

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092718\
 Data File : VR025892.D
 Acq On : 28 Sep 2018 1:31
 Operator : SY/MD
 Sample : J5062-13
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 28 05:46:50 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	480730	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	386061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	134866	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	193920	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	2.63	69	157929	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	3.63	63	342701	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	6.59	46	215063	50.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	7.20	84	306808	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	7.89	65	134143	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	7.85	84	634441	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	8.90	67	170008	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	9.97	98	573500	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	10.24	79	30607	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	10.59	63	159511	53.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67870	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	99951	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

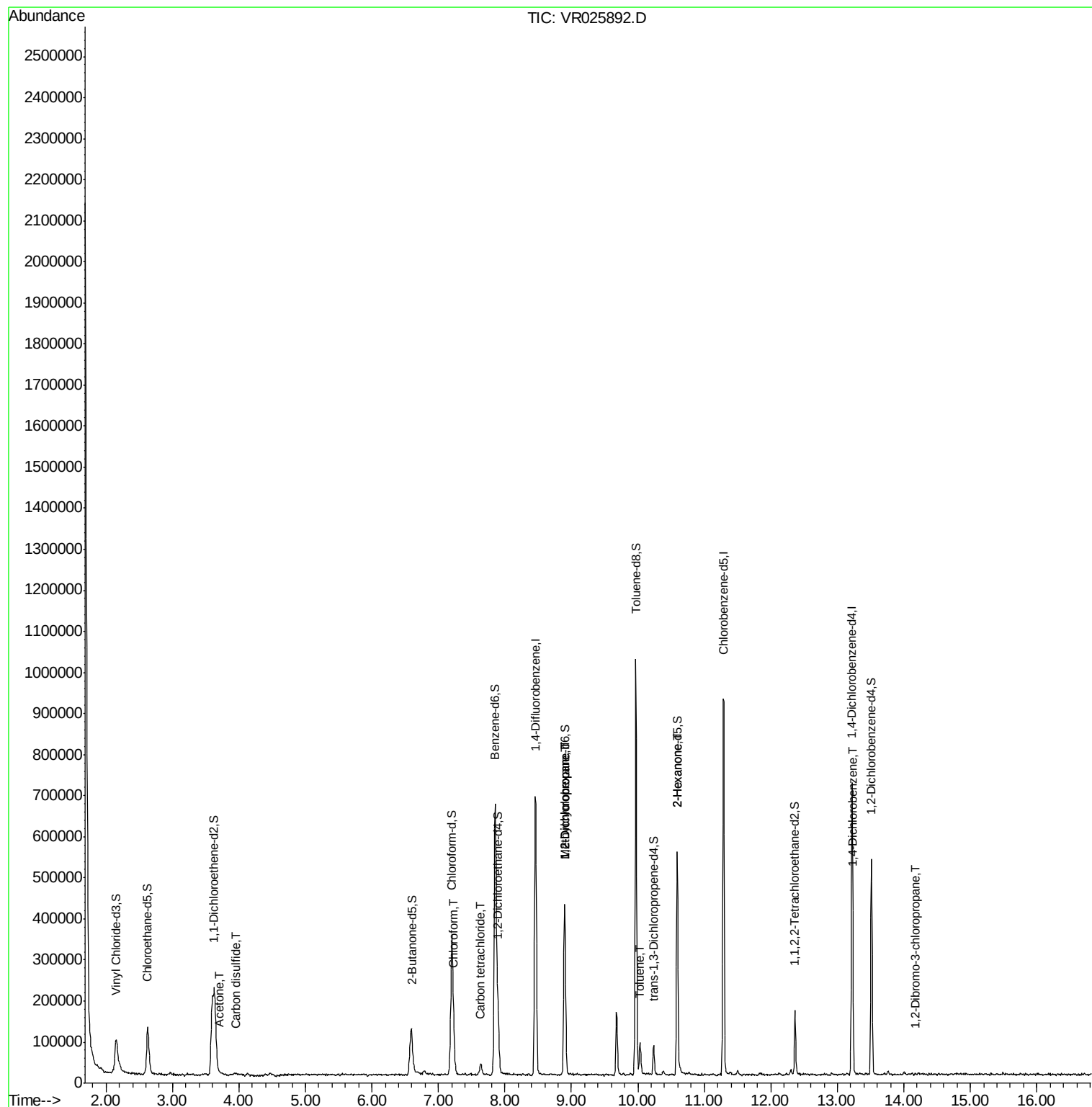
					Ovalue
13) Acetone	3.71	43	4238	1.384	ug/L 85
14) Carbon disulfide	3.95	76	10844	0.123	ug/L # 84
25) Chloroform	7.23	83	66419	1.148	ug/L 94
31) Carbon tetrachloride	7.63	117	17167	0.457	ug/L 92
35) Methylcyclohexane	8.90	83	38281	0.746	ug/L # 15
37) 1,2-Dichloropropane	8.90	63	21935	0.790	ug/L # 91
42) Toluene	10.03	91	46039	0.342	ug/L 96
48) 2-Hexanone	10.59	43	24200	3.784	ug/L # 71
63) 1,4-Dichlorobenzene	13.24	146	3212	0.080	ug/L # 86
66) 1,2-Dibromo-3-chloropropan	14.16	75	249	0.187	ug/L # 47

