

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092718\
 Data File : VR025891.D
 Acq On : 28 Sep 2018 00:58
 Operator : SY/MD
 Sample : J5062-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 28 05:46:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 05:44:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	468915	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	384954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	131285	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	198397	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	2.63	69	159817	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	3.63	63	337819	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	6.59	46	201147	48.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	7.20	84	300442	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.90	65	132764	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.85	84	629279	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	8.90	67	169352	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	9.97	98	566573	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	10.24	79	30944	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	10.59	63	152396	50.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66306	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	102958	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

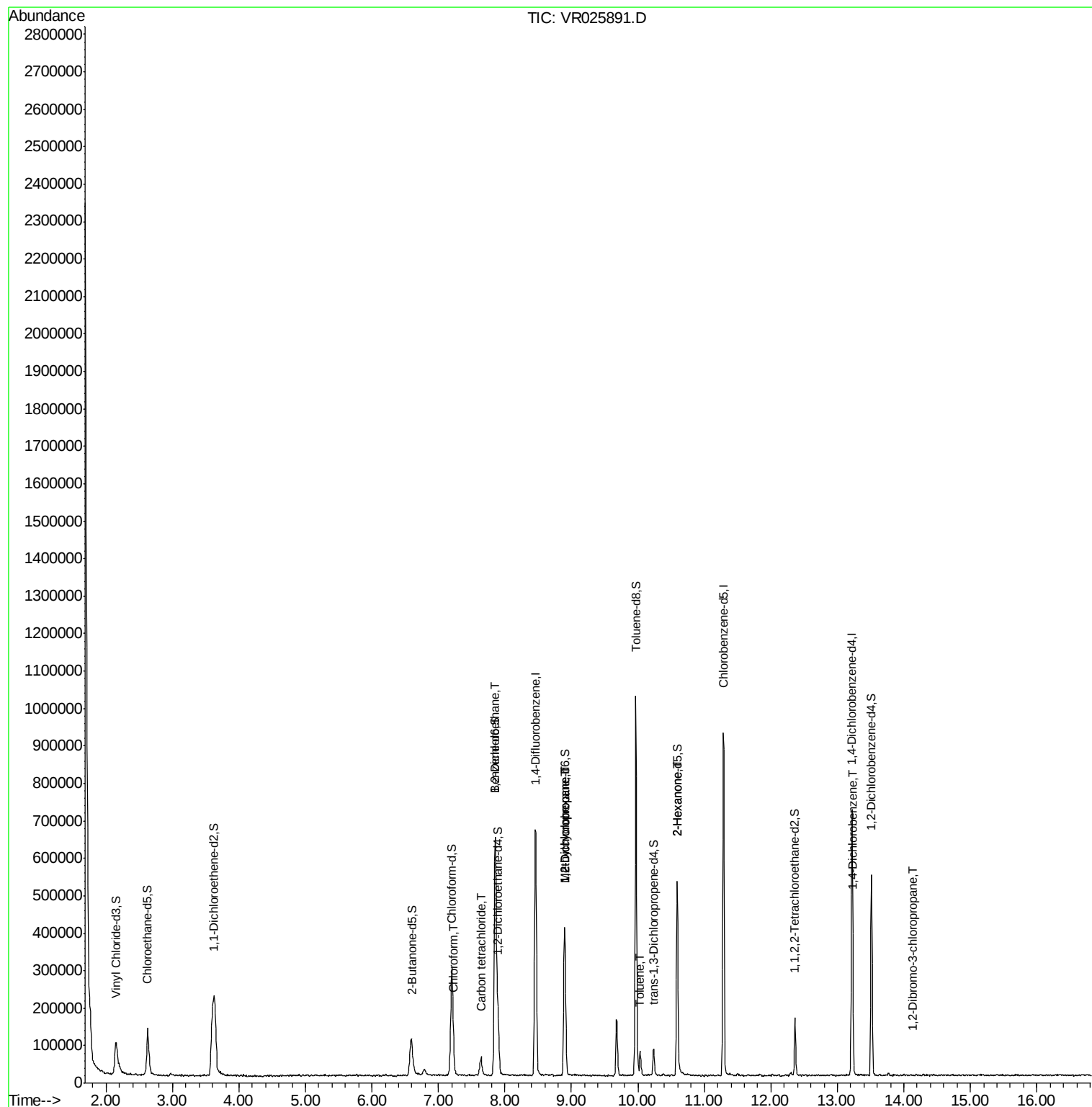
					Ovalue
25) Chloroform	7.23	83	7320	0.130 ug/L	85
27) 1,2-Dichloroethane	7.85	62	4832	0.172 ug/L	98
31) Carbon tetrachloride	7.64	117	32950	0.879 ug/L	94
35) Methylcyclohexane	8.89	83	39831	0.779 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	20405	0.737 ug/L #	92
42) Toluene	10.03	91	36738	0.274 ug/L	92
48) 2-Hexanone	10.59	43	23480	3.682 ug/L #	70
63) 1,4-Dichlorobenzene	13.24	146	2141	0.055 ug/L	85
66) 1,2-Dibromo-3-chloropropan	14.13	75	226	0.174 ug/L #	53

