

Data File : VR025828.D
Acq On : 24 Sep 2018 17:04
Operator : SY/MD
Sample : J5030-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEY73RE

Quant Time: Sep 25 07:33:03 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	458028	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	369047	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	122615	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	181	0.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.20%#
7) Chloroethane-d5	2.63	69	128126	4.97	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	3.63	63	36089	0.45	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	9.00%#
20) 2-Butanone-d5	6.59	46	232131	53.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.18%
24) Chloroform-d	7.20	84	300417	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	7.90	65	137420	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	7.85	84	594920	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	8.90	67	173681	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	9.97	98	4649	0.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.80%#
43) trans-1,3-Dichloropropene-	10.24	79	5717	0.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	11.00%#
46) 2-Hexanone-d5	10.59	63	166482	48.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.42%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67189	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	95012	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

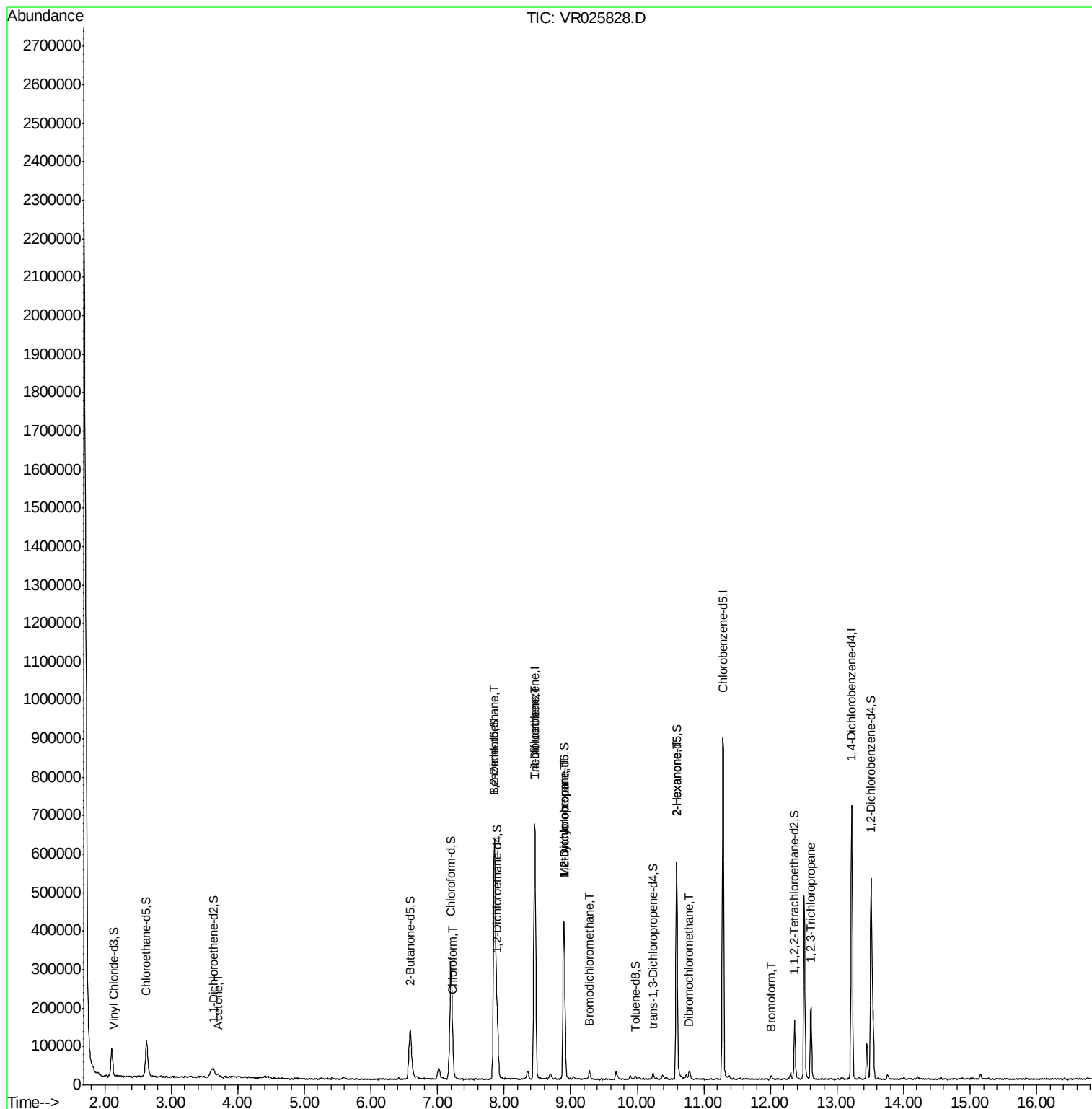
					Qvalue
13) Acetone	3.70	43	12413	4.302	ug/L 98
25) Chloroform	7.23	83	19199	0.228	ug/L 85
27) 1,2-Dichloroethane	7.85	62	4863	0.112	ug/L 98
34) Trichloroethene	8.46	95	16263	0.316	ug/L # 14
35) Methylcyclohexane	8.90	83	39627	0.470	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	22049	0.510	ug/L # 92
38) Bromodichloromethane	9.28	83	12512	0.262	ug/L # 89
48) 2-Hexanone	10.59	43	25051	2.533	ug/L # 75
49) Dibromochloromethane	10.79	129	9367	0.496	ug/L 89
59) 1,2,3-Trichloropropane	12.61	75	3455	0.245	ug/L 91
61) Bromoform	12.01	173	2213	0.387	ug/L # 40

