

Data File : VR025822.D
Acq On : 24 Sep 2018 13:44
Operator : SY/MD
Sample : J5030-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEY73

Quant Time: Sep 25 07:32:13 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	425357	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	468857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	126972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	257	0.01	ug/L	0.19
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.20%#
7) Chloroethane-d5	2.63	69	130773	5.47	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	3.62	63	560	0.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.20%#
20) 2-Butanone-d5	6.59	46	198180	48.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.62%
24) Chloroform-d	7.20	84	300883	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.89	65	135731	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	7.85	84	316378	1.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	36.40%#
36) 1,2-Dichloropropane-d6	8.90	67	172705	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.80%
41) Toluene-d8	9.96	98	627	0.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloropropene-	10.42	79	279	0.02	ug/L	0.18
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.40%#
46) 2-Hexanone-d5	10.59	63	140319	31.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63112	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	97261	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

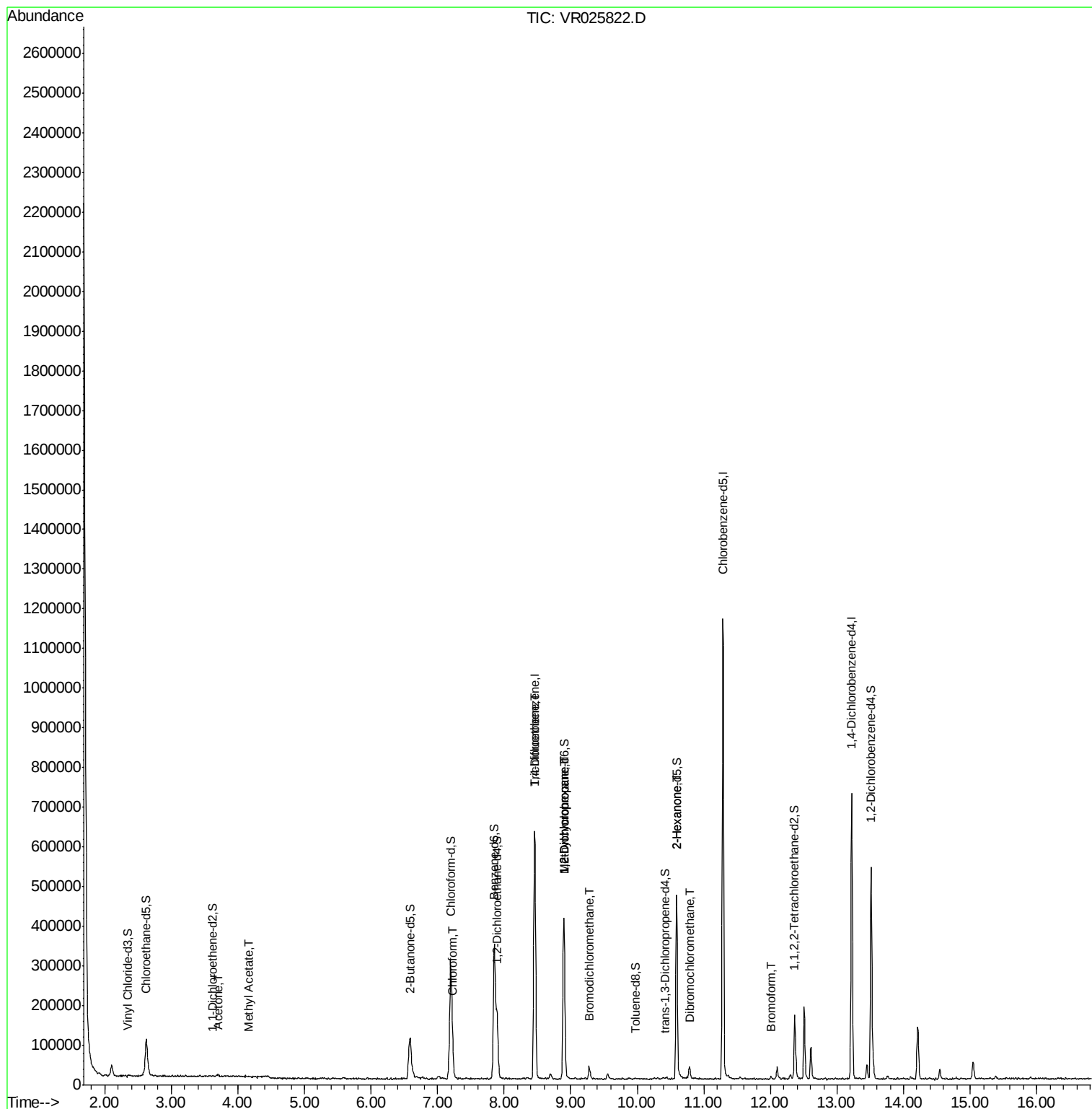
					Qvalue
13) Acetone	3.70	43	7464	2.786	ug/L 88
15) Methyl Acetate	4.17	43	740	0.086	ug/L # 52
25) Chloroform	7.23	83	25083	0.321	ug/L 98
34) Trichloroethene	8.46	95	15184	0.232	ug/L # 13
35) Methylcyclohexane	8.89	83	41798	0.390	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	22394	0.408	ug/L # 91
38) Bromodichloromethane	9.28	83	20932	0.345	ug/L 94
48) 2-Hexanone	10.59	43	20540	1.635	ug/L # 74
49) Dibromochloromethane	10.79	129	12490	0.521	ug/L 100
61) Bromoform	12.01	173	2563	0.433	ug/L # 80