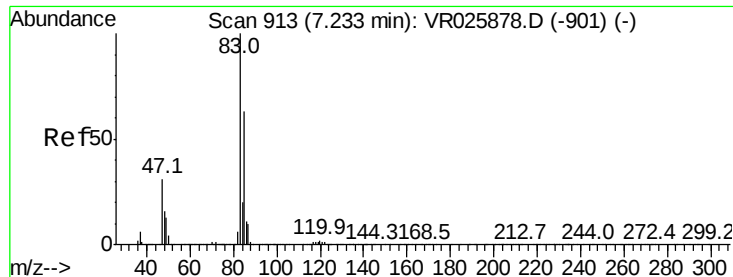
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 28 05:44:06 2018
Response via : Initial Calibration





#25

Chloroform

Concen: 0.130 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.00 min

Lab File: VR025891.D

Acq: 28 Sep 2018 00:58

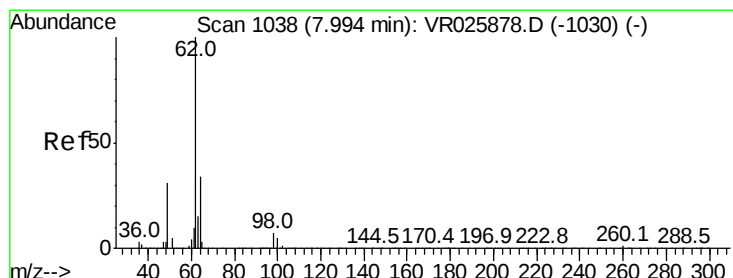
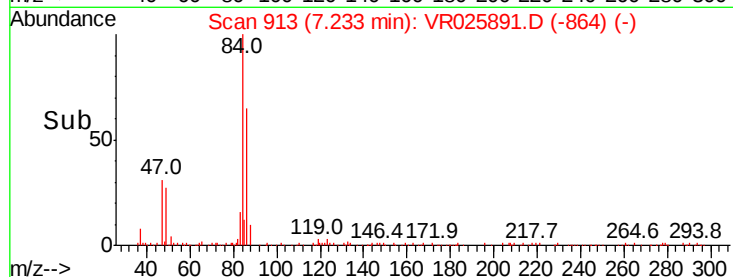
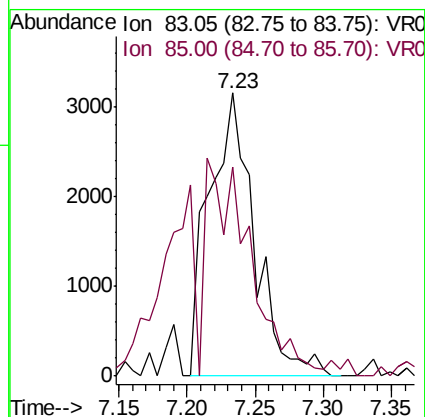
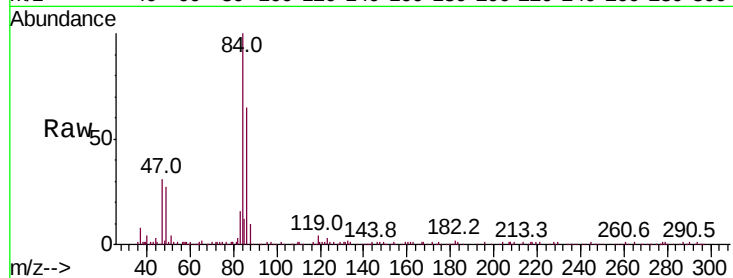
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 83 Resp: 7320