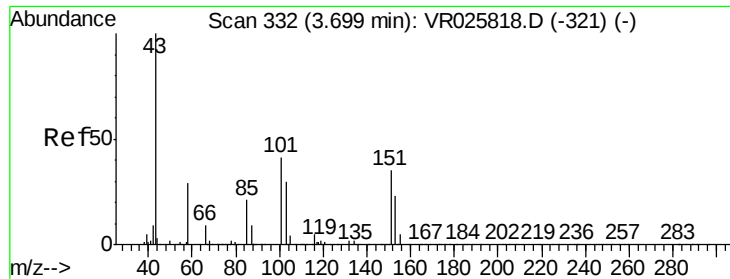
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.302 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

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MSVOA_R

ClientSampleId :

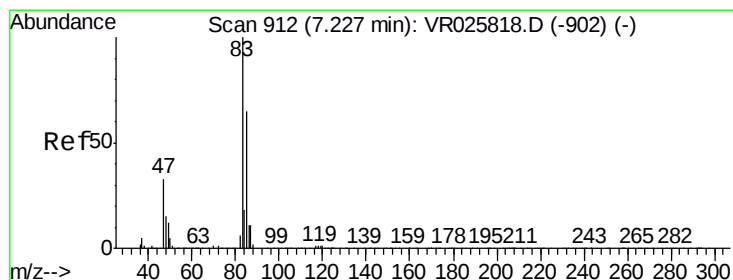
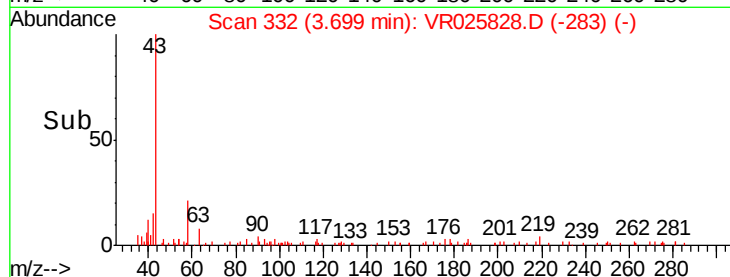
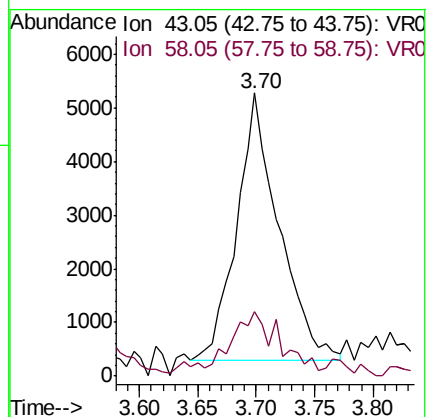
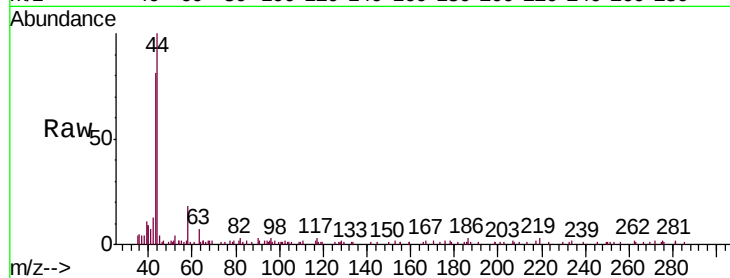
BEY73RE

