

Data File : VR025824.D
Acq On : 24 Sep 2018 14:52
Operator : SY/MD
Sample : J5030-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEY75

Quant Time: Sep 25 07:32:30 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	439011	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	341816	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	113033	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	157476	5.01	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	2.62	69	124387	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	3.60	63	270980	3.56	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	6.59	46	188054	44.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.74%
24) Chloroform-d	7.20	84	288793	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	7.90	65	128919	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	7.85	84	590266	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	8.89	67	158019	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	9.97	98	505050	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	10.24	79	24832	2.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.80%#
46) 2-Hexanone-d5	10.59	63	134240	41.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	57977	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	86208	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

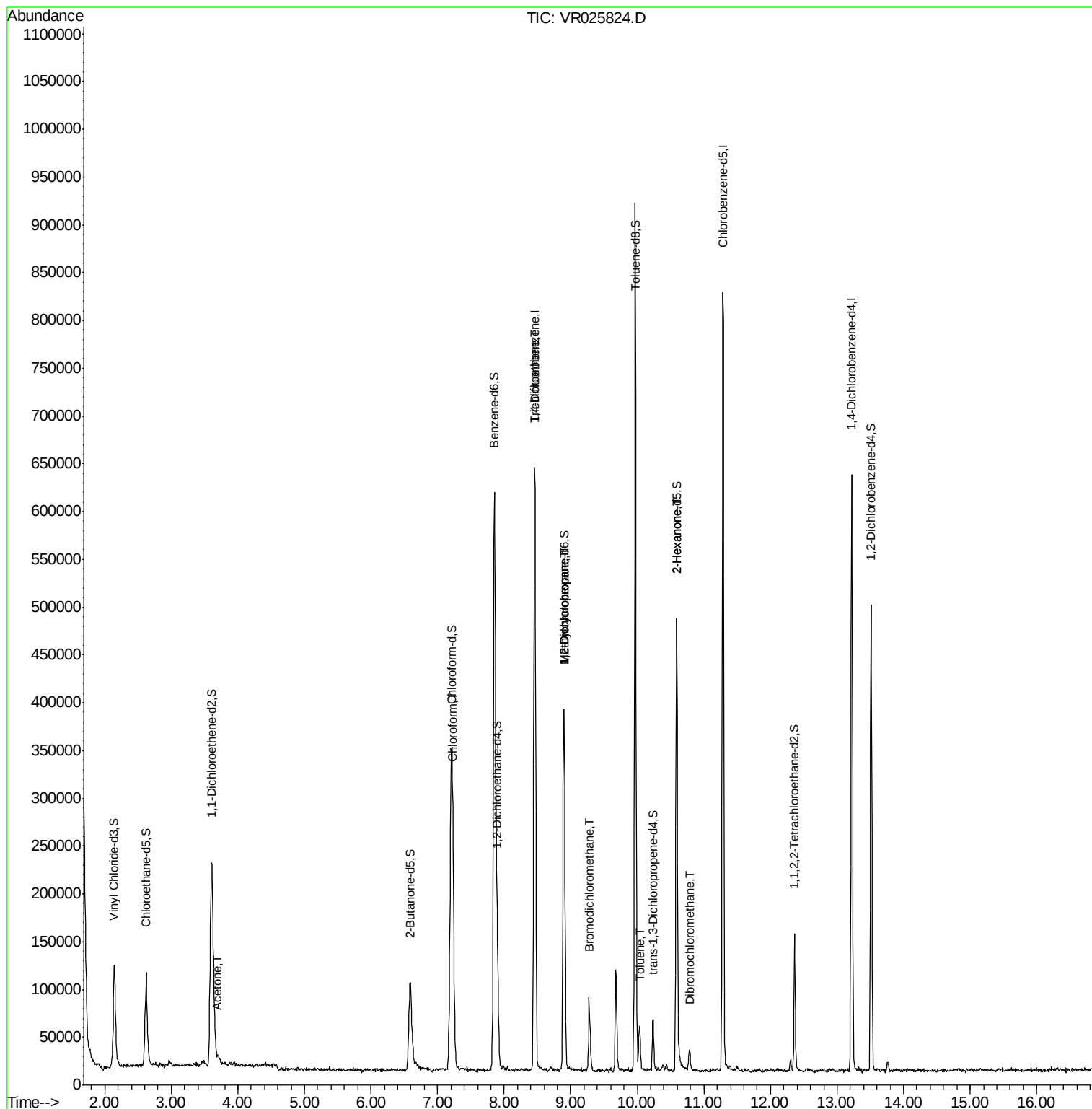
					Qvalue
13) Acetone	3.70	43	10929	3.952	ug/L 84
25) Chloroform	7.23	83	188989	2.346	ug/L 100
34) Trichloroethene	8.46	95	15594	0.327	ug/L # 15
35) Methylcyclohexane	8.90	83	40205	0.515	ug/L # 16
37) 1,2-Dichloropropane	8.89	63	20700	0.517	ug/L # 93
38) Bromodichloromethane	9.28	83	44692	1.012	ug/L 100
42) Toluene	10.03	91	27774	0.152	ug/L 85
48) 2-Hexanone	10.59	43	21462	2.343	ug/L # 84
49) Dibromochloromethane	10.79	129	8530	0.488	ug/L 99