Ion Ratio Lower Upper

83 100

85 73.9 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.172 ug/L

RT: 7.85 min Scan# 1014

Delta R.T. -0.15 min

Lab File: VR025891.D

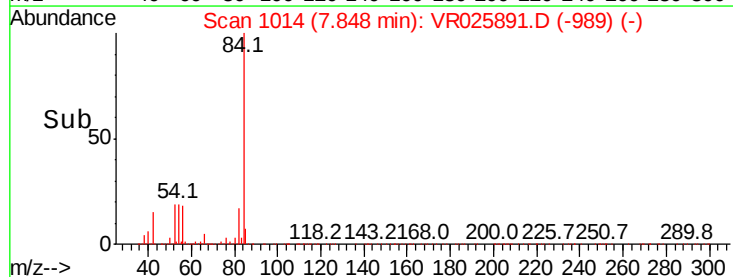
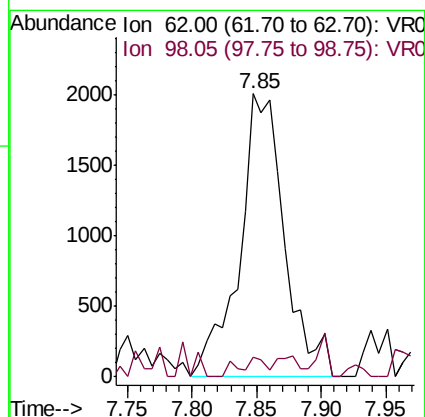
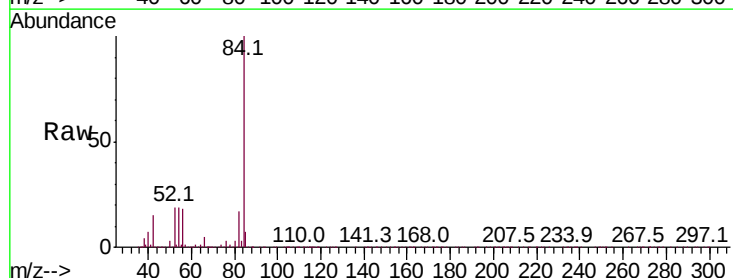
Acq: 28 Sep 2018 00:58