Tgt Ion: 43 Resp: 12413

Ion Ratio Lower Upper

43 100

58 26.7 0.0 51.4



#25

Chloroform

Concen: 0.228 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.01 min

Lab File: VR025828.D

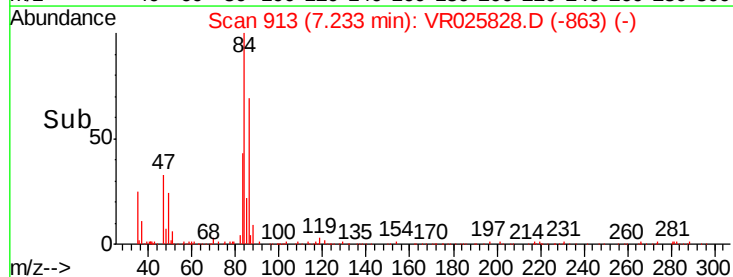
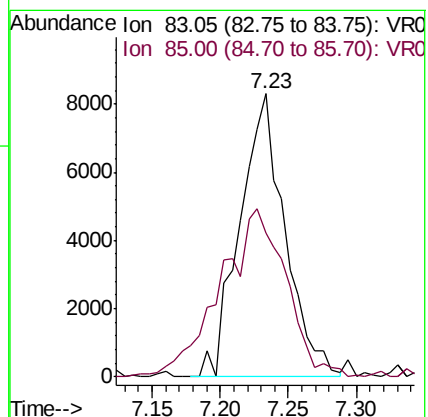
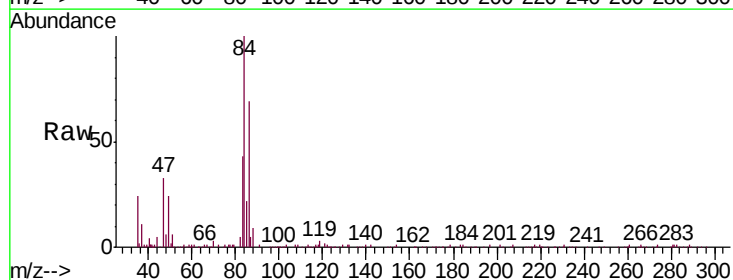
Acq: 24 Sep 2018 17:04

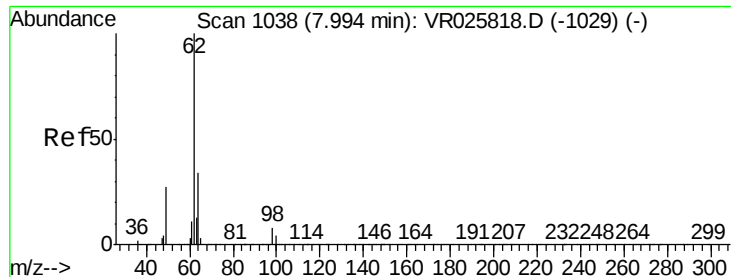
Tgt Ion: 83 Resp: 19199

Ion Ratio Lower Upper

83 100

85 50.9 43.8 81.4





#27

1,2-Dichloroethane

Concen: 0.112 ug/L

RT: 7.85 min Scan# 1015

Delta R.T. -0.14 min

Lab File: VR025828.D

Acq: 24 Sep 2018 17:04

Instrument :

MSVOA_R

ClientSampleId :