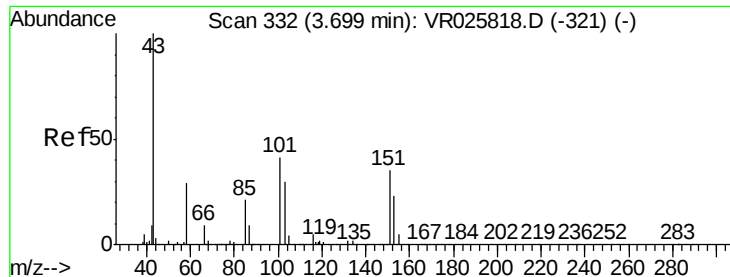
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.952 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

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Acq: 24 Sep 2018 14:52

Instrument :

MSVOA_R

ClientSampleId :

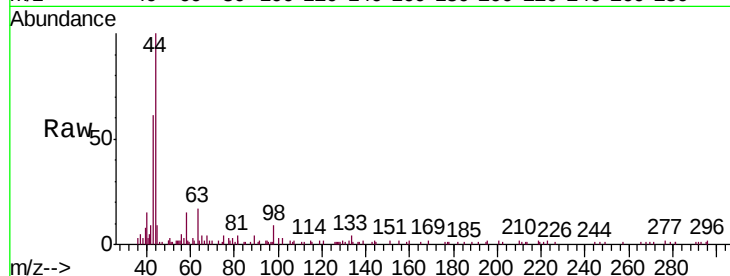
BEY75

Tgt Ion: 43 Resp: 10929

Ion Ratio Lower Upper

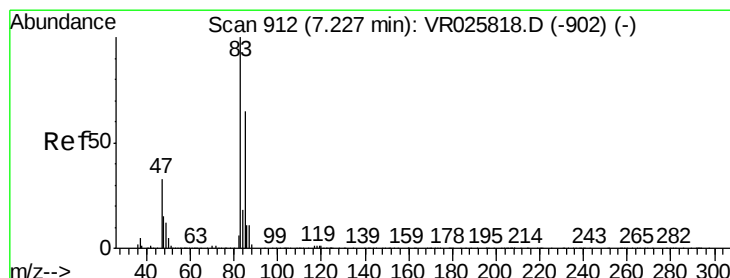
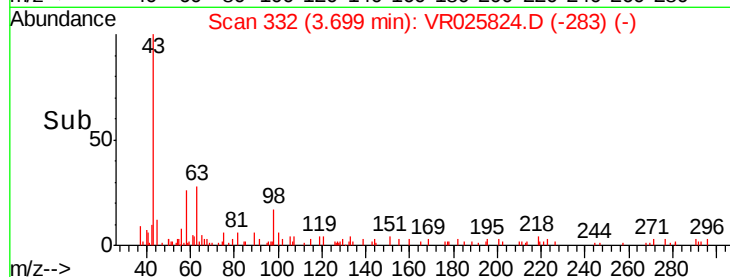
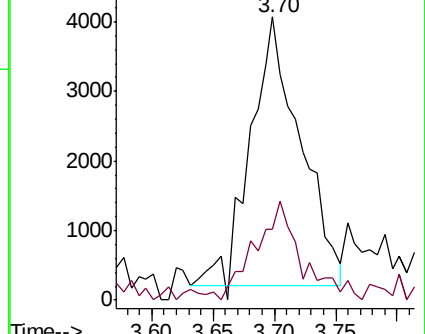
43 100

