

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
 Data File : VR025590.D
 Acq On : 8 Aug 2018 12:01
 Operator : SY/MD
 Sample : J4358-20
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 09 04:28:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	531028	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	456642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	180816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	117495	3.57	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	2.64	69	100468	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	3.63	63	226148	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	6.60	46	186368	68.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.06%#
24) Chloroform-d	7.21	84	278443	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	7.90	65	100617	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	7.86	84	568358	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	8.90	67	163807	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	9.97	98	515000	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	10.24	79	27319	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	10.59	63	170857	65.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.04%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86002	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	160218	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

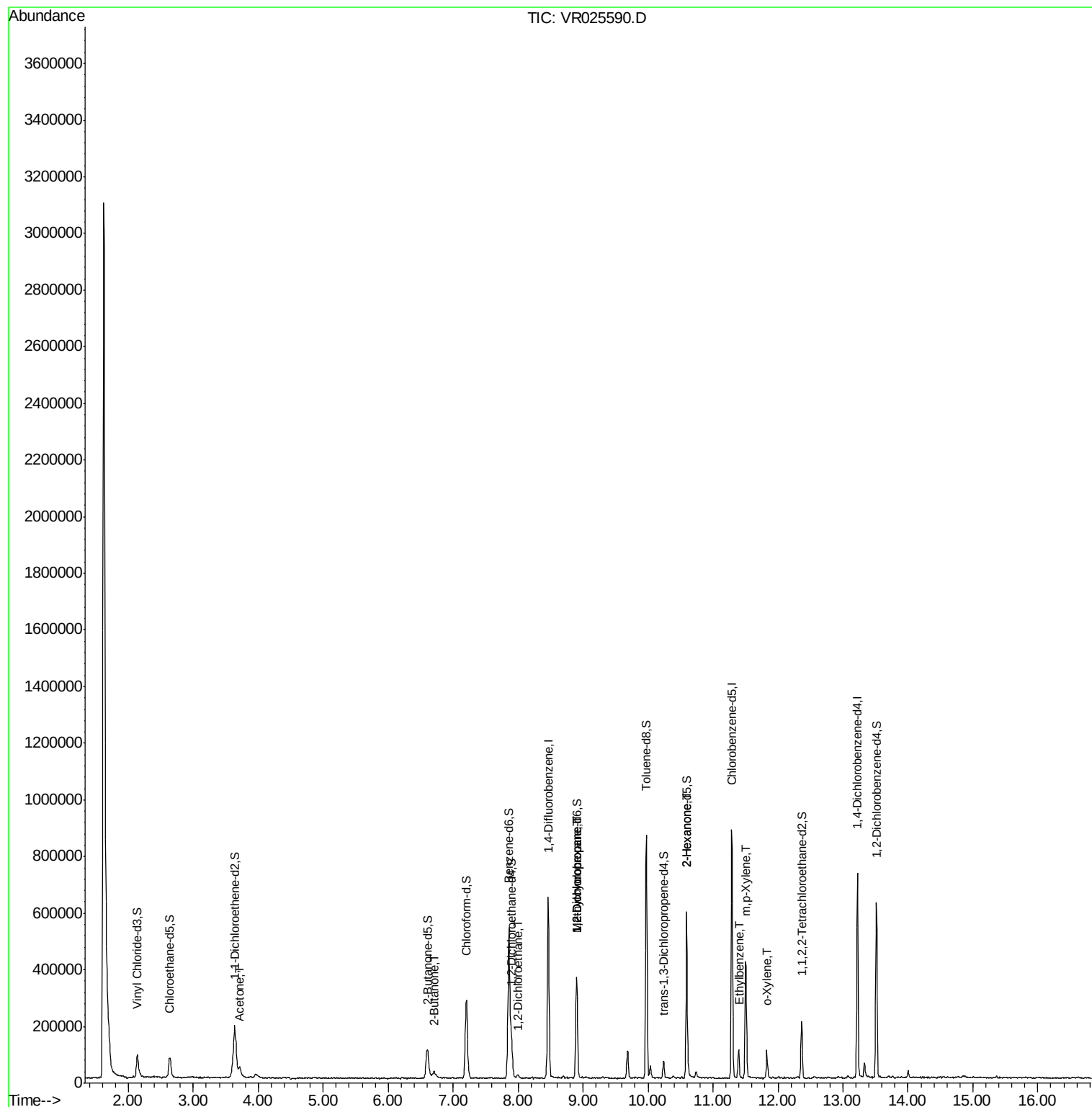
					Ovalue
13) Acetone	3.71	43	69515	30.409	ug/L 98
21) 2-Butanone	6.70	43	4867	1.532	ug/L 80
27) 1,2-Dichloroethane	7.99	62	8178	0.390	ug/L # 94
35) Methylcyclohexane	8.90	83	38339	0.727	ug/L # 22
37) 1,2-Dichloropropane	8.90	63	16675	0.562	ug/L # 91
48) 2-Hexanone	10.59	43	22730	4.028	ug/L # 74
52) Ethylbenzene	11.40	91	61671	0.378	ug/L 96
53) m,p-Xylene	11.51	106	132658	2.099	ug/L 95
54) o-Xylene	11.84	106	25580	0.441	ug/L 90

