloroform-d	7.20	84	297040	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	7.89	65	135834	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	7.85	84	607716	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	8.89	67	172068	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	9.97	98	531685	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	10.23	79	36468	3.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.60%
46) 2-Hexanone-d5	10.59	63	161192	46.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63448	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	88944	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

Target Compounds

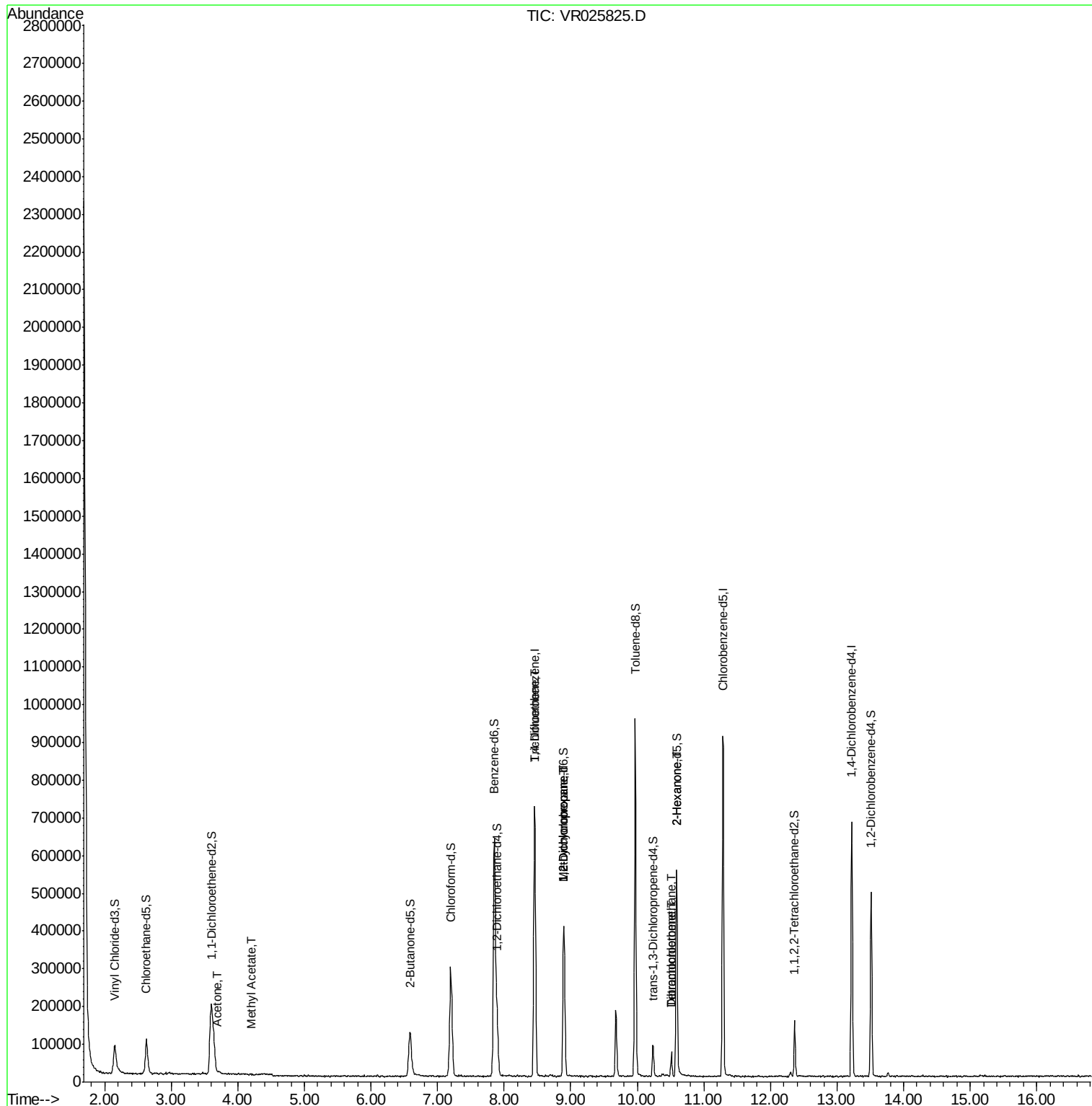
						Qvalue
13) Acetone	3.70	43	5481	1.817	ug/L	75
15) Methyl Acetate	4.19	43	946	0.098	ug/L #	73
34) Trichloroethene	8.46	95	17534	0.337	ug/L #	14
35) Methylcyclohexane	8.90	83	39227	0.460	ug/L #	16
37) 1,2-Dichloropropane	8.90	63	21422	0.490	ug/L #	93
47) Tetrachloroethene	10.51	164	10321	0.347	ug/L	94
48) 2-Hexanone	10.59	43	23910	2.388	ug/L #	71
49) Dibromochloromethane	10.51	129	10057	0.527	ug/L #	12