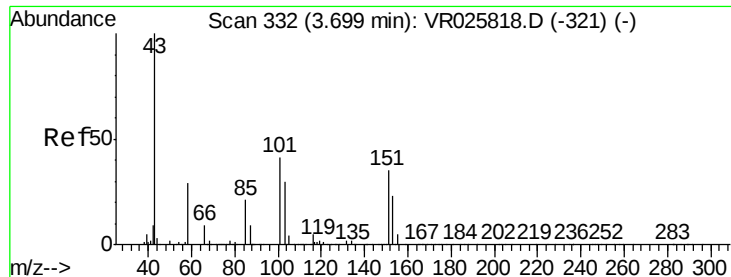
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.786 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

Lab File: VR025822.D

Acq: 24 Sep 2018 13:44

Instrument :

MSVOA_R

ClientSampleId :

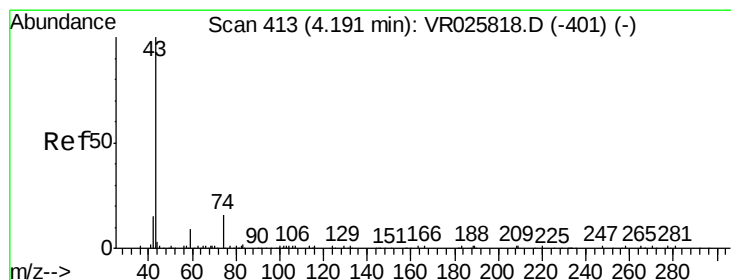
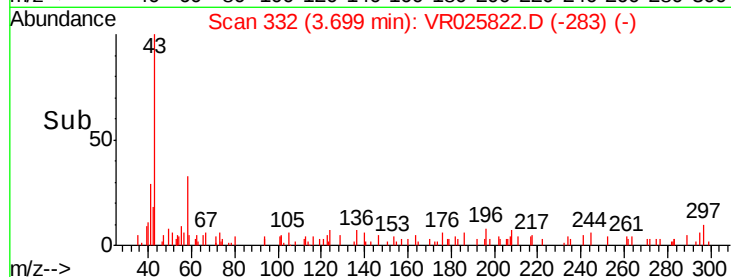
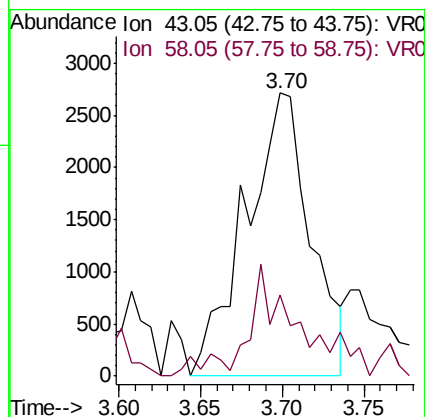
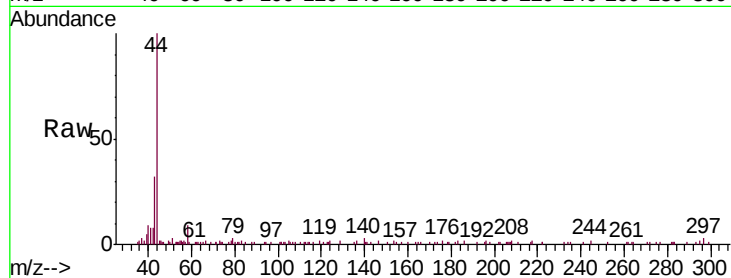
BEY73