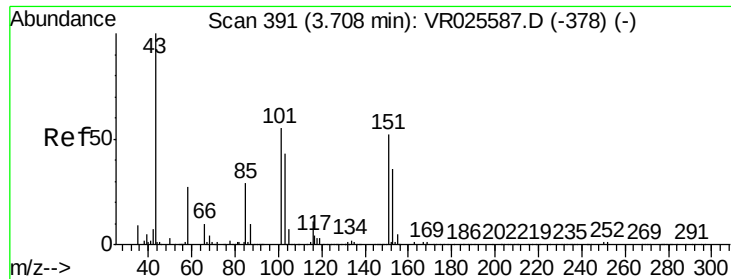
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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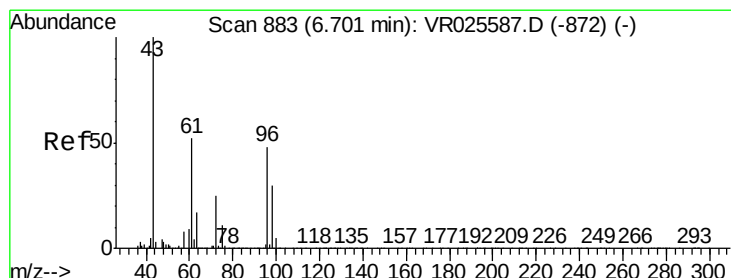
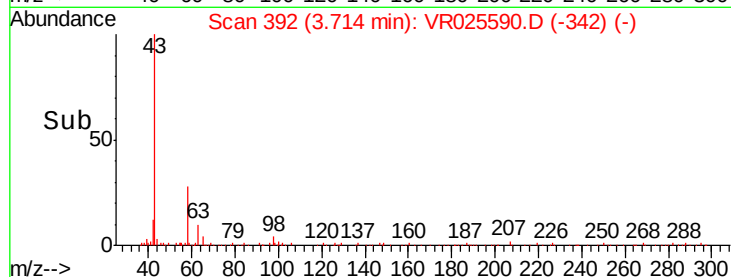
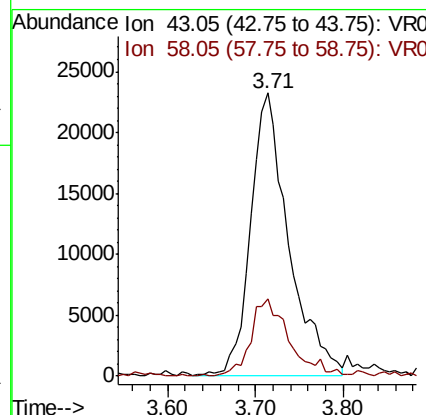
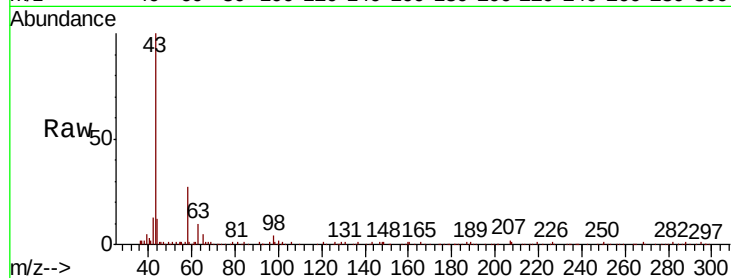