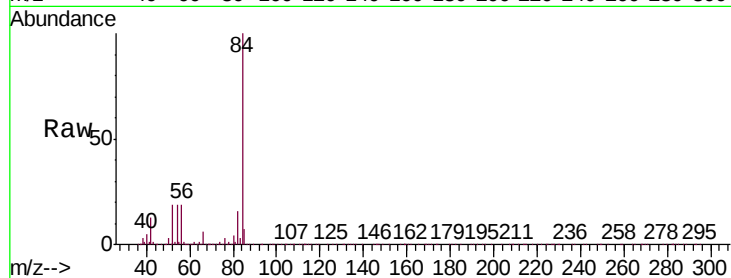
BEY73RE

Tgt Ion: 62 Resp: 4863

Ion Ratio Lower Upper

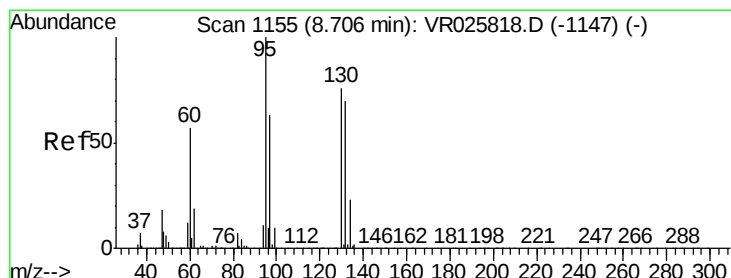
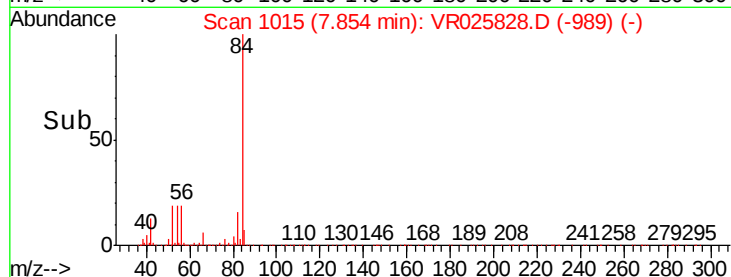
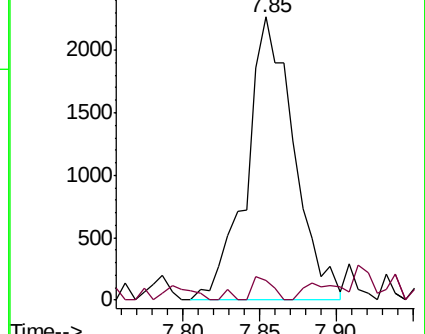
62 100

98 7.0 5.2 7.8



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0



#34

Trichloroethene

Concen: 0.316 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR025828.D

Acq: 24 Sep 2018 17:04

Tgt Ion: 95 Resp: 16263

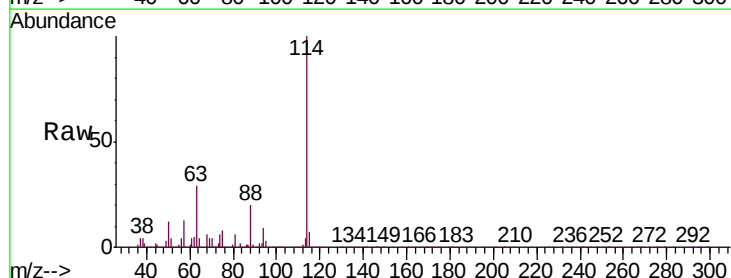
Ion Ratio Lower Upper

95 100

97 0.0 43.9 81.5#

132 0.0 53.3 98.9#

130 1.0 53.8 99.8#

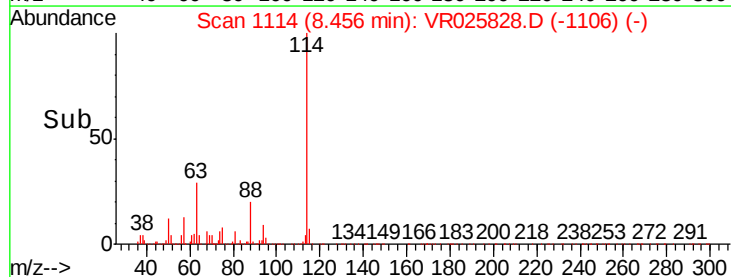
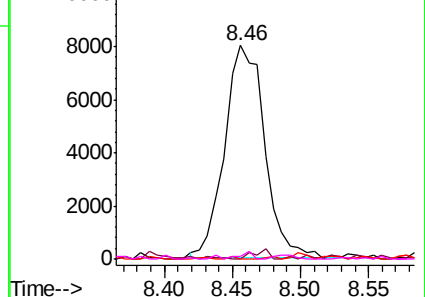


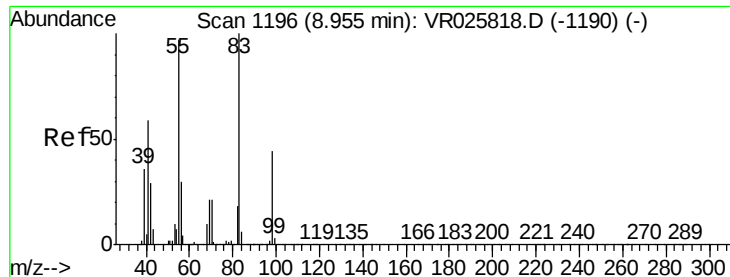
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