58 34.1 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#25

Chloroform

Concen: 2.346 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.01 min

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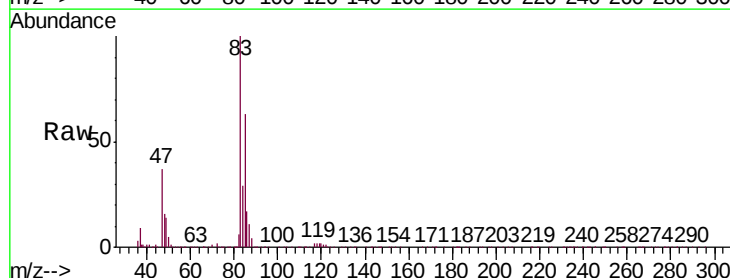
Acq: 24 Sep 2018 14:52

Tgt Ion: 83 Resp: 188989

Ion Ratio Lower Upper

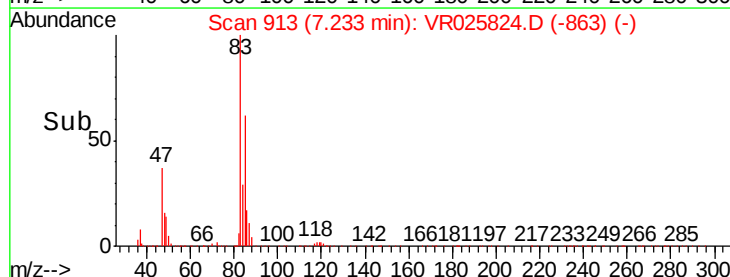
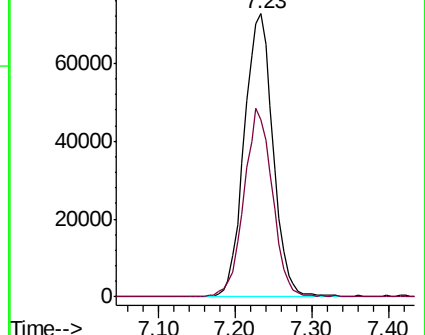
83 100

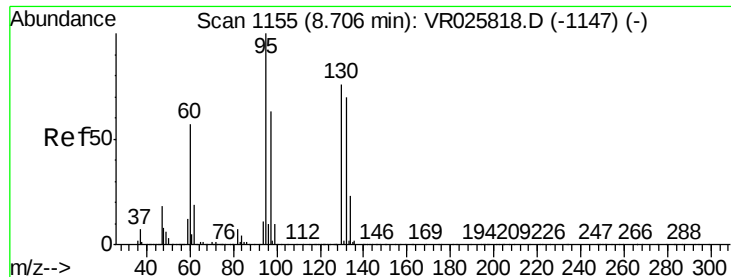
85 62.6 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0





#34

Trichloroethene

Concen: 0.327 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR025824.D

Acq: 24 Sep 2018 14:52

Instrument :

MSVOA_R

ClientSampled :