#13
Acetone
Concen: 30.409 ug/L
RT: 3.71 min Scan# 392
Delta R.T. 0.01 min
Lab File: VR025590.D
Acq: 8 Aug 2018 12:01

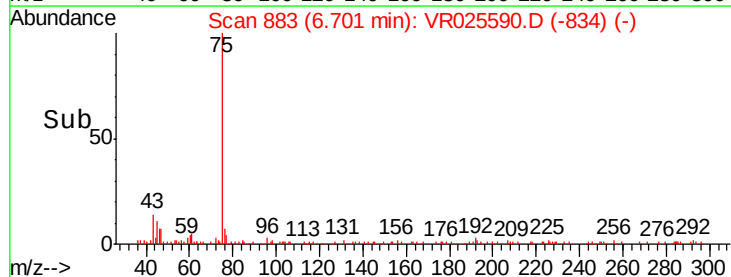
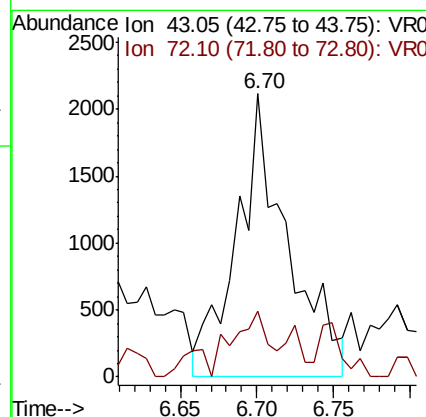
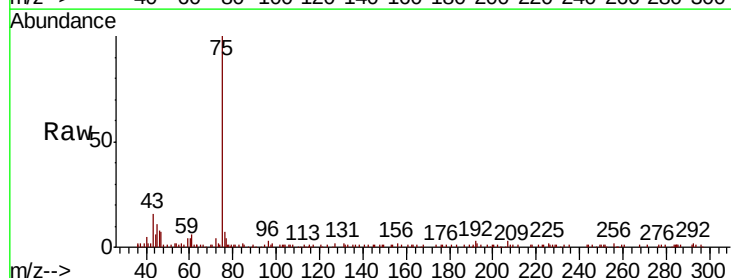
Instrument :
MSVOA_R
ClientSampleId :

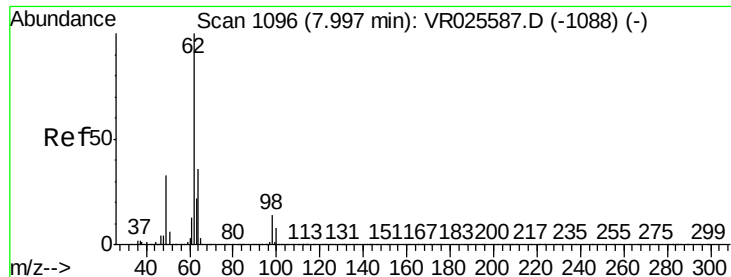
Tot Ion: 43 Resp: 69515
Ion Ratio Lower Upper
43 100
58 27.9 0.0 53.4



#21
2-Butanone
Concen: 1.532 ug/L
RT: 6.70 min Scan# 883
Delta R.T. -0.00 min
Lab File: VR025590.D
Acq: 8 Aug 2018 12:01

Tgt Ion: 43 Resp: 4867
Ion Ratio Lower Upper
43 100
72 16.4 13.2 39.6





#27

1,2-Dichloroethane

Concen: 0.390 ug/L

RT: 7.99 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VR025590.D

Acq: 8 Aug 2018 12:01

Instrument :

MSVOA_R

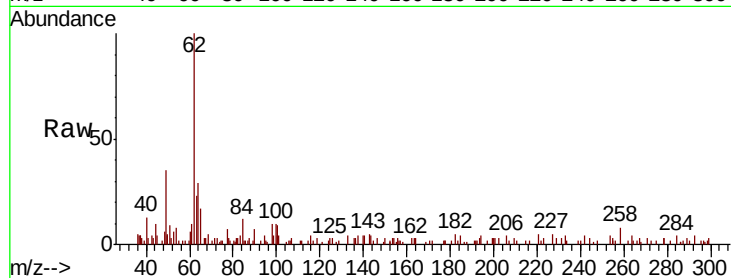
ClientSampleId :