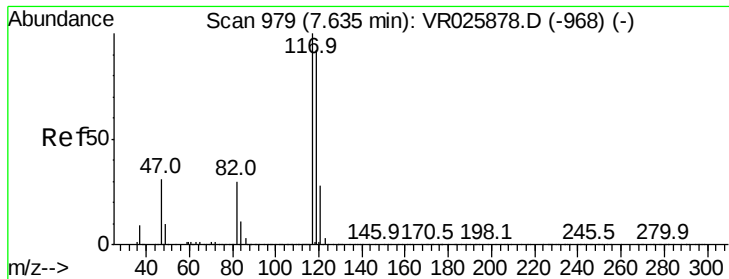
Tgt Ion: 62 Resp: 4832

Ion Ratio Lower Upper

62 100

98 7.1 5.2 7.8





#31

Carbon tetrachloride

Concen: 0.879 ug/L

RT: 7.64 min Scan# 980

Delta R.T. 0.01 min

Lab File: VR025891.D

Acq: 28 Sep 2018 00:58

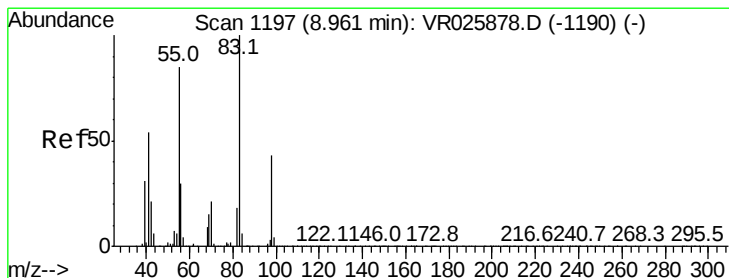
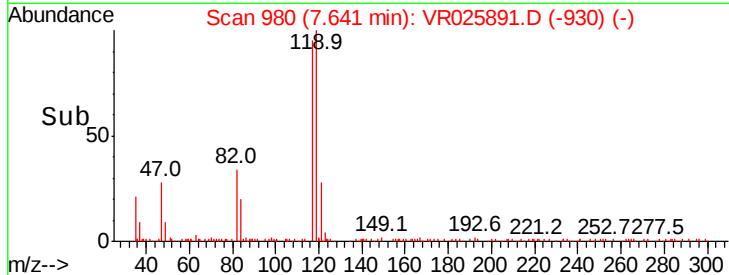
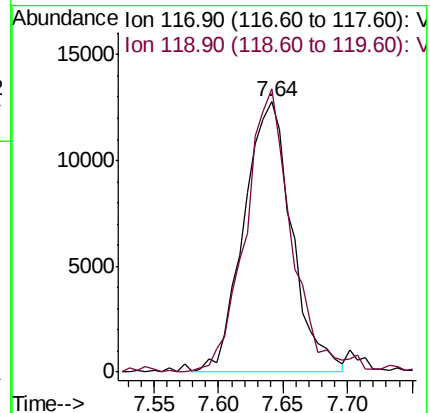
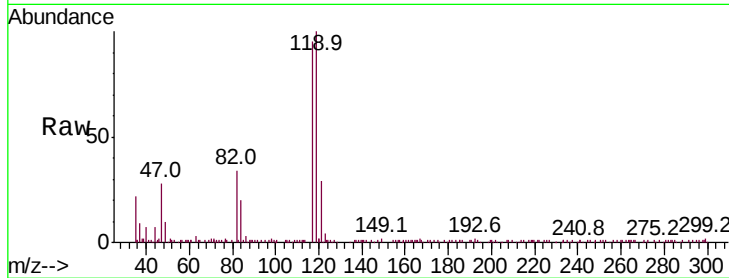
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:117 Resp: 32950

Ion Ratio Lower Upper

117 100

119 100.7 75.6 113.4



#35

Methylcyclohexane

Concen: 0.779 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.07 min

Lab File: VR025891.D

Acq: 28 Sep 2018 00:58

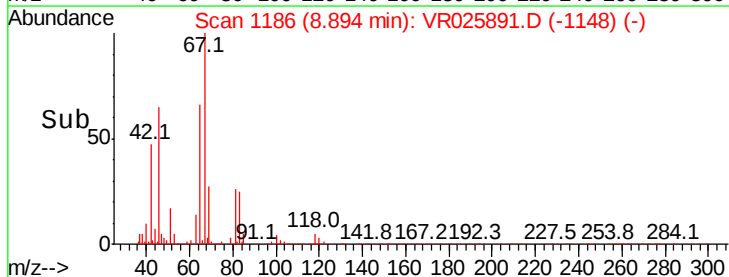
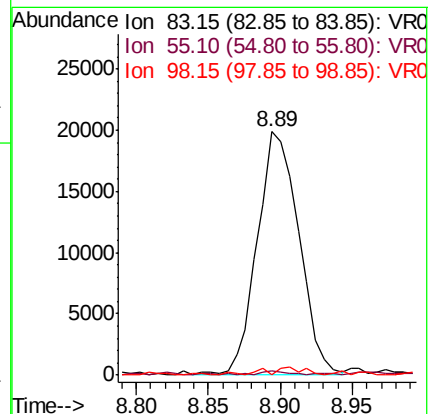
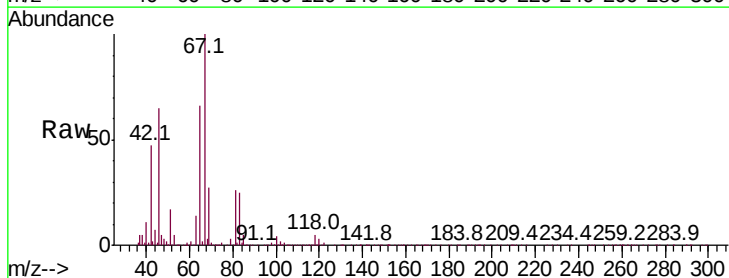
Tgt Ion: 83 Resp: 39831