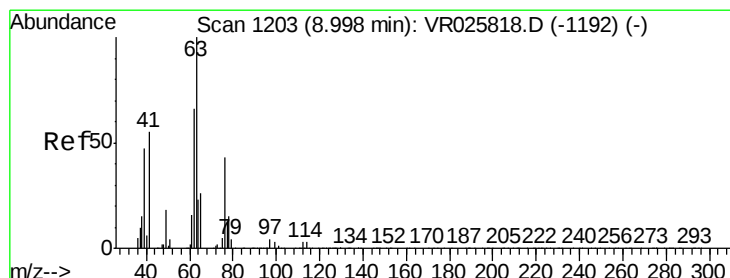
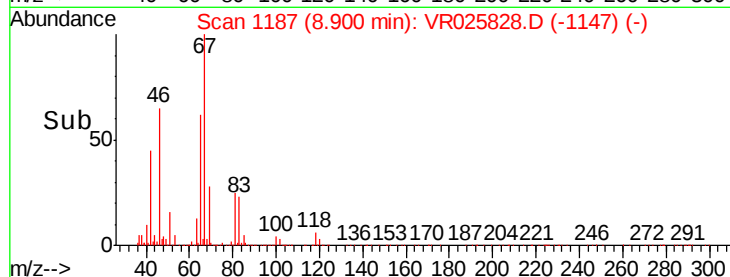
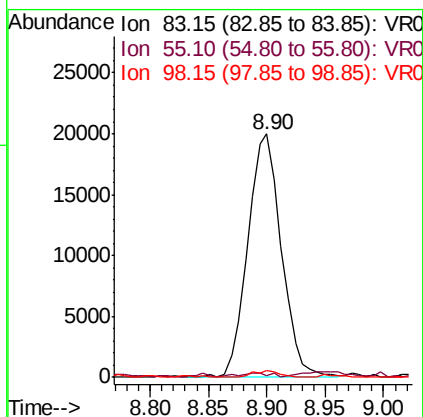
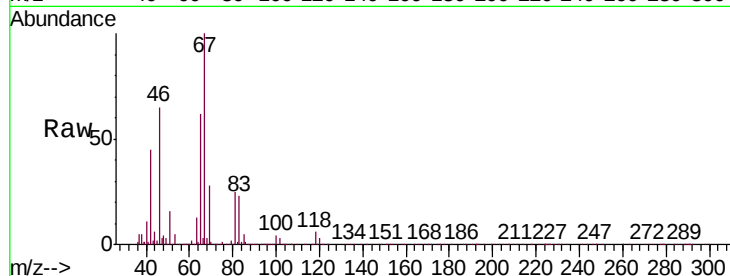




#35
Methylcyclohexane
Concen: 0.470 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025828.D
Acq: 24 Sep 2018 17:04

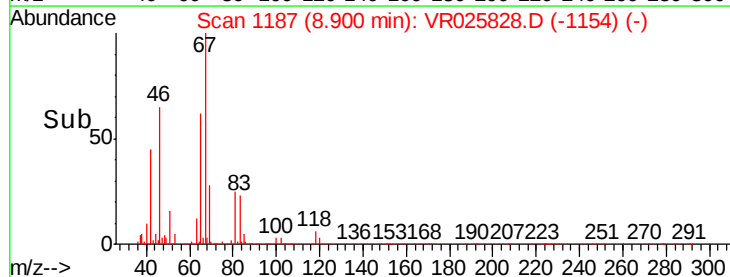
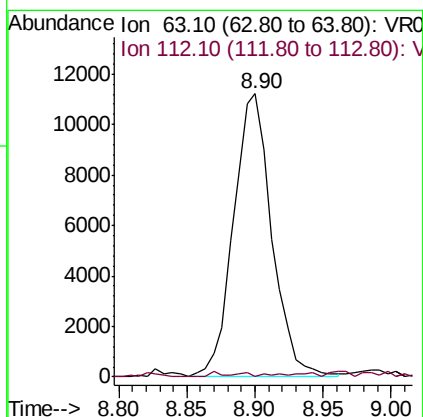
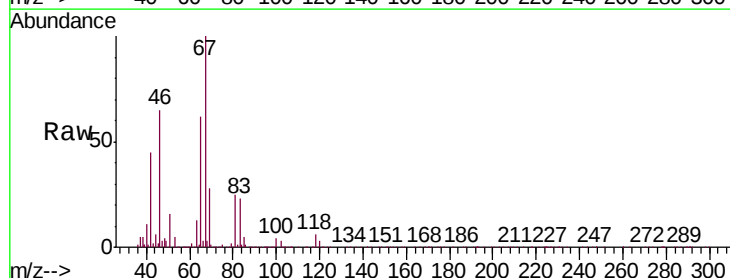
Instrument :
MSVOA_R
ClientSampleId :
BEY73RE

