

Data File : VR026203.D
Acq On : 7 Nov 2018 14:30
Operator : SY/MD
Sample : J5801-02DL 200X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D01DL2

Quant Time: Nov 07 15:07:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 12:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	663831	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	543762	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	200234	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	162900	2.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.00%
7) Chloroethane-d5	2.63	69	188782	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	3.60	63	375854	2.63	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	6.59	46	230815	48.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.78%
24) Chloroform-d	7.20	84	360472	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	7.89	65	162966	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	7.85	84	691174	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	8.89	67	190917	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	9.97	98	612463	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	10.23	79	42148	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	10.59	63	176218	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78061	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	140254	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

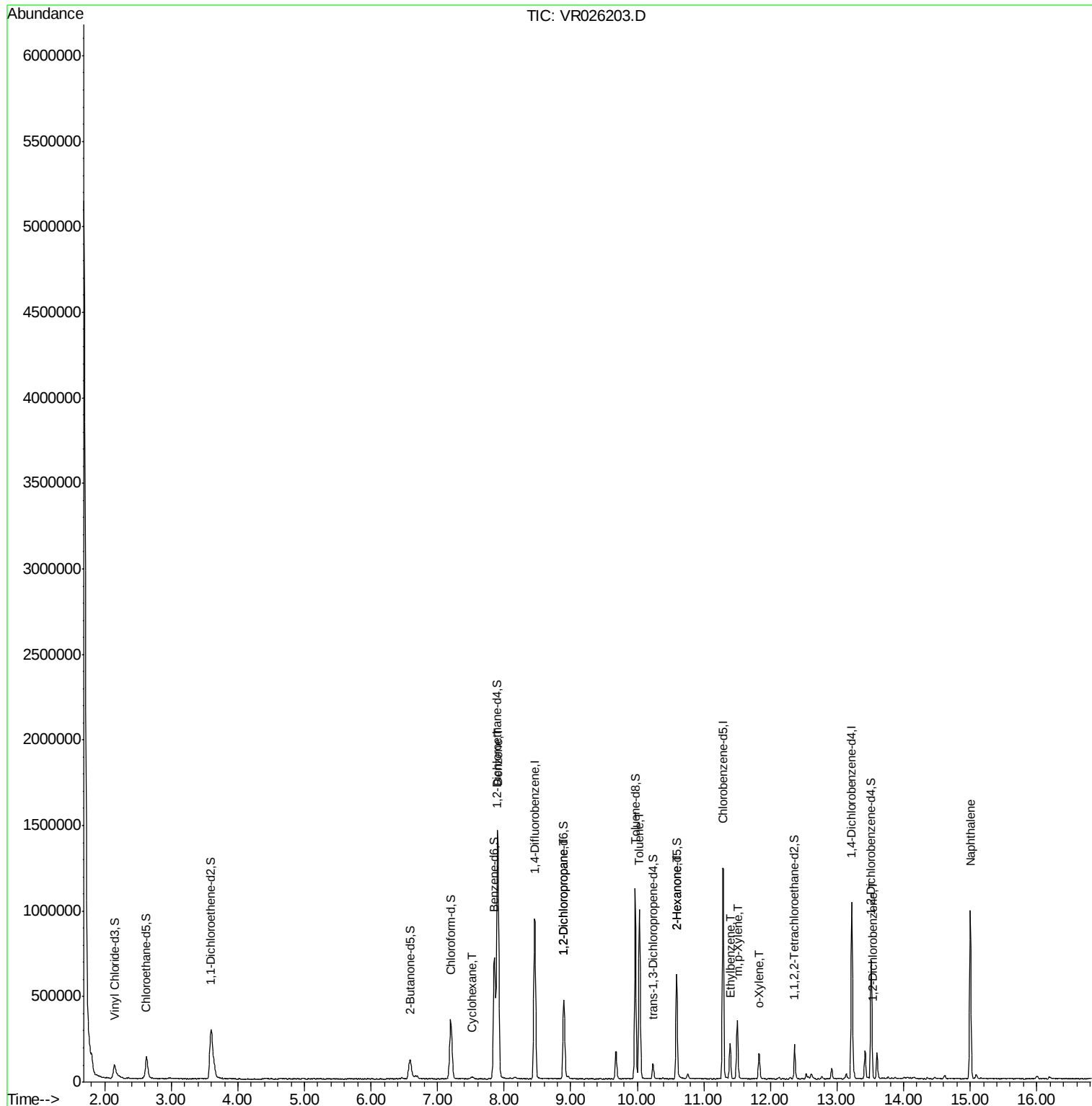
					Qvalue	
30) Cyclohexane	7.53	56	6900	0.093	ug/L #	86
33) Benzene	7.90	78	1226873	6.013	ug/L	100
37) 1,2-Dichloropropane	8.90	63	22529	0.523	ug/L #	93
42) Toluene	10.03	91	613022	2.847	ug/L	98
48) 2-Hexanone	10.59	43	26638	3.102	ug/L #	67
52) Ethylbenzene	11.39	91	120112	0.485	ug/L	99
53) m,p-Xylene	11.50	106	89097	0.988	ug/L	100
54) o-Xylene	11.83	106	32134	0.388	ug/L	100
65) 1,2-Dichlorobenzene	13.54	146	10455	0.196	ug/L #	79
69) Naphthalene	15.00	128	604267	26.304	ug/L	98