BEY75

Tgt Ion: 95 Resp: 15594

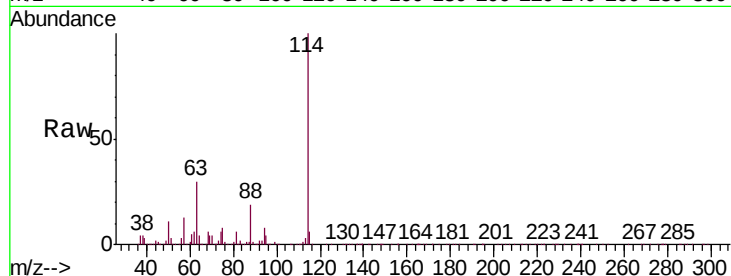
Ion Ratio Lower Upper

95 100

97 0.0 43.9 81.5#

132 2.9 53.3 98.9#

130 0.9 53.8 99.8#

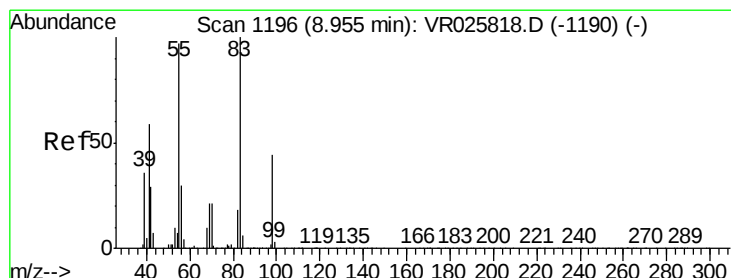
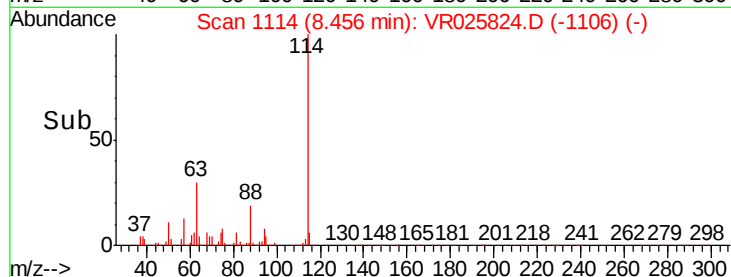
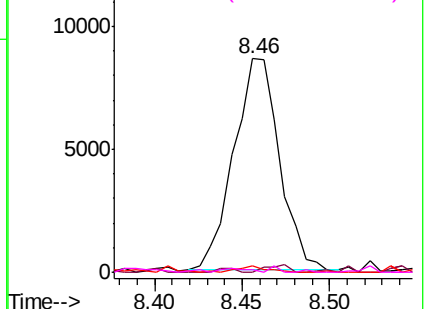


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.515 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025824.D

Acq: 24 Sep 2018 14:52

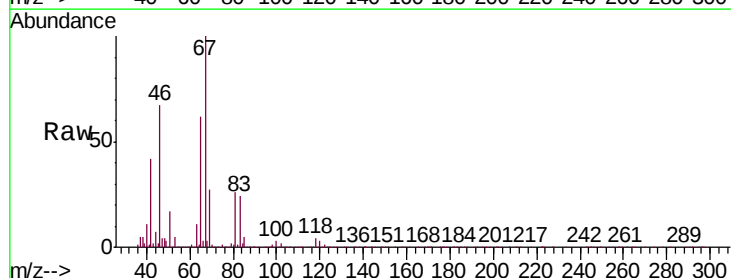
Tgt Ion: 83 Resp: 40205

Ion Ratio Lower Upper

83 100

55 1.4 71.8 107.6#

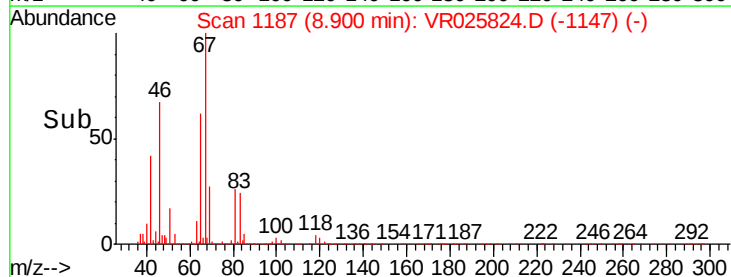
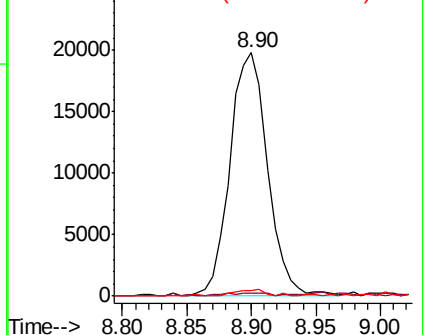
98 2.3 34.2 51.4#