Tgt Ion: 43 Resp: 7464

Ion Ratio Lower Upper

43 100

58 31.8 0.0 51.4



#15

Methyl Acetate

Concen: 0.086 ug/L

RT: 4.17 min Scan# 410

Delta R.T. -0.02 min

Lab File: VR025822.D

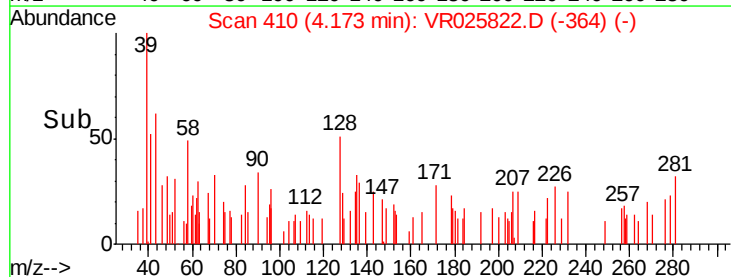
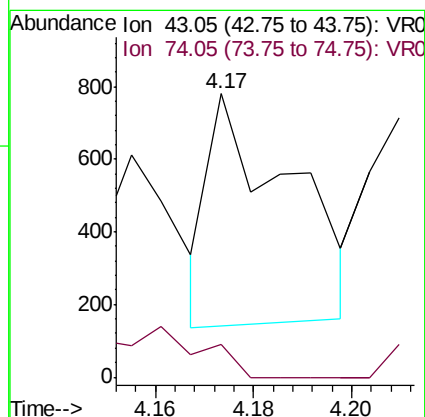
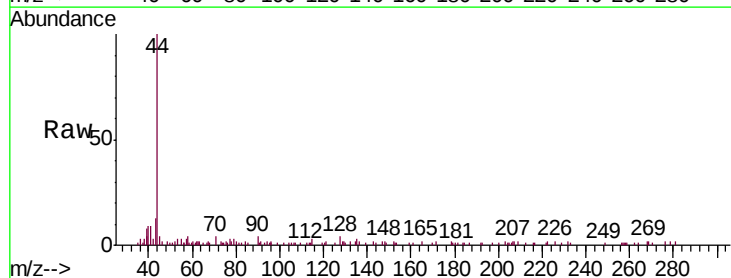
Acq: 24 Sep 2018 13:44