Tot Ion: 62 Resp: 8178

Ion Ratio Lower Upper

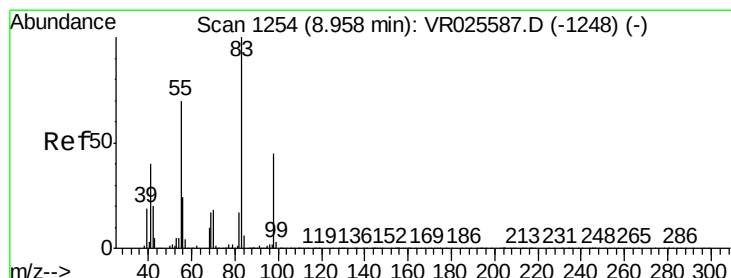
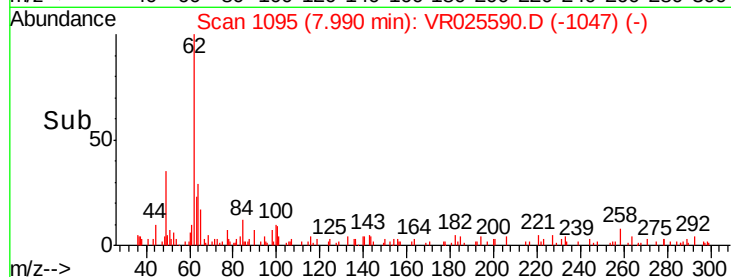
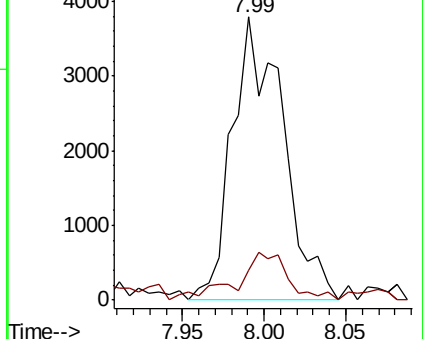
62 100

98 10.4 6.6 9.8#



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0



#35

Methylcyclohexane

Concen: 0.727 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025590.D

Acq: 8 Aug 2018 12:01

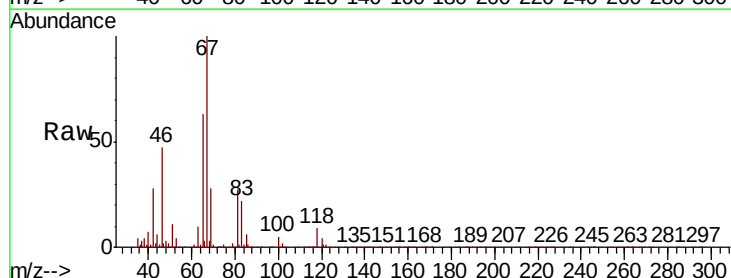
Tgt Ion: 83 Resp: 38339

Ion Ratio Lower Upper

83 100

55 0.9 58.3 87.5#

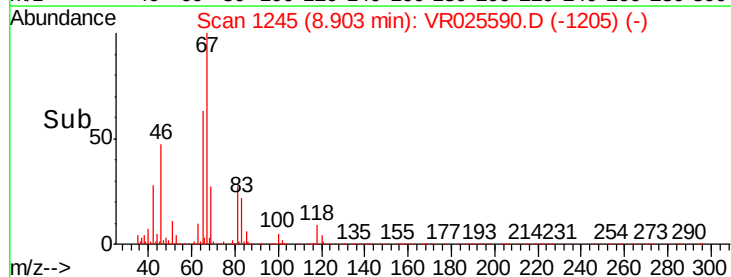
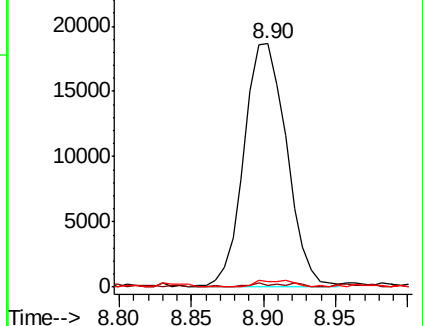
98 2.3 37.8 56.6#