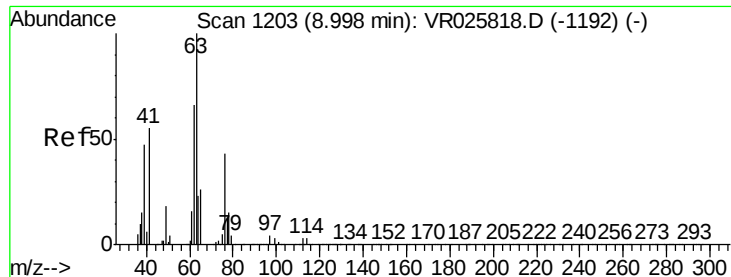


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

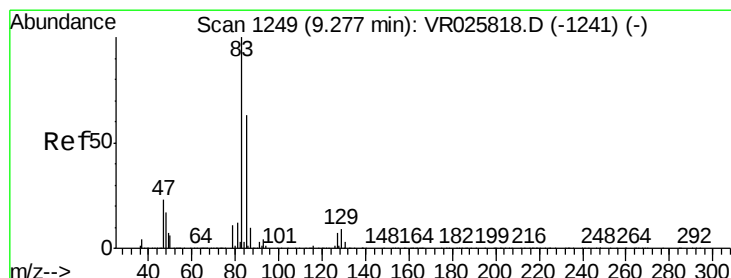
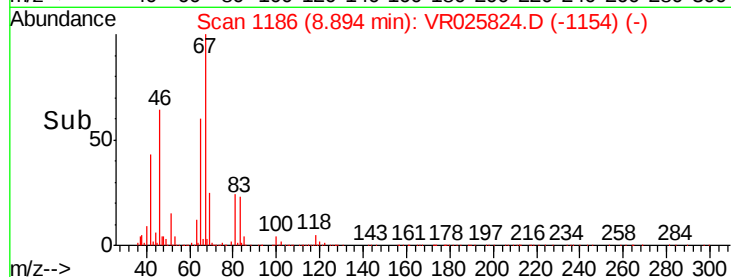
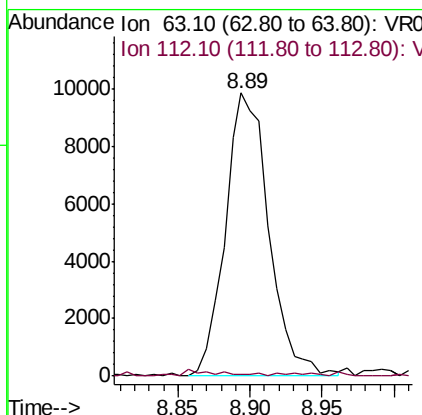
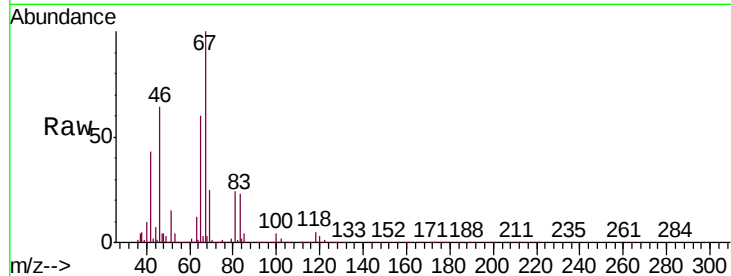




#37
 1,2-Dichloropropane
 Concen: 0.517 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR025824.D
 Acq: 24 Sep 2018 14:52

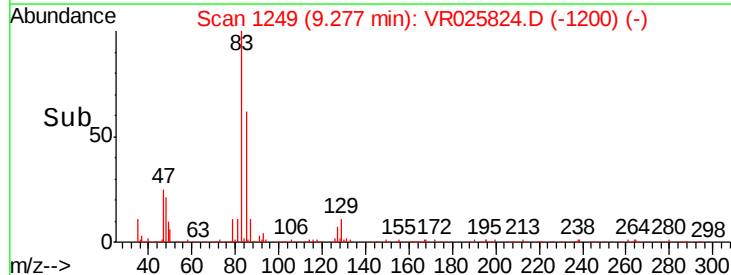
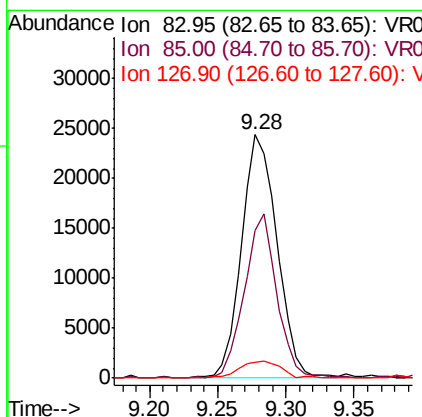
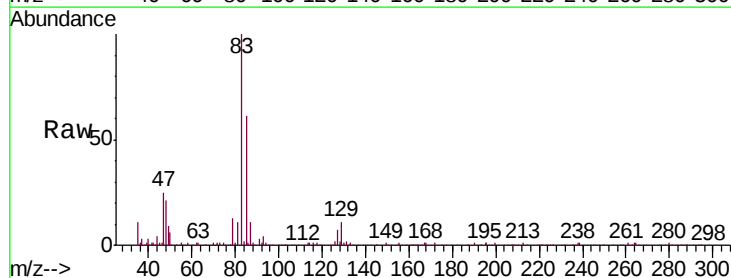
Instrument :
 MSVOA_R
 ClientSampled :
 BEY75