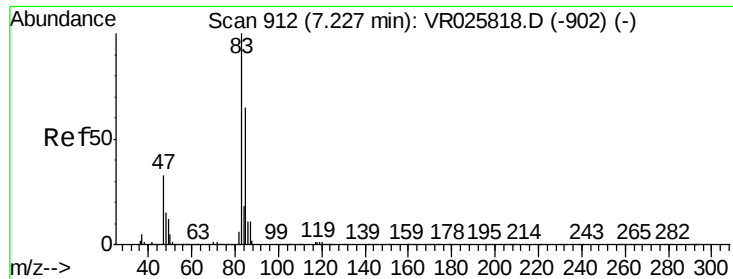
Tgt Ion: 43 Resp: 740

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#

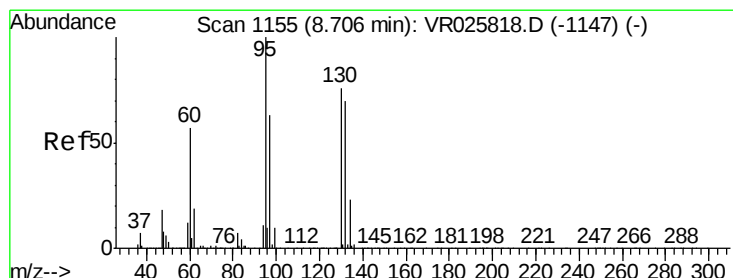
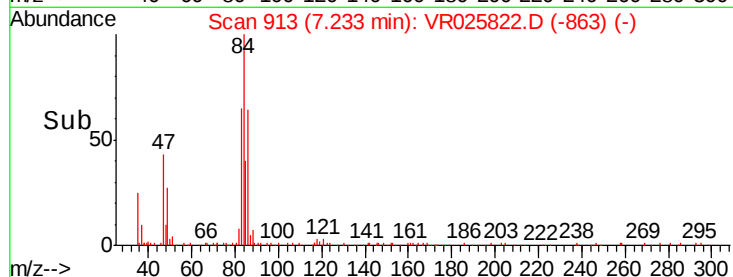
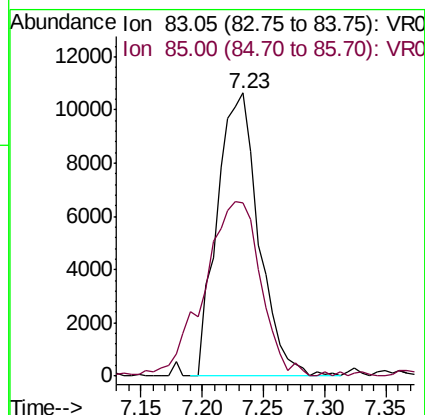
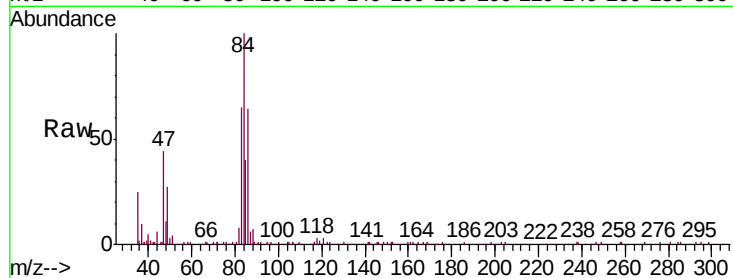




#25
Chloroform
Concen: 0.321 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.01 min
Lab File: VR025822.D
Acq: 24 Sep 2018 13:44

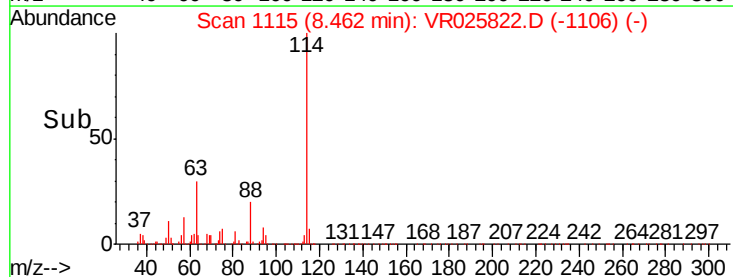
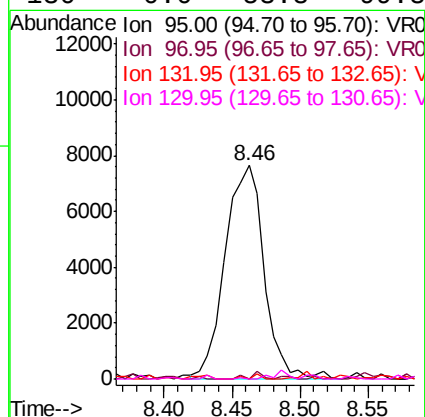
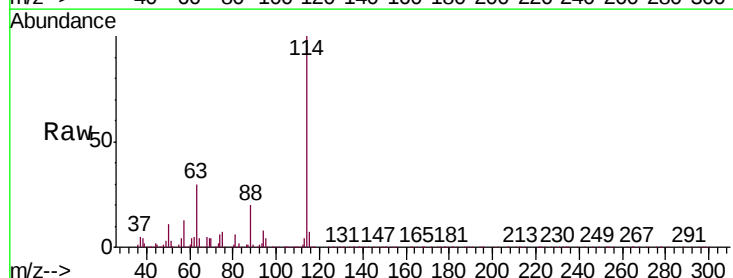
Instrument :
MSVOA_R
ClientSampleId :
BEY73