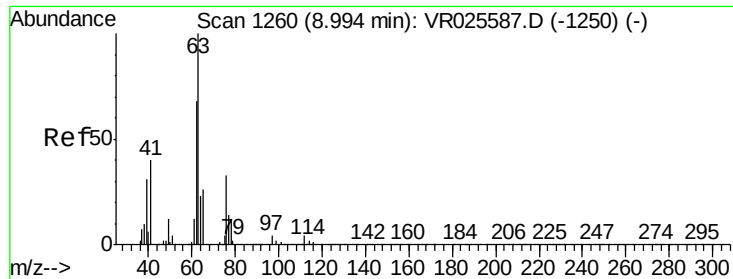


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

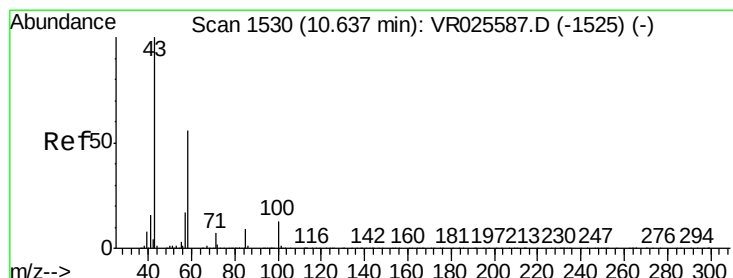
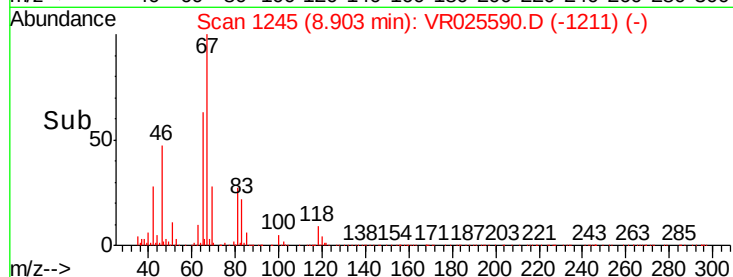
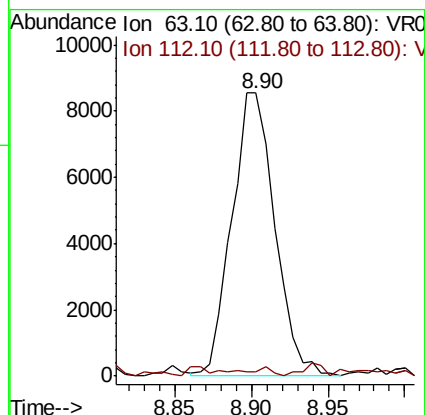
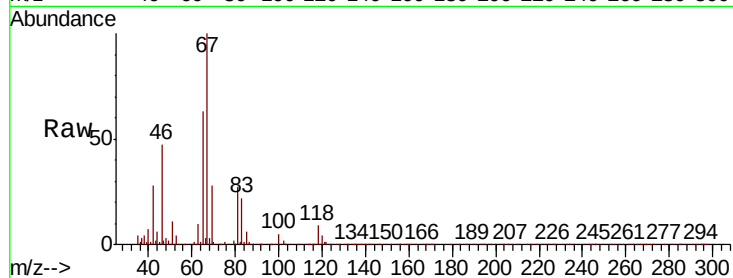




#37
 1,2-Dichloropropane
 Concen: 0.562 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VR025590.D
 Acq: 8 Aug 2018 12:01