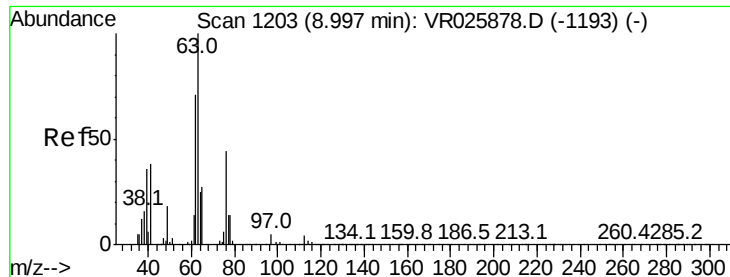
Ion Ratio Lower Upper

83 100

55 1.3 71.8 107.6#

98 0.8 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.737 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR025891.D

Acq: 28 Sep 2018 00:58

Instrument :

MSVOA_R

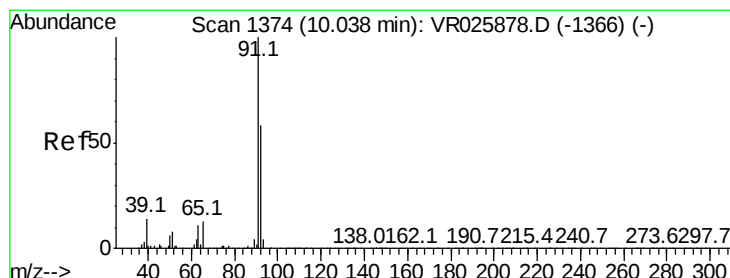
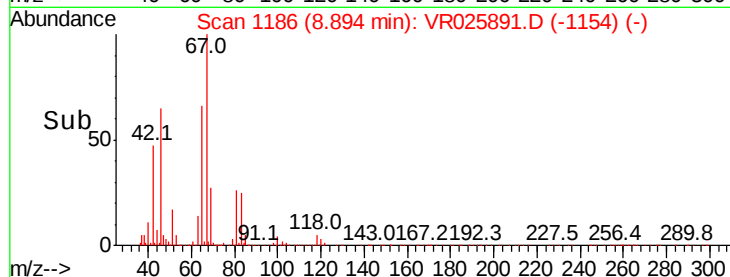
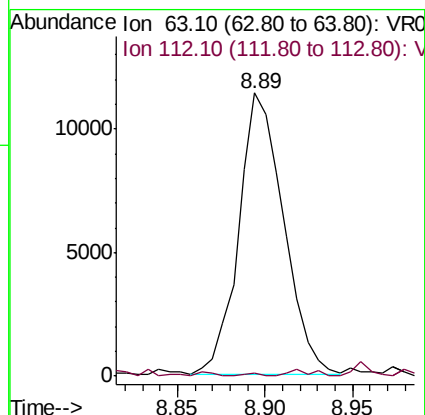
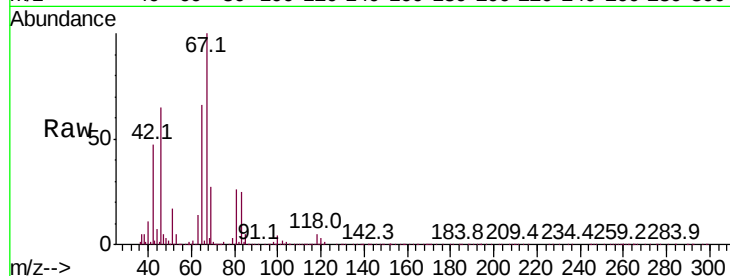
ClientSampleId :