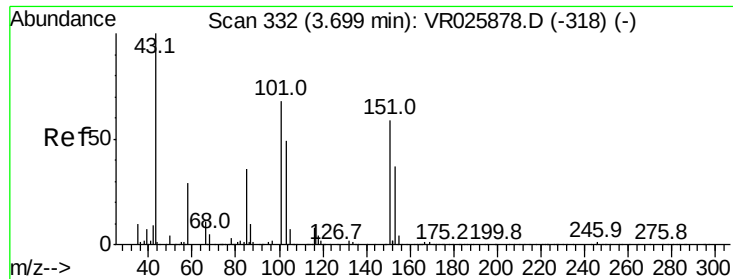
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.384 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

Lab File: VR025892.D

Acq: 28 Sep 2018 1:31

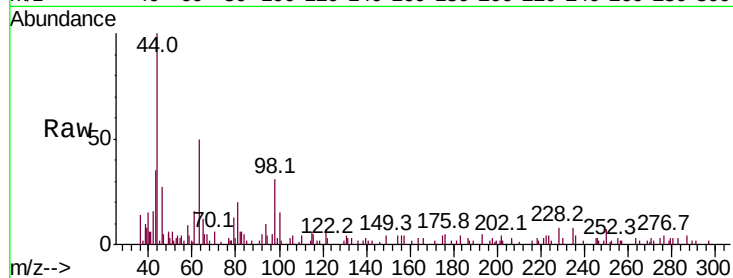
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 4238

Ion Ratio Lower Upper

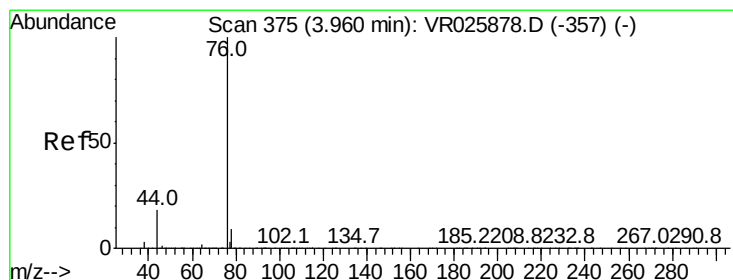
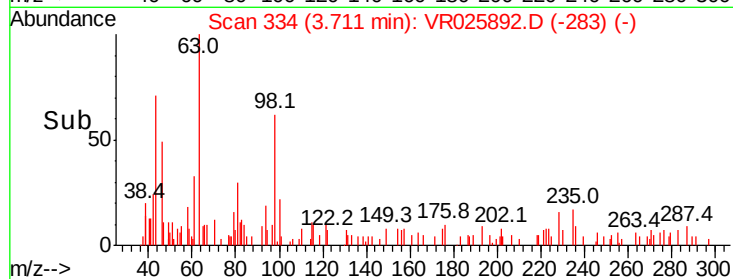
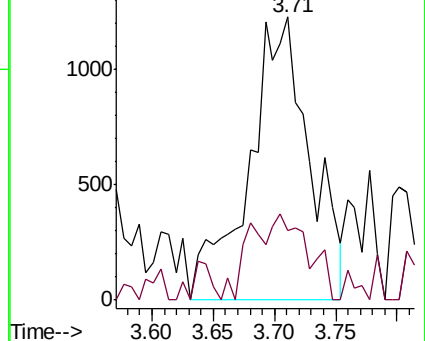
43 100