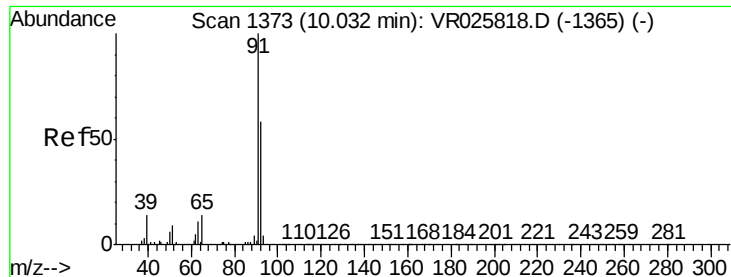
Tgt Ion: 63 Resp: 20700
 Ion Ratio Lower Upper
 63 100
 112 0.9 2.5 3.7#



#38
 Bromodichloromethane
 Concen: 1.012 ug/L
 RT: 9.28 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: VR025824.D
 Acq: 24 Sep 2018 14:52

Tgt Ion: 83 Resp: 44692
 Ion Ratio Lower Upper
 83 100
 85 60.9 42.8 79.4
 127 6.7 5.6 8.4





#42

Toluene

Concen: 0.152 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.00 min

Lab File: VR025824.D

Acq: 24 Sep 2018 14:52

Instrument :

MSVOA_R

ClientSampleId :

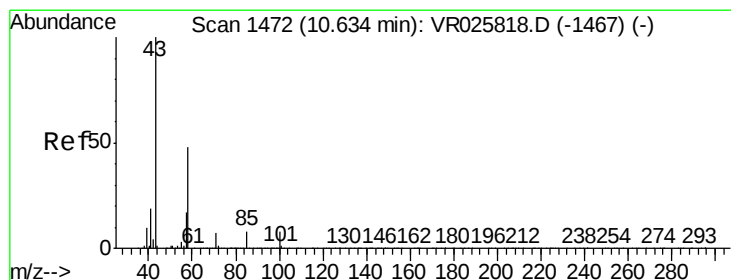
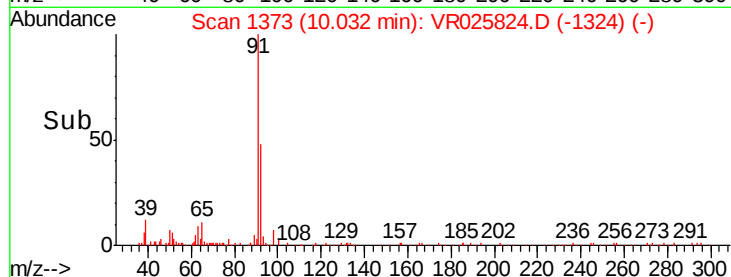
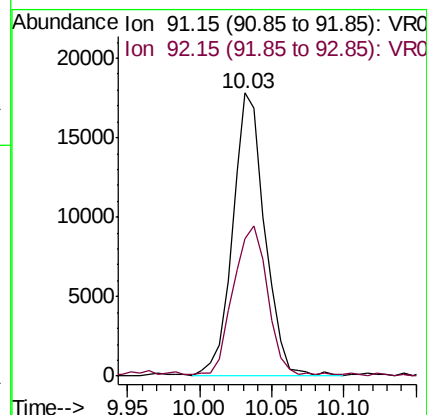
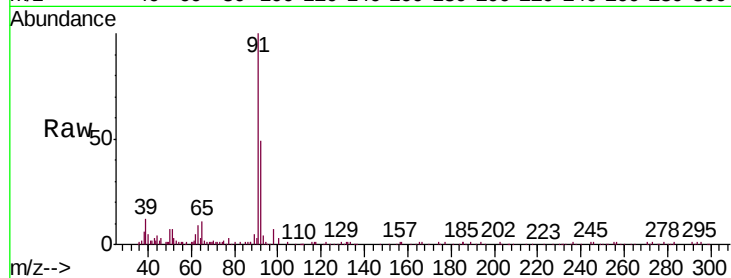
BEY75