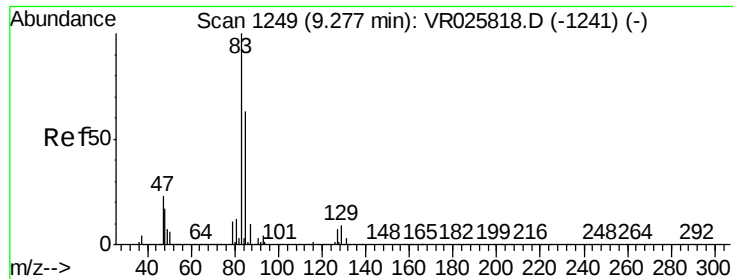
Tgt Ion: 83 Resp: 39627
Ion Ratio Lower Upper
83 100
55 1.7 71.8 107.6#
98 2.3 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025828.D
Acq: 24 Sep 2018 17:04

Tgt Ion: 63 Resp: 22049
Ion Ratio Lower Upper
63 100
112 0.5 2.5 3.7#





#38

Bromodichloromethane

Concen: 0.262 ug/L

RT: 9.28 min Scan# 1250

Delta R.T. 0.01 min

Lab File: VR025828.D

Acq: 24 Sep 2018 17:04

Instrument :

MSVOA_R

ClientSampleId :

BEY73RE

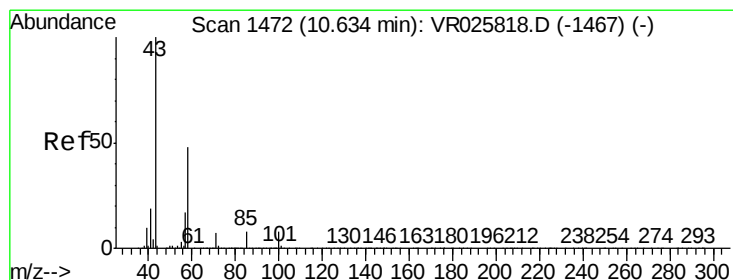
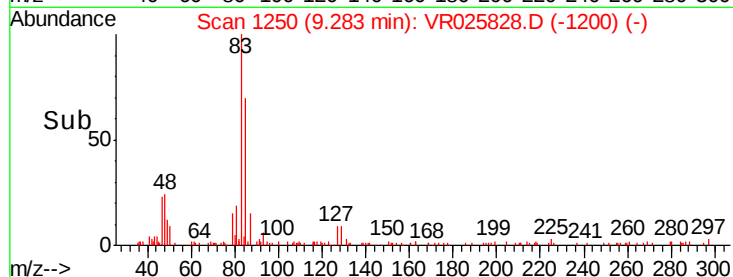
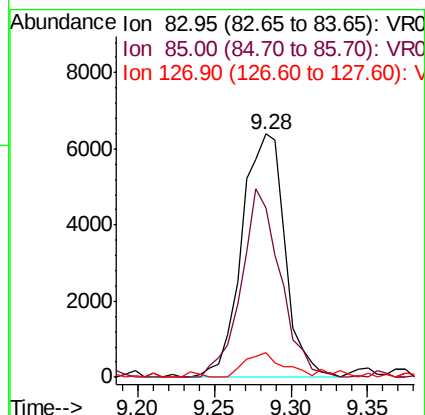
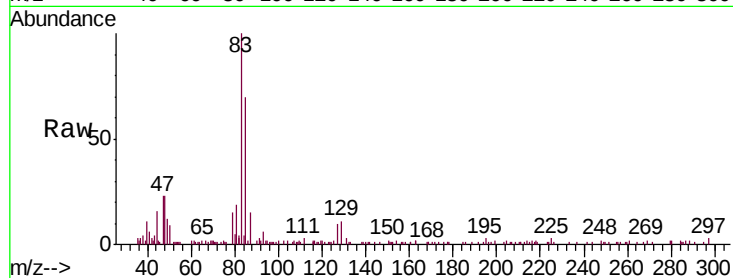
Tgt Ion: 83 Resp: 12512