58 18.3 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#14

Carbon disulfide

Concen: 0.123 ug/L

RT: 3.95 min Scan# 374

Delta R.T. -0.01 min

Lab File: VR025892.D

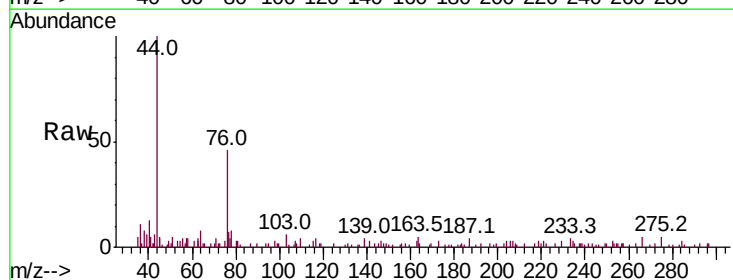
Acq: 28 Sep 2018 1:31

Tgt Ion: 76 Resp: 10844

Ion Ratio Lower Upper

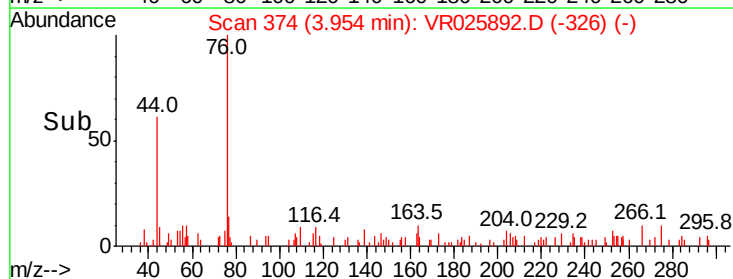
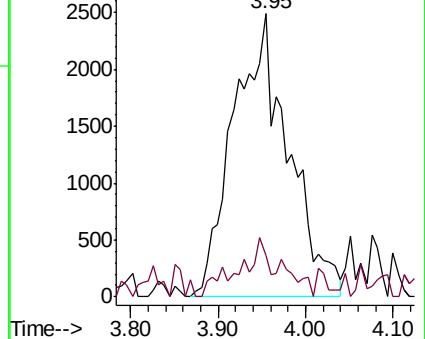
76 100