Tgt Ion: 91 Resp: 27774

Ion Ratio Lower Upper

91 100

92 48.6 41.8 77.6



#48

2-Hexanone

Concen: 2.343 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025824.D

Acq: 24 Sep 2018 14:52

Tgt Ion: 43 Resp: 21462

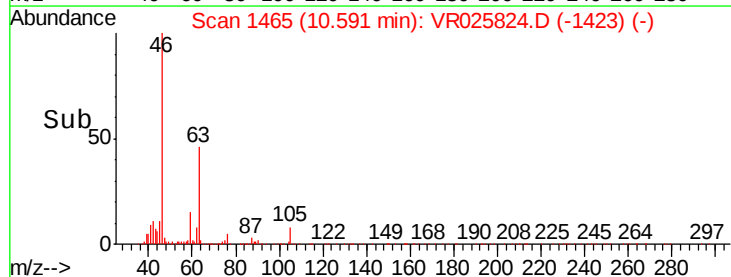
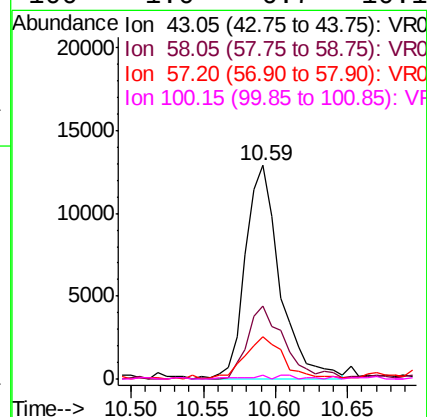
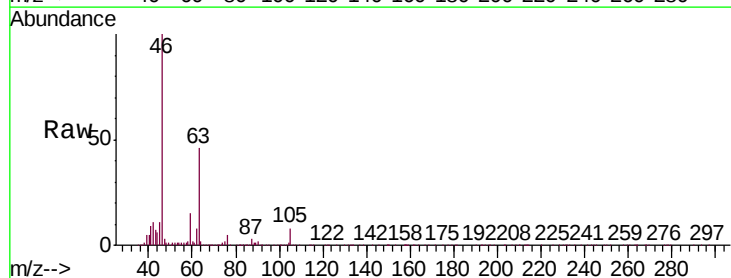
Ion Ratio Lower Upper

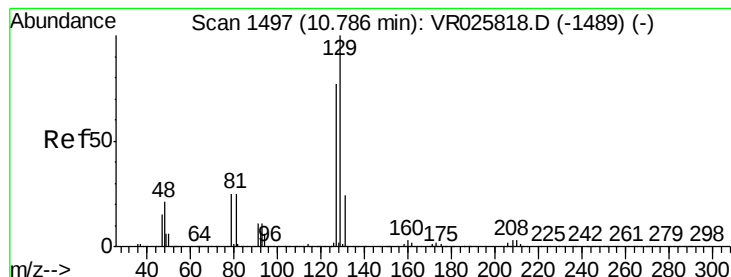
43 100

58 37.1 39.5 59.3#

57 22.5 14.6 21.8#

100 1.0 6.7 10.1#





#49

Dibromochloromethane

Concen: 0.488 ug/L

RT: 10.79 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VR025824.D

Acq: 24 Sep 2018 14:52

Instrument :

MSVOA_R

ClientSampleId :

BEY75

Tgt Ion:129 Resp: 8530

Ion Ratio Lower Upper

129 100

127 78.4 54.1 100.5