Ion Ratio Lower Upper

83 100

85 69.5 42.8 79.4

127 10.2 5.6 8.4#



#48

2-Hexanone

Concen: 2.533 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025828.D

Acq: 24 Sep 2018 17:04

Tgt Ion: 43 Resp: 25051

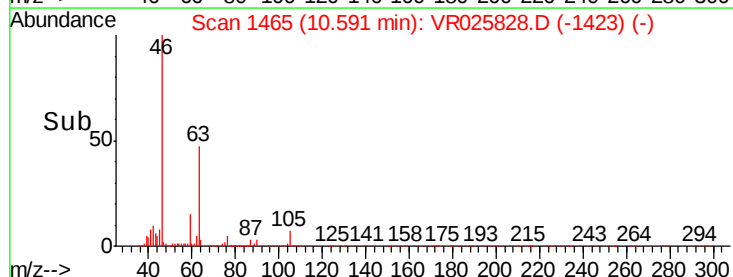
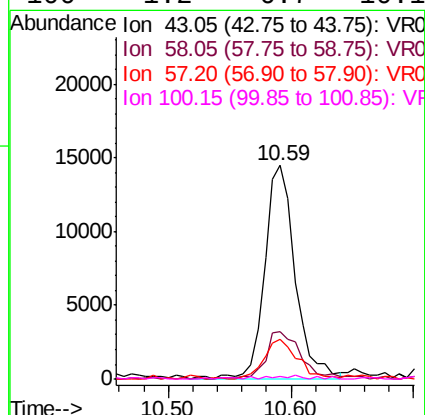
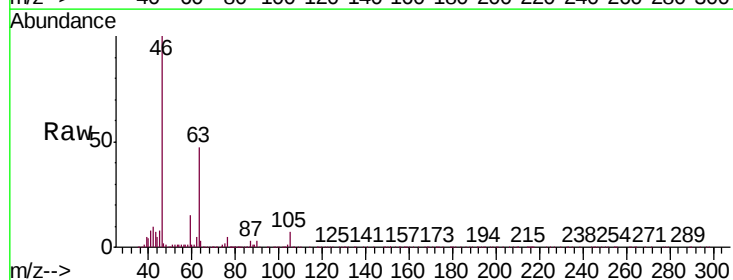
Ion Ratio Lower Upper

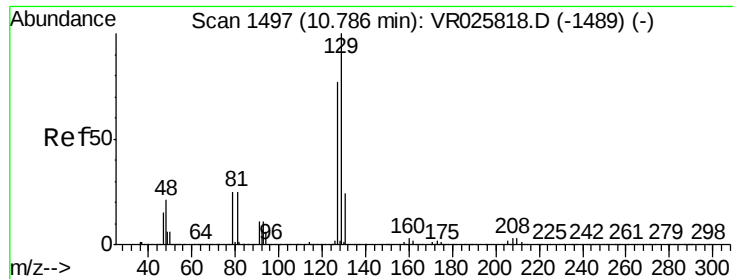
43 100

58 26.4 39.5 59.3#

57 20.5 14.6 21.8

100 1.2 6.7 10.1#





#49

Dibromochloromethane

Concen: 0.496 ug/L

RT: 10.79 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VR025828.D

Acq: 24 Sep 2018 17:04

Instrument :

MSVOA_R

ClientSampleId :

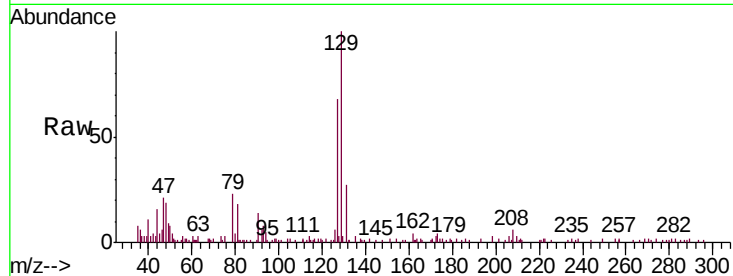
BEY73RE

Tgt Ion:129 Resp: 9367

Ion Ratio Lower Upper

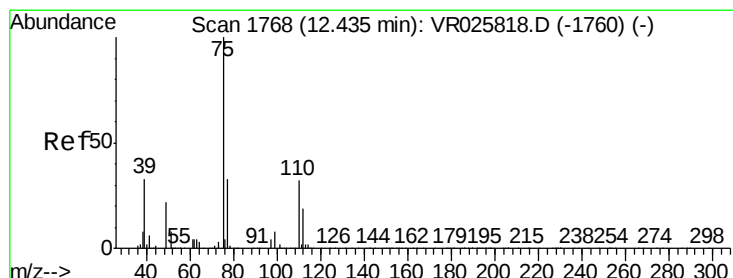
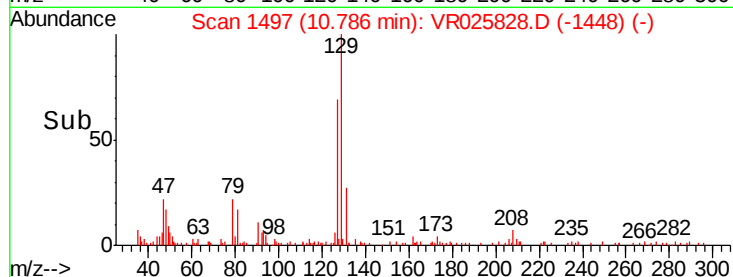
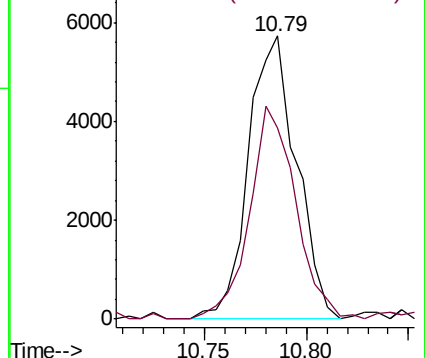
129 100