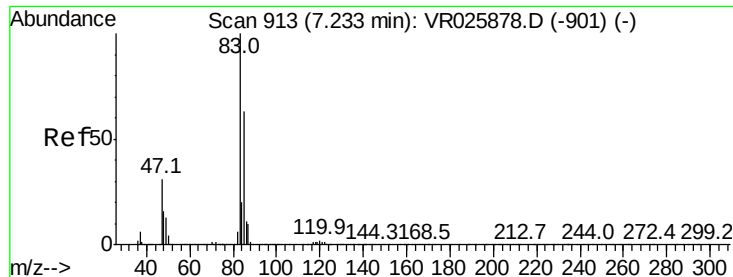
78 14.4 7.0 10.6#



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0

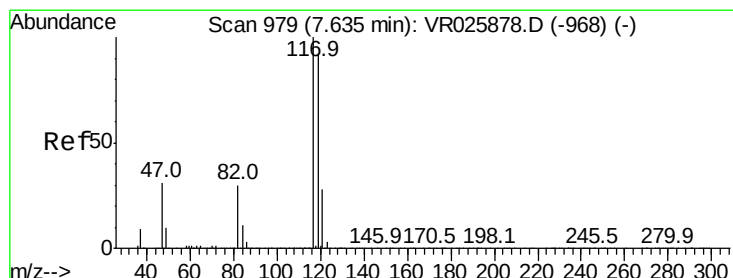
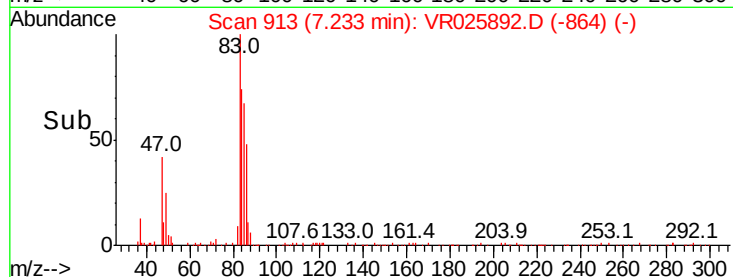
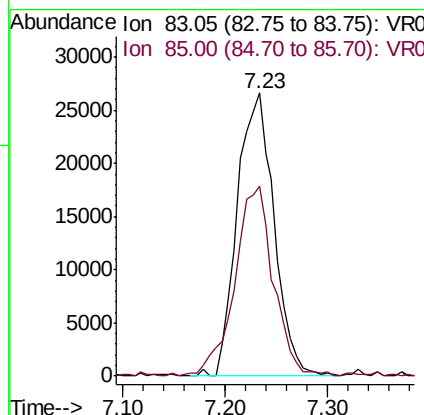
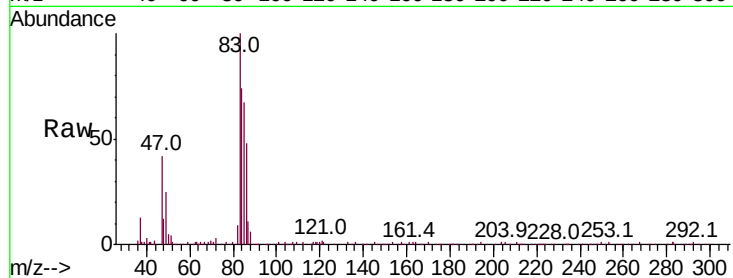




#25
Chloroform
Concen: 1.148 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.00 min
Lab File: VR025892.D
Acq: 28 Sep 2018 1:31

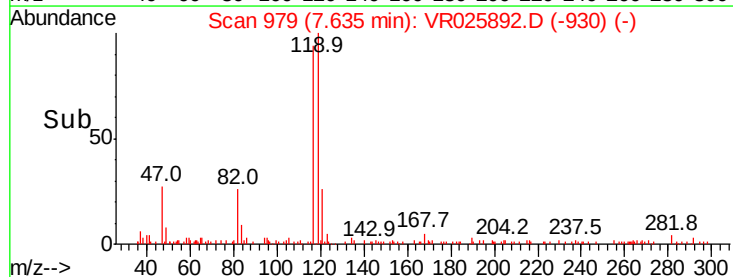
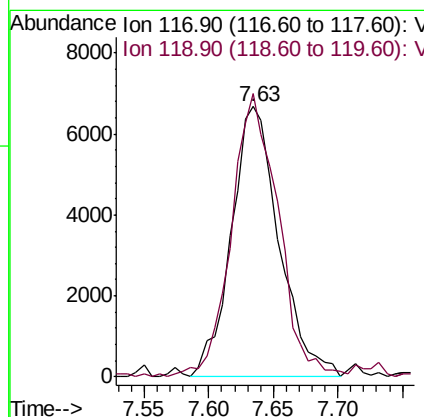
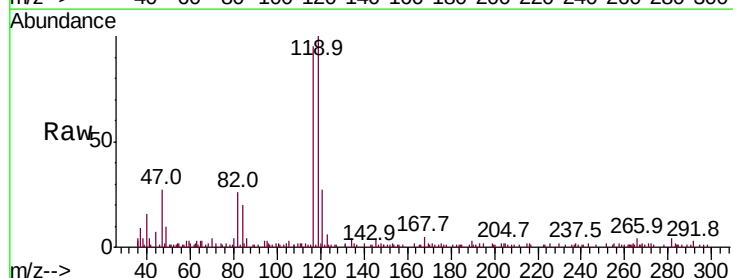
Instrument :
MSVOA_R
ClientSampled :