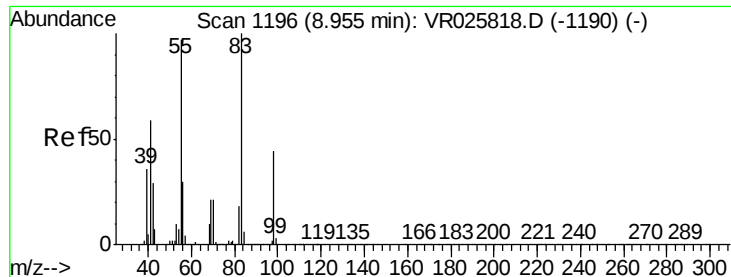
Tgt Ion: 83 Resp: 25083
Ion Ratio Lower Upper
83 100
85 61.4 43.8 81.4



#34
Trichloroethene
Concen: 0.232 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.24 min
Lab File: VR025822.D
Acq: 24 Sep 2018 13:44

Tgt Ion: 95 Resp: 15184
Ion Ratio Lower Upper
95 100
97 0.0 43.9 81.5#
132 0.0 53.3 98.9#
130 0.0 53.8 99.8#

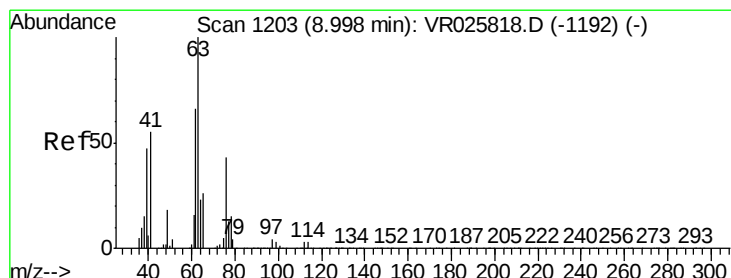
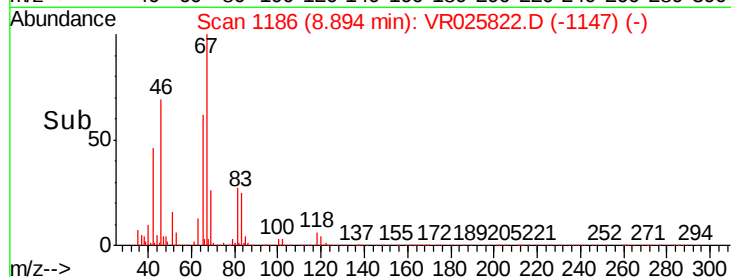
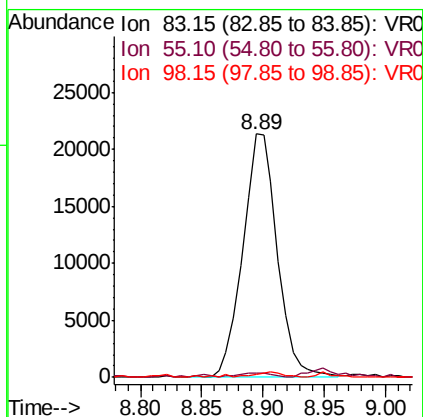
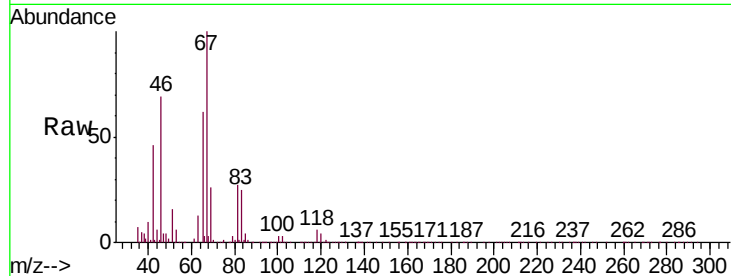




#35
Methylcyclohexane
Concen: 0.390 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR025822.D
Acq: 24 Sep 2018 13:44