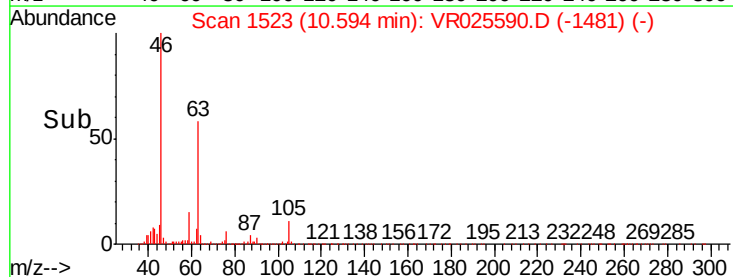
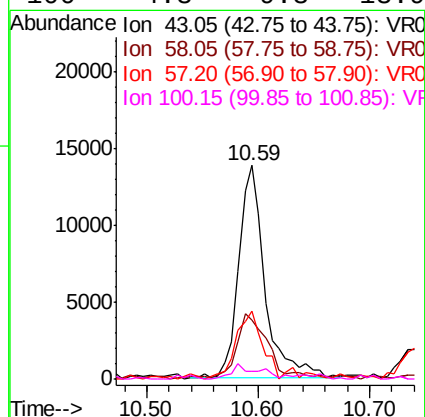
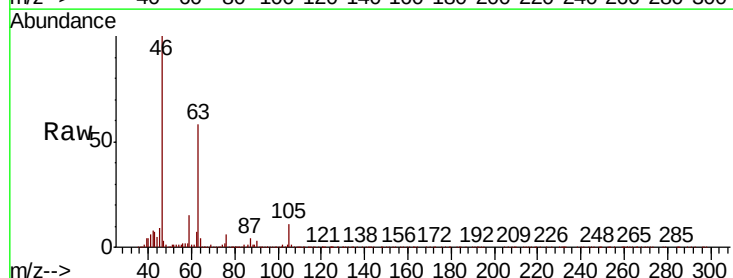
Instrument :
 MSVOA_R
 ClientSampled :

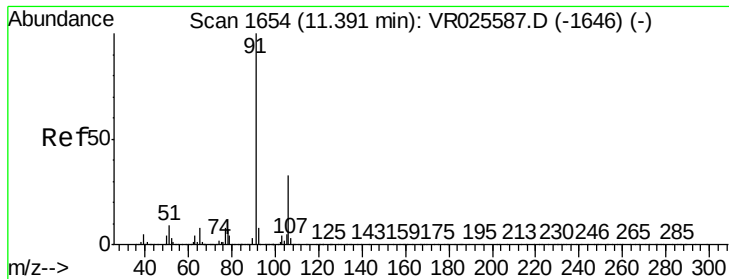
Tot Ion: 63 Resp: 16675
 Ion Ratio Lower Upper
 63 100
 112 1.1 3.3 4.9#



#48
 2-Hexanone
 Concen: 4.028 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: VR025590.D
 Acq: 8 Aug 2018 12:01

Tgt Ion: 43 Resp: 22730
 Ion Ratio Lower Upper
 43 100
 58 36.3 45.0 67.6#
 57 32.3 15.8 23.6#
 100 4.3 9.3 13.9#





#52

Ethylbenzene

Concen: 0.378 ug/L

RT: 11.40 min Scan# 1655

Delta R.T. 0.01 min

Lab File: VR025590.D

Acq: 8 Aug 2018 12:01

Instrument :

MSVOA_R

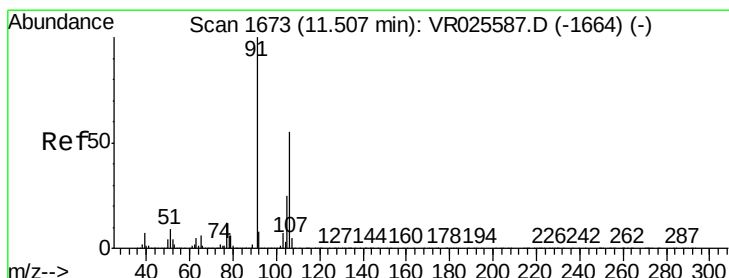
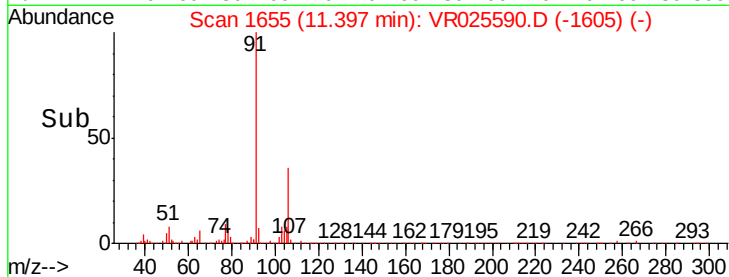
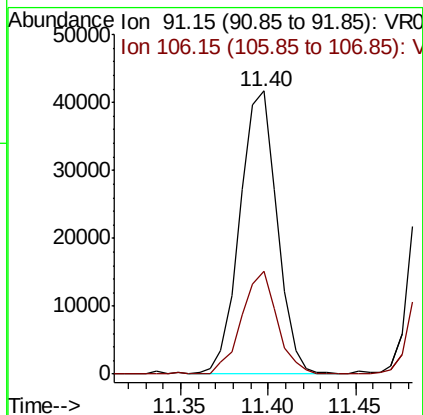
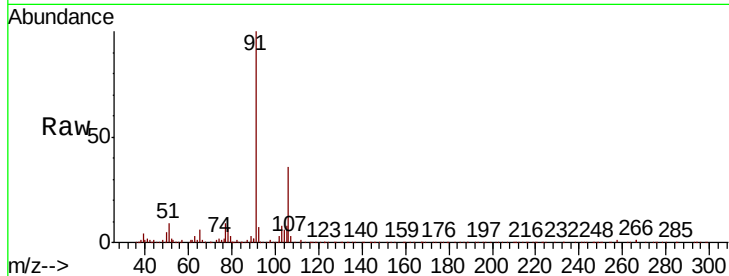
ClientSampled :