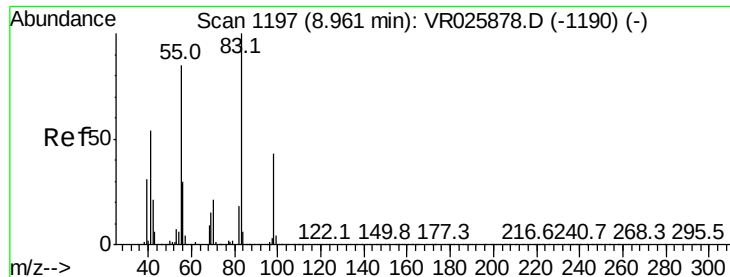
Tot Ion: 83 Resp: 66419
Ion Ratio Lower Upper
83 100
85 67.2 43.8 81.4



#31
Carbon tetrachloride
Concen: 0.457 ug/L
RT: 7.63 min Scan# 979
Delta R.T. 0.00 min
Lab File: VR025892.D
Acq: 28 Sep 2018 1:31

Tgt Ion: 117 Resp: 17167
Ion Ratio Lower Upper
117 100
119 102.6 75.6 113.4

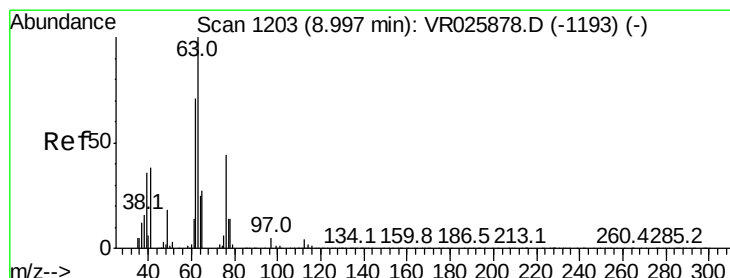
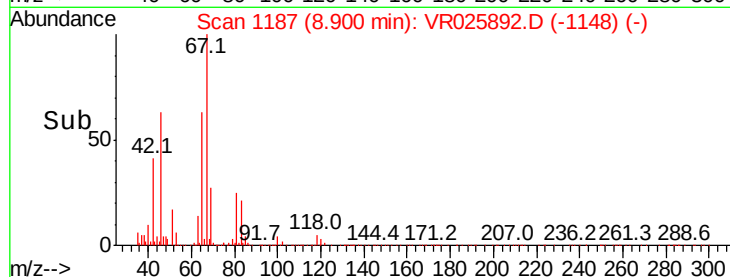
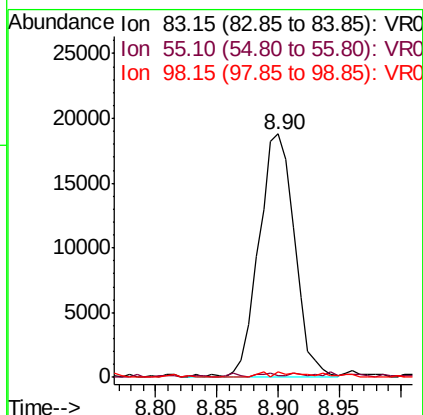
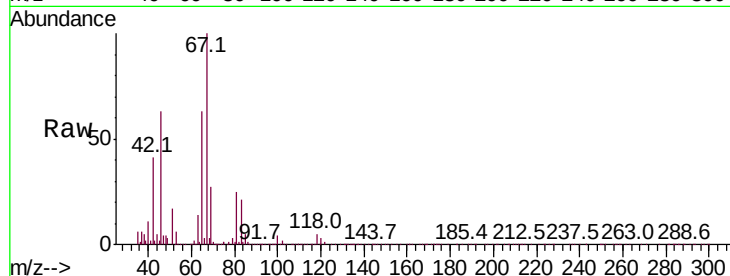




#35
Methylcyclohexane
Concen: 0.746 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR025892.D
Acq: 28 Sep 2018 1:31