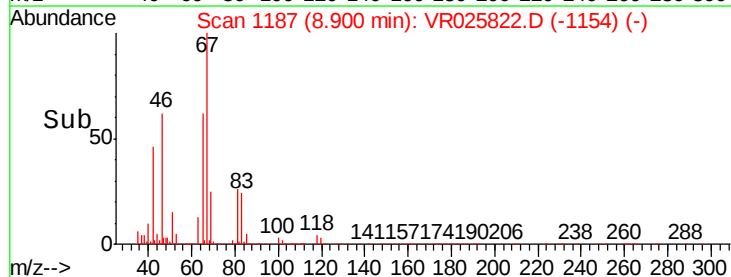
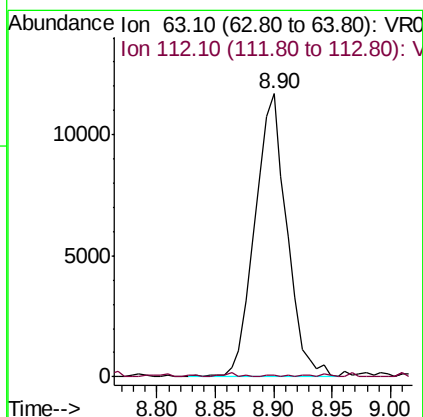
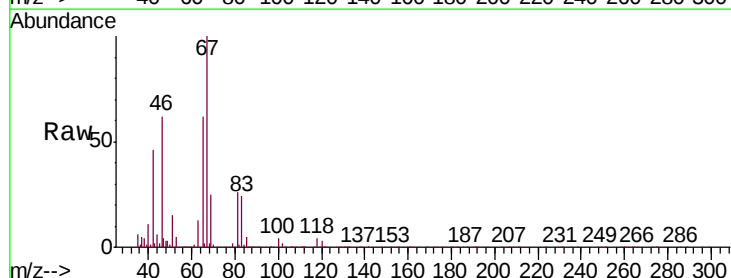
Instrument :
MSVOA_R
ClientSampleId :
BEY73

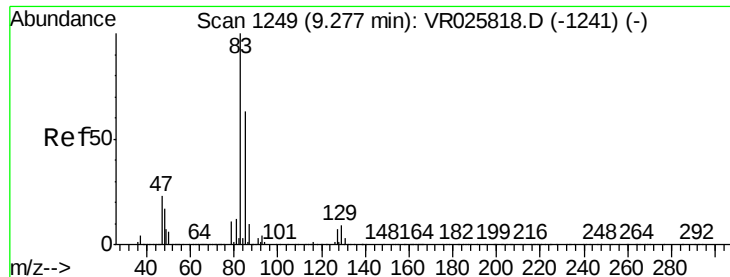
Tgt Ion: 83 Resp: 41798
Ion Ratio Lower Upper
83 100
55 1.8 71.8 107.6#
98 1.8 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.408 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025822.D
Acq: 24 Sep 2018 13:44

Tgt Ion: 63 Resp: 22394
Ion Ratio Lower Upper
63 100
112 0.2 2.5 3.7#





#38

Bromodichloromethane

Concen: 0.345 ug/L

RT: 9.28 min Scan# 1250

Delta R.T. 0.01 min

Lab File: VR025822.D

Acq: 24 Sep 2018 13:44

Instrument :

MSVOA_R

ClientSampleId :