127 67.6 54.1 100.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.245 ug/L

RT: 12.61 min Scan# 1797

Delta R.T. 0.18 min

Lab File: VR025828.D

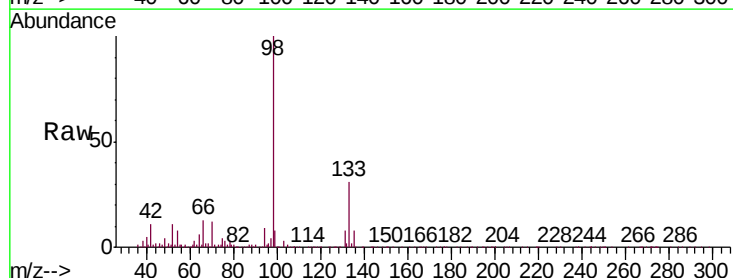
Acq: 24 Sep 2018 17:04

Tgt Ion: 75 Resp: 3455

Ion Ratio Lower Upper

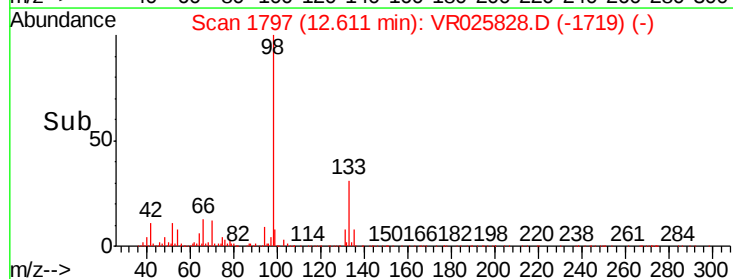
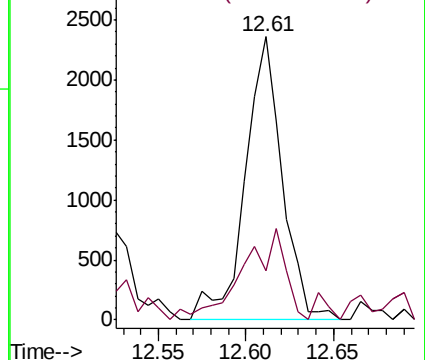
75 100

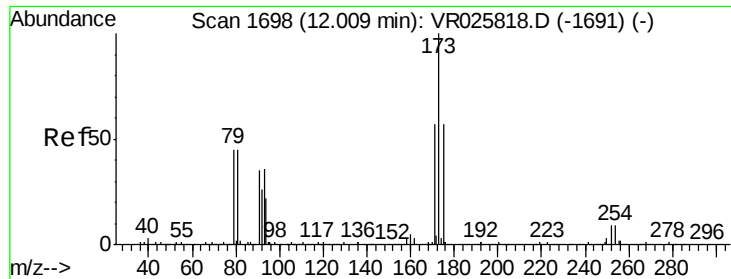
77 37.4 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VR0

Ion 77.00 (76.70 to 77.70): VR0





#61

Bromoform

Concen: 0.387 ug/L

RT: 12.01 min Scan# 1698

Delta R.T. -0.00 min

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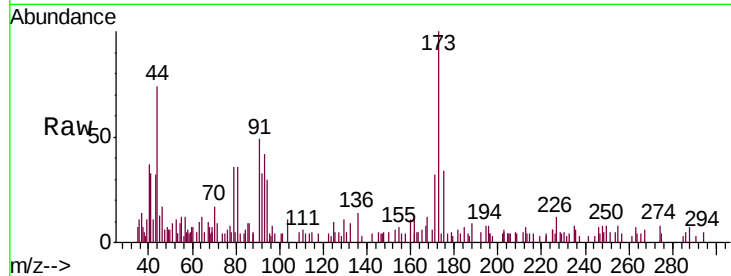
Tgt Ion:173 Resp: 2213

Ion Ratio Lower Upper

173 100

175 0.0 36.9 55.3#

254 5.2 6.6 10.0#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