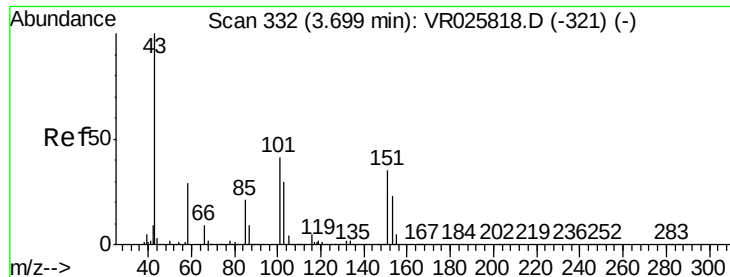
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.817 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

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Instrument :

MSVOA_R

ClientSampled :

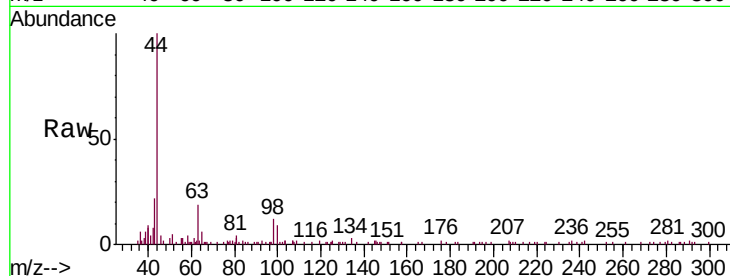
BEY70

Tgt Ion: 43 Resp: 5481

Ion Ratio Lower Upper

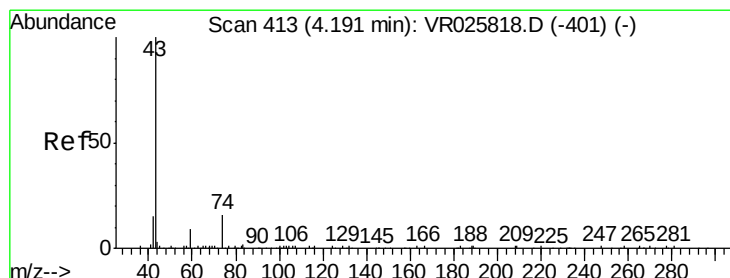
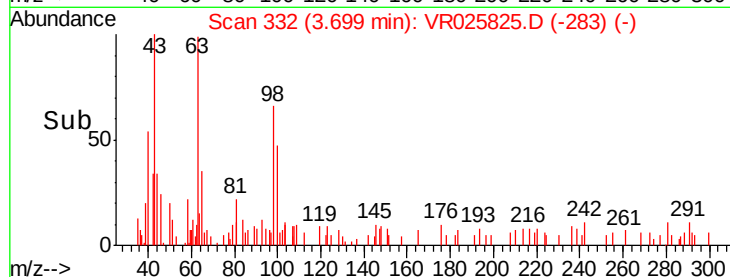
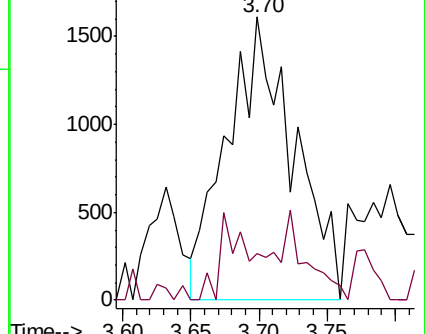
43 100

58 13.0 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.098 ug/L

RT: 4.19 min Scan# 413

Delta R.T. -0.00 min

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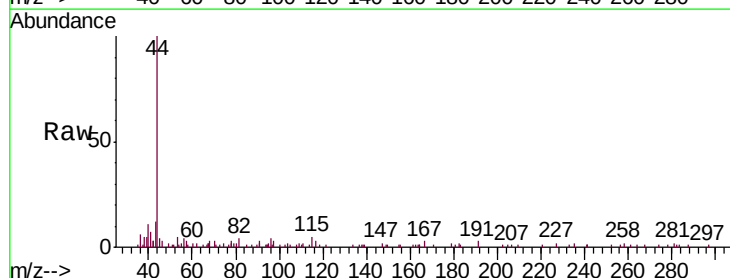
Acq: 24 Sep 2018 15:25