Tot Ion: 91 Resp: 61671

Ion Ratio Lower Upper

91 100

106 36.3 23.6 43.8



#53

m,p-Xylene

Concen: 2.099 ug/L

RT: 11.51 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VR025590.D

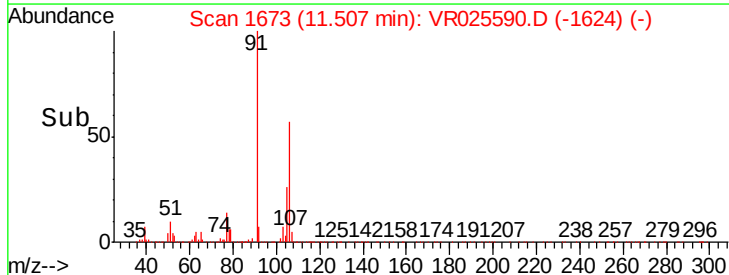
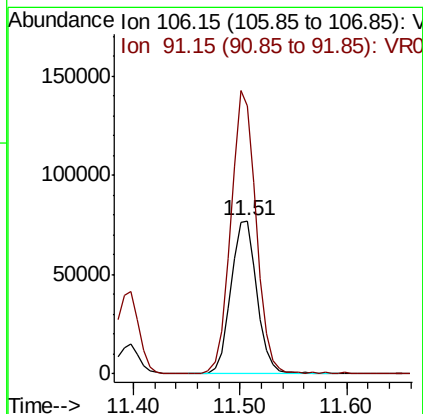
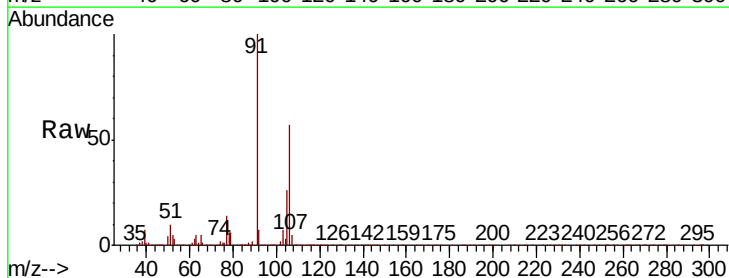
Acq: 8 Aug 2018 12:01

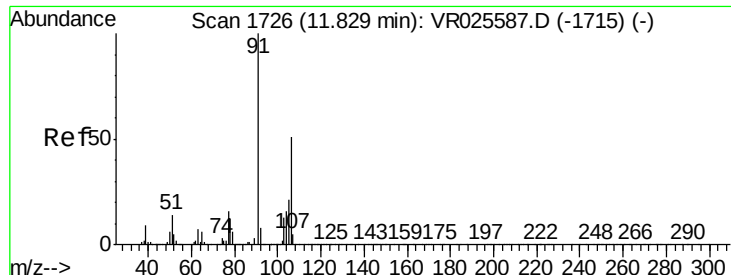
Tgt Ion: 106 Resp: 132658

Ion Ratio Lower Upper

106 100

91 175.3 128.2 238.0





#54
o-Xylene
Concen: 0.441 ug/L
RT: 11.84 min Scan# 1727
Delta R.T. 0.01 min
Lab File: VR025590.D
Acq: 8 Aug 2018 12:01

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:106 Resp: 25580
Ion Ratio Lower Upper
106 100
91 188.5 143.0 265.6