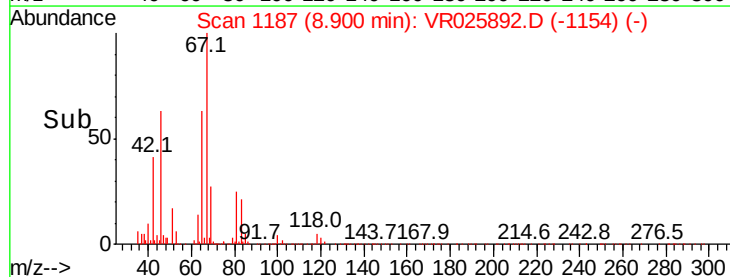
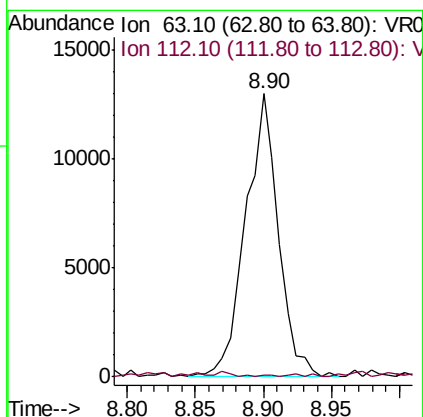
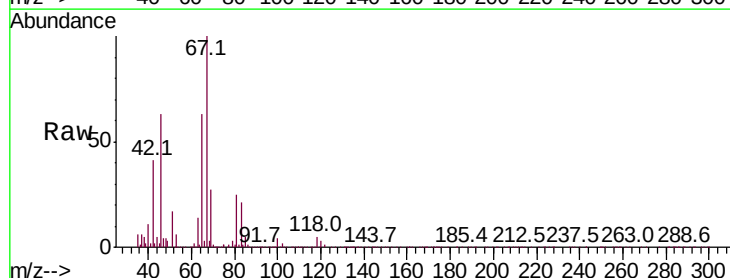
Instrument :
MSVOA_R
ClientSampled :

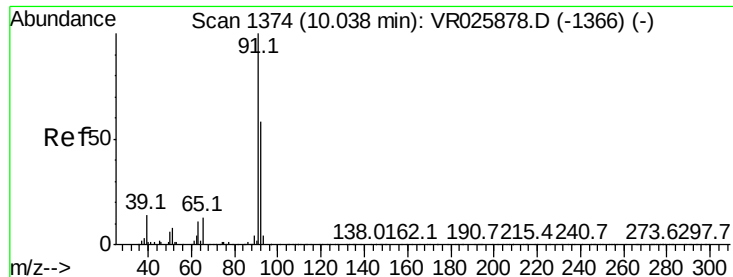
Tot Ion: 83 Resp: 38281
Ion Ratio Lower Upper
83 100
55 1.1 71.8 107.6#
98 1.4 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.790 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025892.D
Acq: 28 Sep 2018 1:31

Tgt Ion: 63 Resp: 21935
Ion Ratio Lower Upper
63 100
112 0.3 2.5 3.7#





#42

Toluene

Concen: 0.342 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.01 min

Lab File: VR025892.D

Acq: 28 Sep 2018 1:31

Instrument :