Tgt Ion: 43 Resp: 946

Ion Ratio Lower Upper

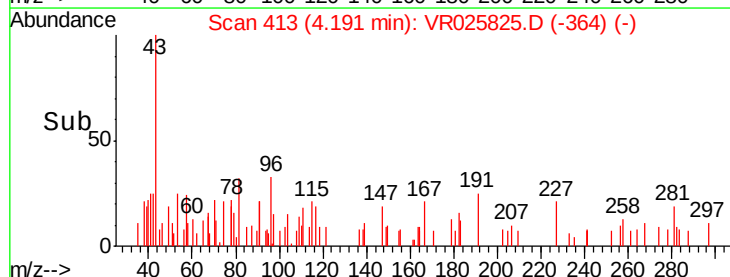
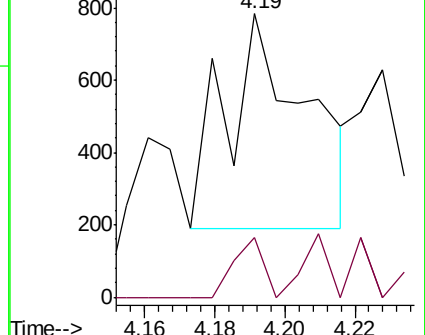
43 100

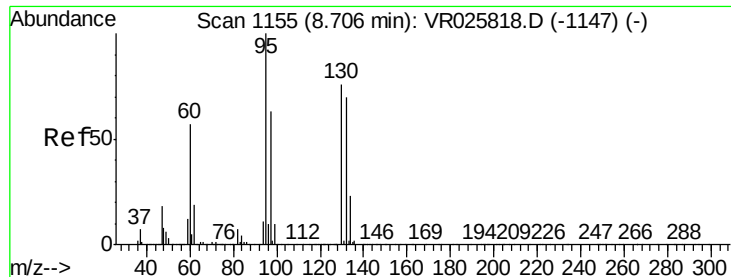
74 10.3 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0





#34

Trichloroethene

Concen: 0.337 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

Lab File: VR025825.D

Acq: 24 Sep 2018 15:25

Instrument :

MSVOA_R

ClientSampleId :