Tot Ion: 63 Resp: 20405

Ion Ratio Lower Upper

63 100

112 0.4 2.5 3.7#



#42

Toluene

Concen: 0.274 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.01 min

Lab File: VR025891.D

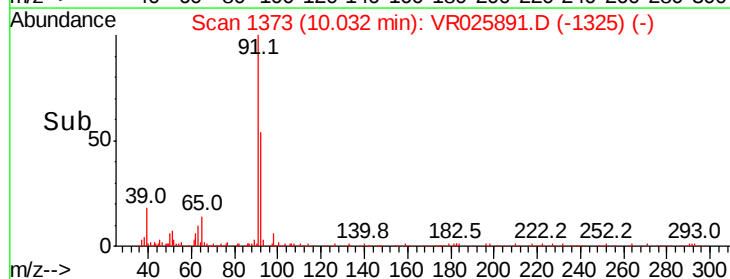
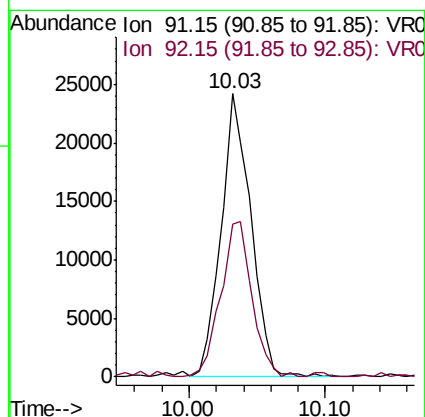
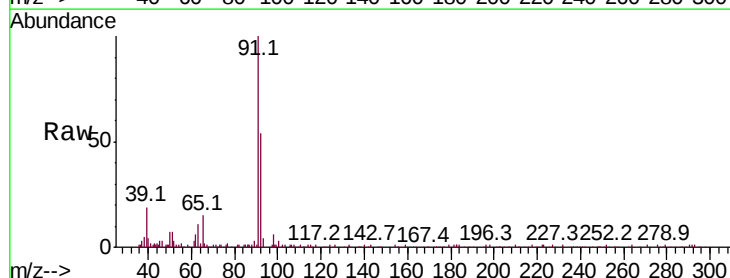
Acq: 28 Sep 2018 00:58

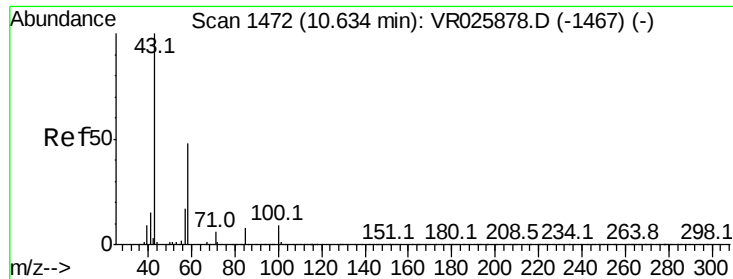
Tgt Ion: 91 Resp: 36738

Ion Ratio Lower Upper

91 100

92 54.0 41.8 77.6

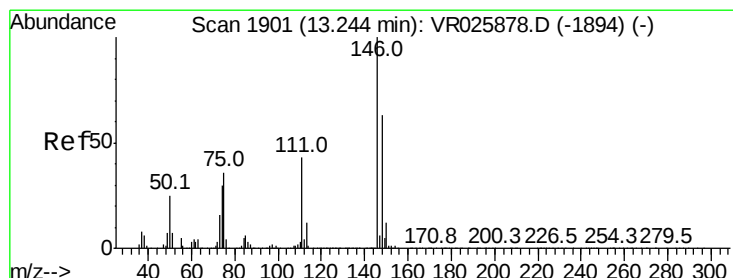
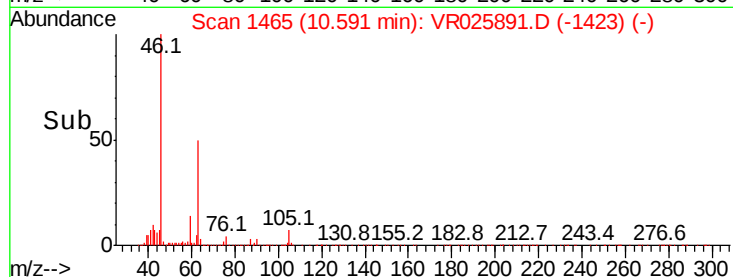
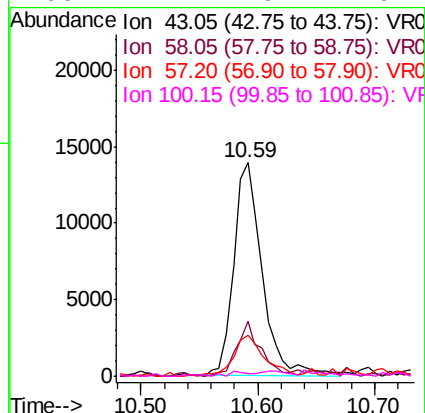
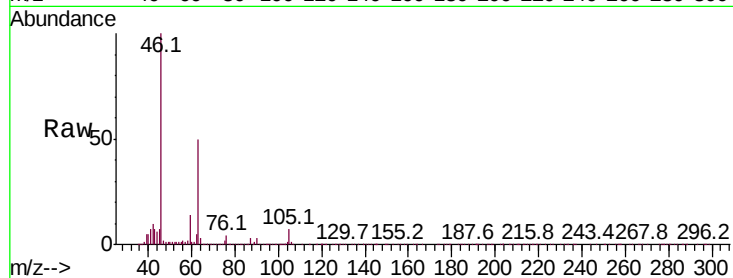