MSVOA_R

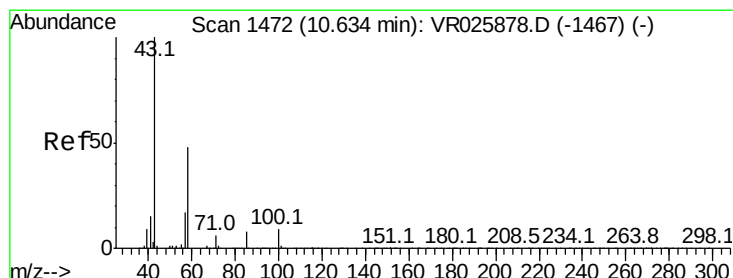
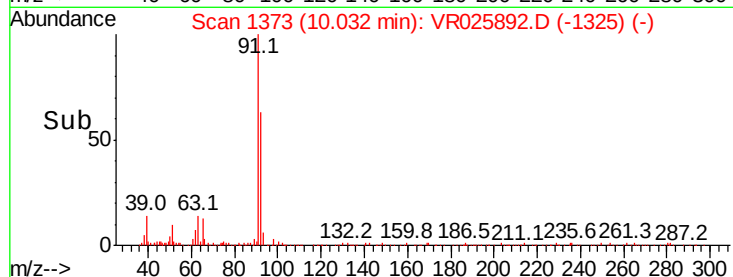
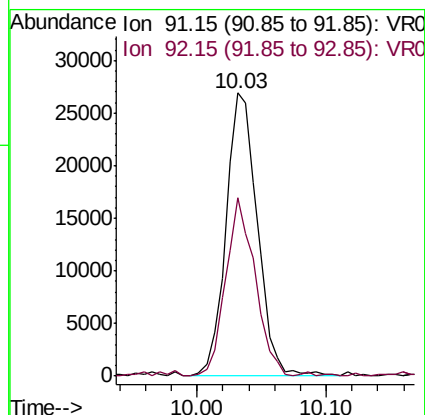
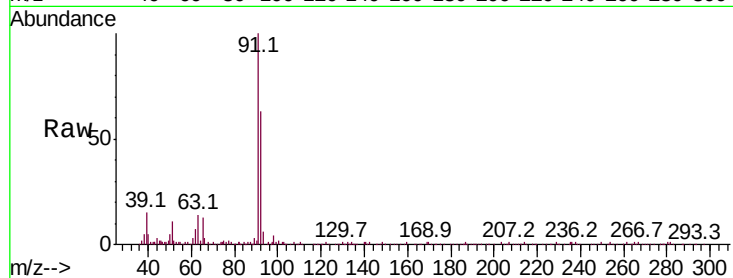
ClientSampleId :

Tot Ion: 91 Resp: 46039

Ion Ratio Lower Upper

91 100

92 63.0 41.8 77.6



#48

2-Hexanone

Concen: 3.784 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025892.D

Acq: 28 Sep 2018 1:31

Tgt Ion: 43 Resp: 24200

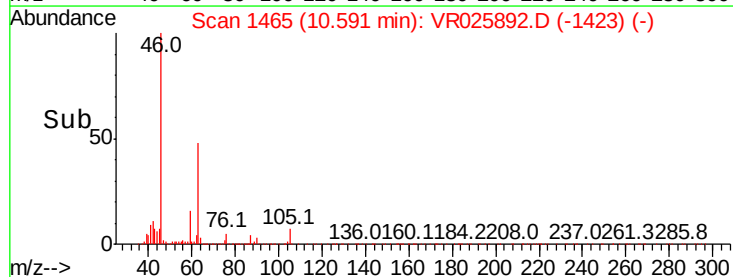
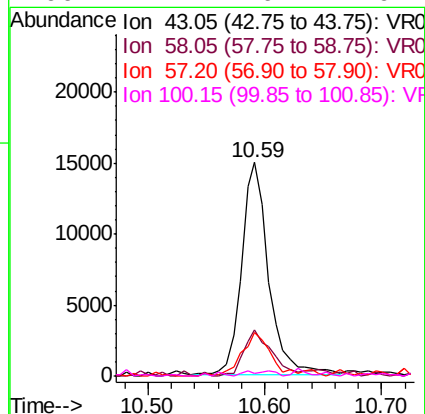
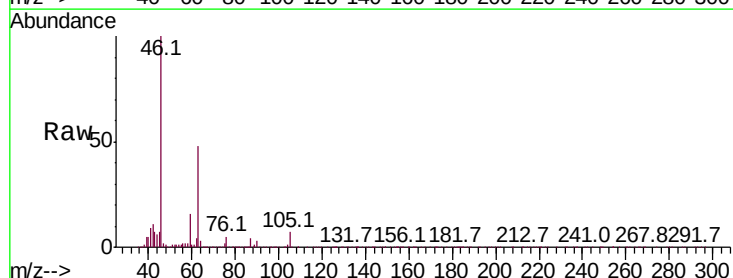
Ion Ratio Lower Upper