BEY70

Tgt Ion: 95 Resp: 17534

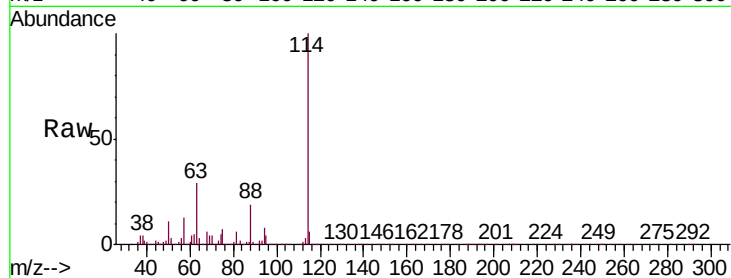
Ion Ratio Lower Upper

95 100

97 0.6 43.9 81.5#

132 0.0 53.3 98.9#

130 0.6 53.8 99.8#

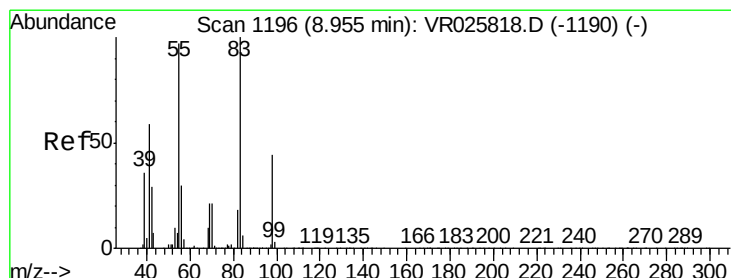
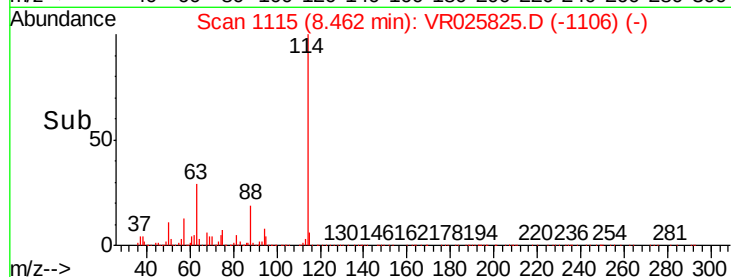
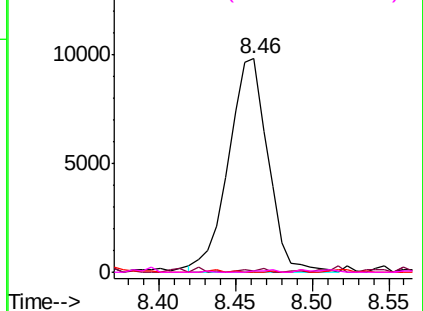


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#35

Methylcyclohexane

Concen: 0.460 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025825.D

Acq: 24 Sep 2018 15:25

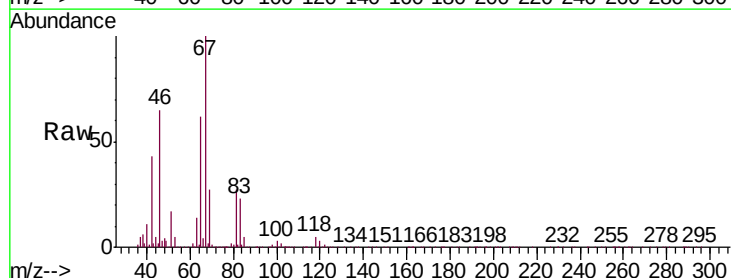
Tgt Ion: 83 Resp: 39227

Ion Ratio Lower Upper

83 100

55 1.7 71.8 107.6#

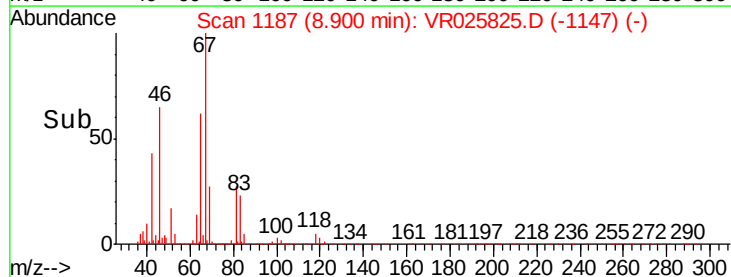
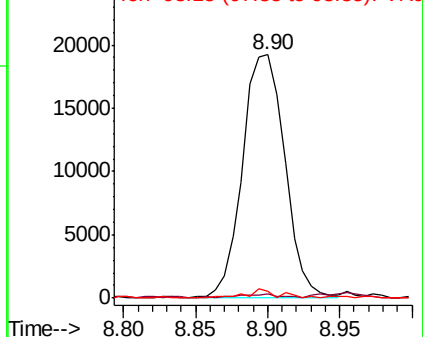
98 2.7 34.2 51.4#