#48
2-Hexanone
Concen: 3.682 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025891.D
Acq: 28 Sep 2018 00:58

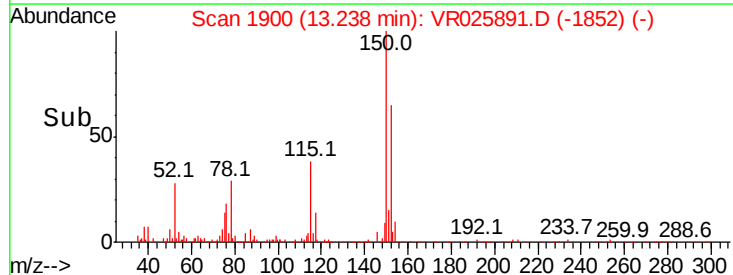
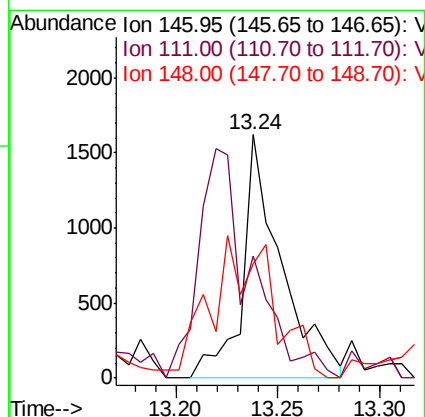
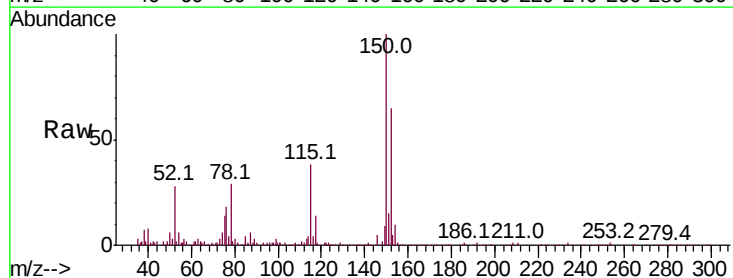
Instrument :
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ClientSampleId :

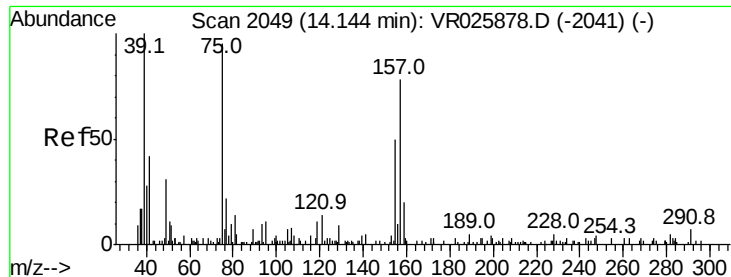
Tot Ion:	43	Resp:	23480
Ion	Ratio	Lower	Upper
43	100		
58	22.1	39.5	59.3#
57	21.2	14.6	21.8
100	1.7	6.7	10.1#



#63
1,4-Dichlorobenzene
Concen: 0.055 ug/L
RT: 13.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: VR025891.D
Acq: 28 Sep 2018 00:58

Tgt Ion:	146	Resp:	2141
Ion	Ratio	Lower	Upper
146	100		
111	49.9	32.9	61.1
148	47.2	45.5	84.5





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.174 ug/L
 RT: 14.13 min Scan# 2046
 Delta R.T. -0.02 min
 Lab File: VR025891.D
 Acq: 28 Sep 2018 00:58

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 226
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.8 56.6#
 157 84.3 49.7 74.5#