BEY73

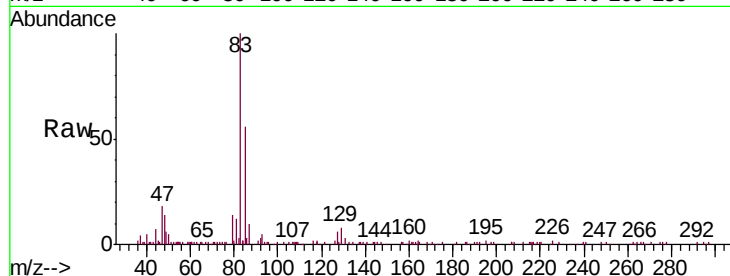
Tgt Ion: 83 Resp: 20932

Ion Ratio Lower Upper

83 100

85 56.3 42.8 79.4

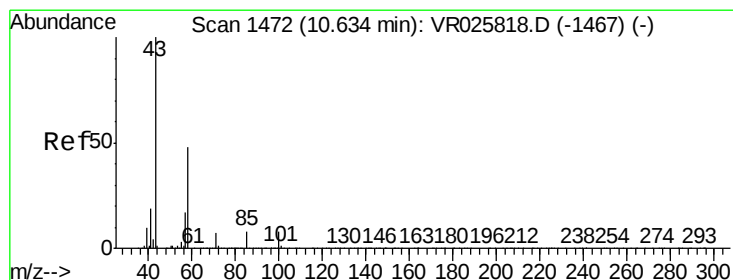
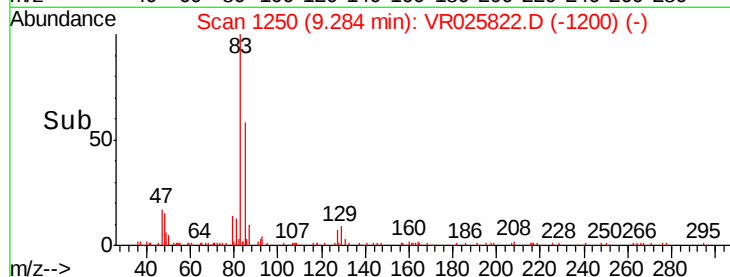
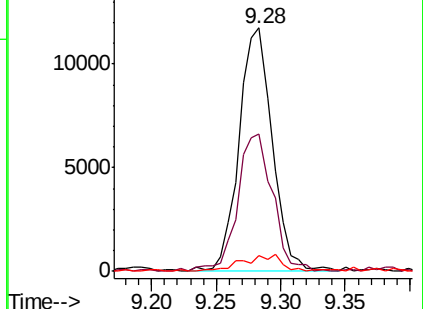
127 6.4 5.6 8.4



Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 126.90 (126.60 to 127.60): V



#48

2-Hexanone

Concen: 1.635 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR025822.D

Acq: 24 Sep 2018 13:44

Tgt Ion: 43 Resp: 20540

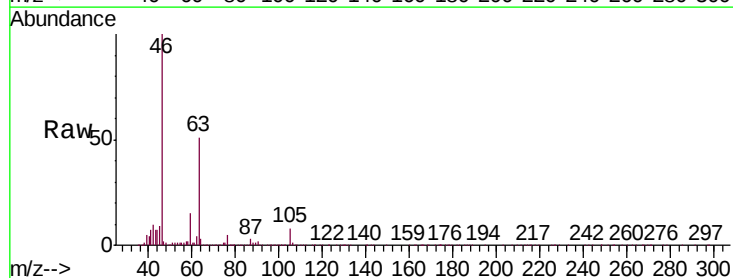
Ion Ratio Lower Upper

43 100

58 26.1 39.5 59.3#

57 21.0 14.6 21.8

100 2.0 6.7 10.1#

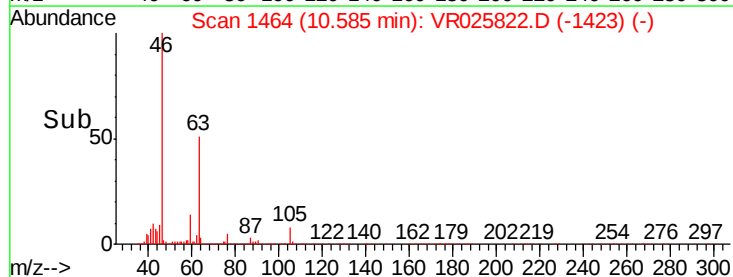
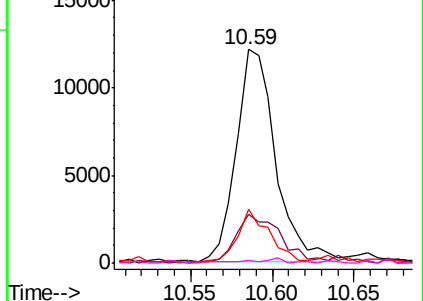


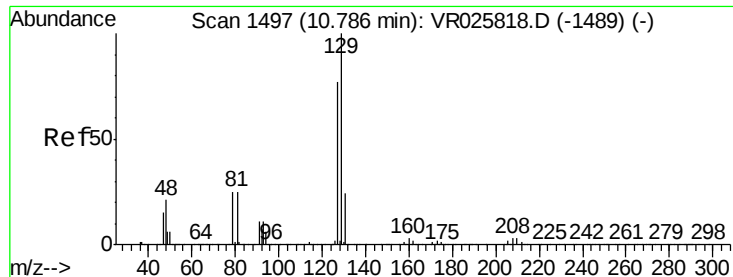
Abundance Ion 43.05 (42.75 to 43.75): VR0