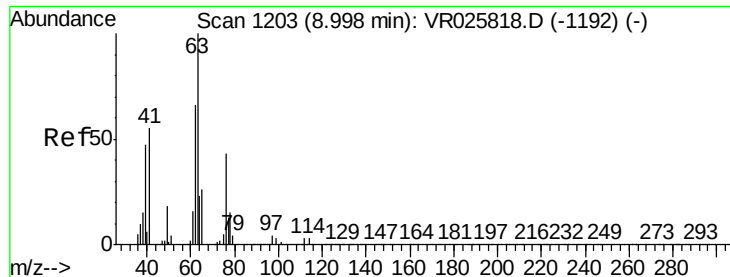


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

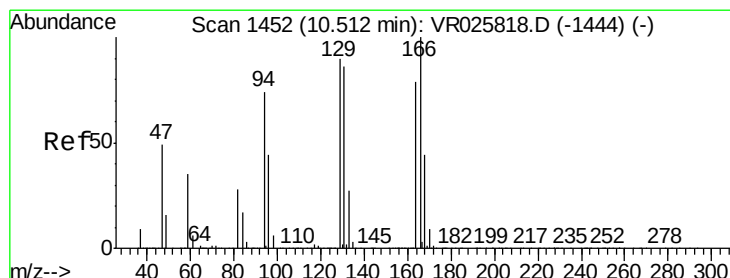
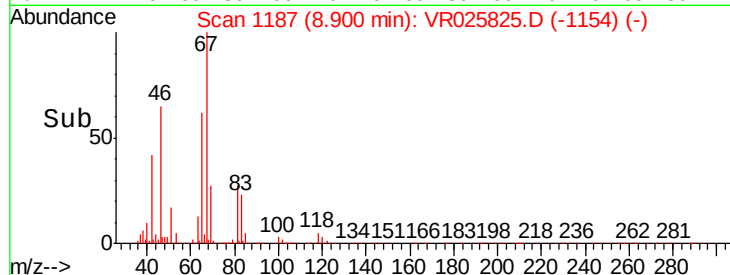
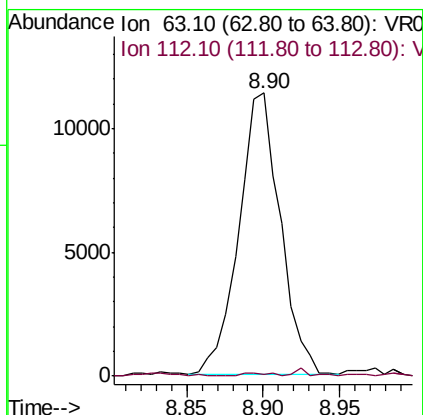
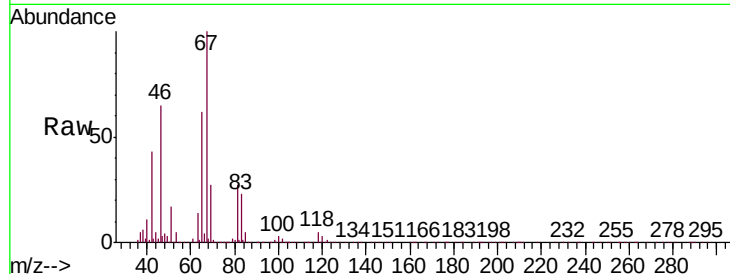




#37
 1,2-Dichloropropane
 Concen: 0.490 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025825.D
 Acq: 24 Sep 2018 15:25

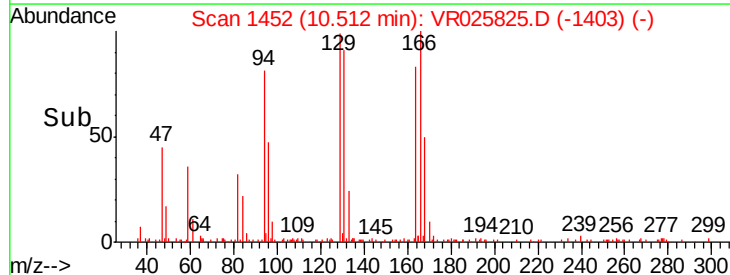
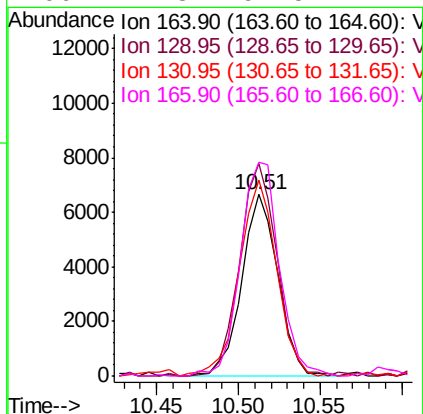
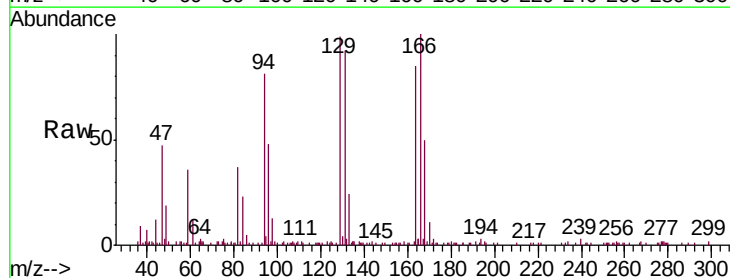
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 MSVOA_R
 ClientSampled :
 BEY70