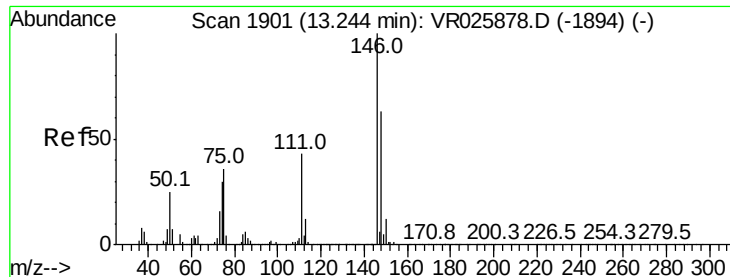
43 100

58 23.3 39.5 59.3#

57 21.9 14.6 21.8#

100 1.1 6.7 10.1#

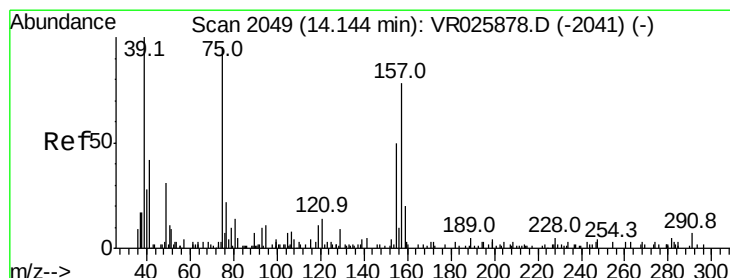
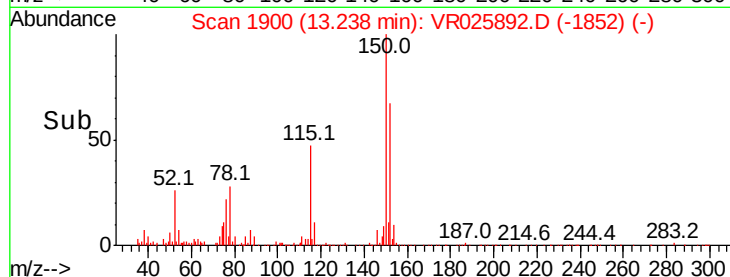
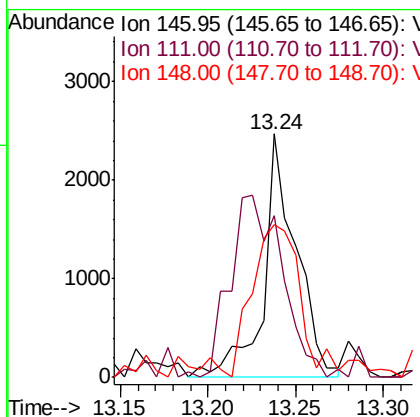
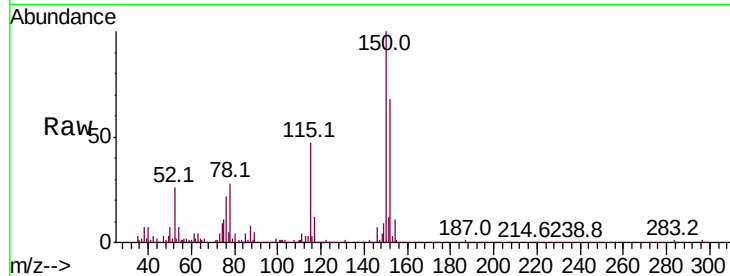




#63
 1,4-Dichlorobenzene
 Concen: 0.080 ug/L
 RT: 13.24 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: VR025892.D
 Acq: 28 Sep 2018 1:31

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion:146 Resp: 3212
 Ion Ratio Lower Upper
 146 100
 111 66.4 32.9 61.1#
 148 62.7 45.5 84.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.187 ug/L
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.02 min
 Lab File: VR025892.D
 Acq: 28 Sep 2018 1:31

Tgt Ion: 75 Resp: 249
 Ion Ratio Lower Upper
 75 100
 155 36.3 37.8 56.6#
 157 0.0 49.7 74.5#