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





#49

Dibromochloromethane

Concen: 0.521 ug/L

RT: 10.79 min Scan# 1497

Delta R.T. 0.00 min

Lab File: VR025822.D

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ClientSampleId :

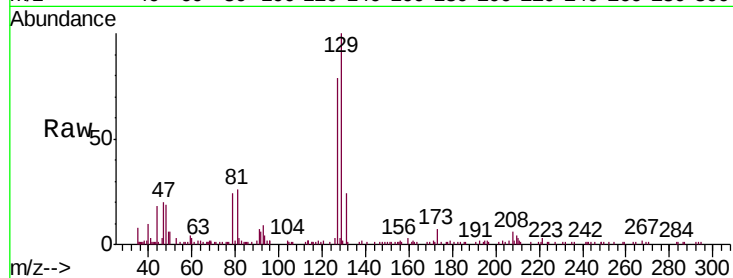
BEY73

Tgt Ion:129 Resp: 12490

Ion Ratio Lower Upper

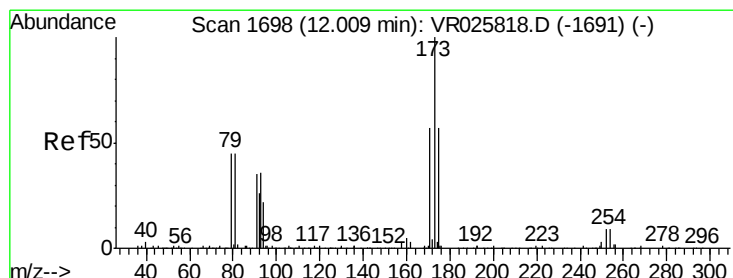
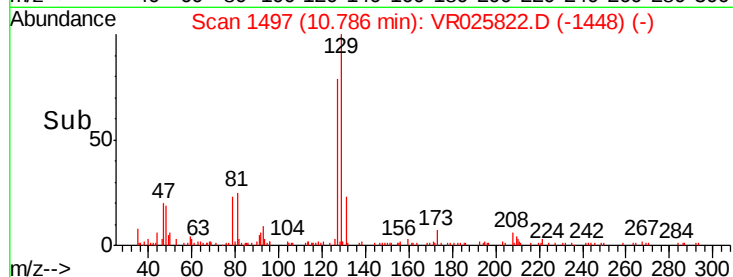
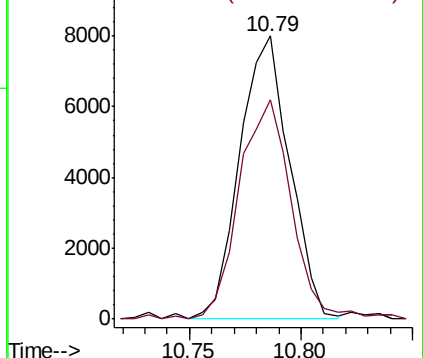
129 100

127 77.7 54.1 100.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#61

Bromoform

Concen: 0.433 ug/L

RT: 12.01 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VR025822.D

Acq: 24 Sep 2018 13:44

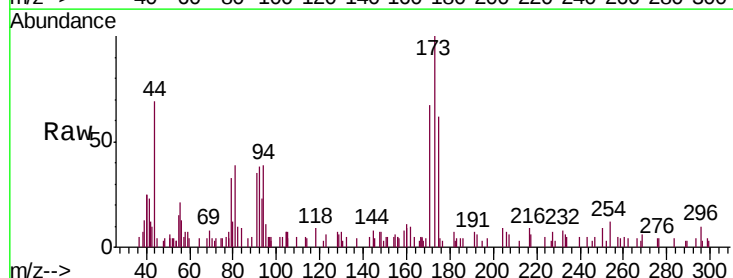
Tgt Ion:173 Resp: 2563

Ion Ratio Lower Upper

173 100

175 59.6 36.9 55.3#

254 15.5 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