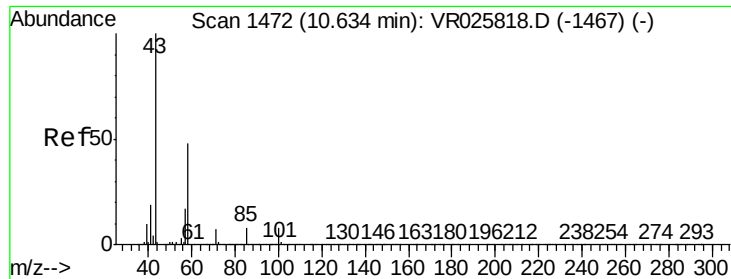
Tgt Ion: 63 Resp: 21422
 Ion Ratio Lower Upper
 63 100
 112 0.7 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 0.347 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: VR025825.D
 Acq: 24 Sep 2018 15:25

Tgt Ion: 164 Resp: 10321
 Ion Ratio Lower Upper
 164 100
 129 117.1 80.8 150.2
 131 108.3 74.5 138.3
 166 117.8 92.5 171.7

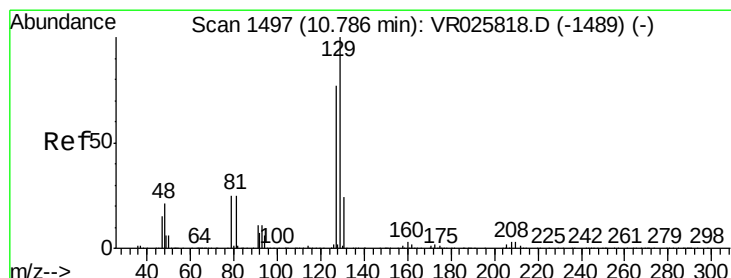
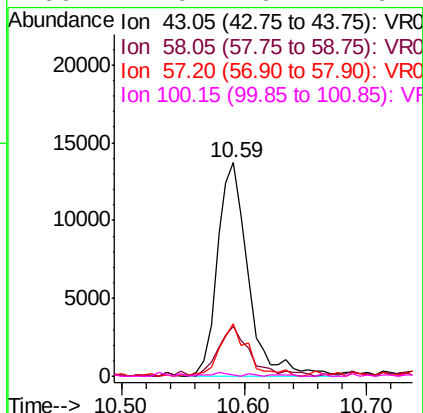
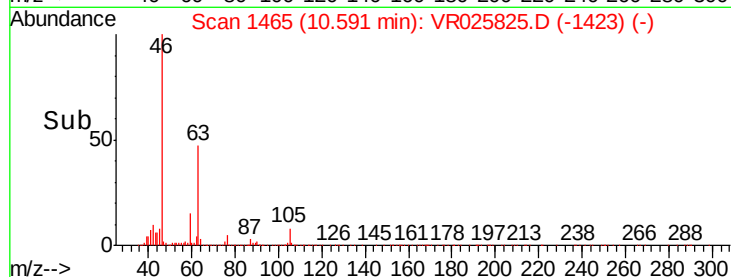
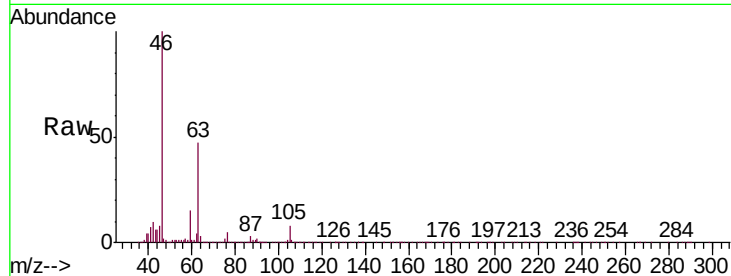




#48
2-Hexanone
Concen: 2.388 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025825.D
Acq: 24 Sep 2018 15:25

Instrument :
MSVOA_R
ClientSampleId :
BEY70

Tgt Ion: 43 Resp: 23910
Ion Ratio Lower Upper
43 100
58 23.8 39.5 59.3#
57 22.6 14.6 21.8#
100 1.0 6.7 10.1#



#49
Dibromochloromethane
Concen: 0.527 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR025825.D
Acq: 24 Sep 2018 15:25

Tgt Ion: 129 Resp: 10057
Ion Ratio Lower Upper
129 100
127 1.4 54.1 100.5#