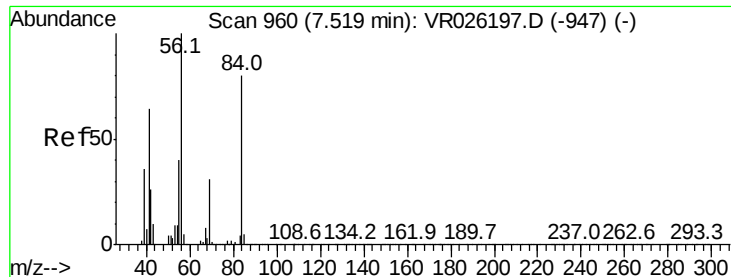
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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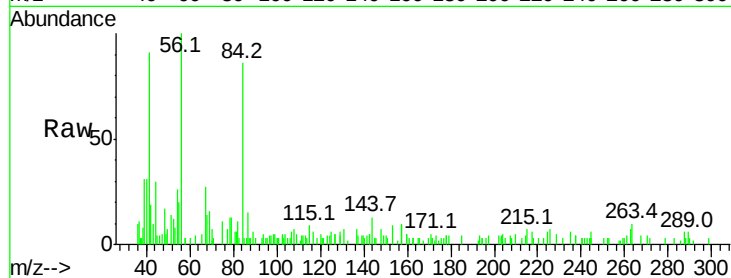




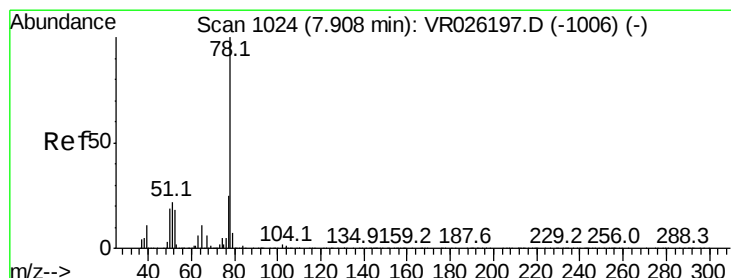
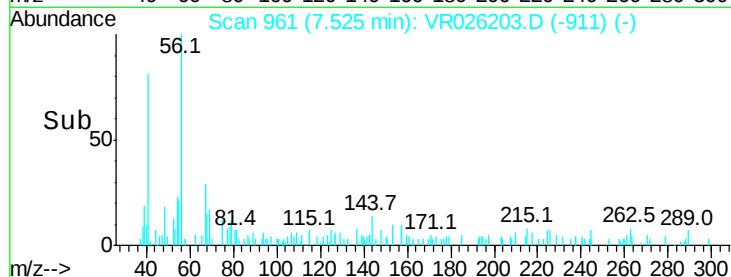
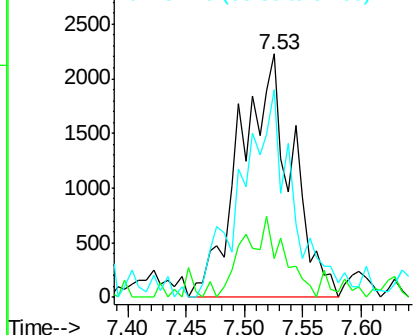
#30
Cyclohexane
Concen: 0.093 ug/L
RT: 7.53 min Scan# 961
Delta R.T. 0.01 min
Lab File: VR026203.D
Acq: 7 Nov 2018 14:30

Instrument :
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ClientSampleId :
F9D01DL2

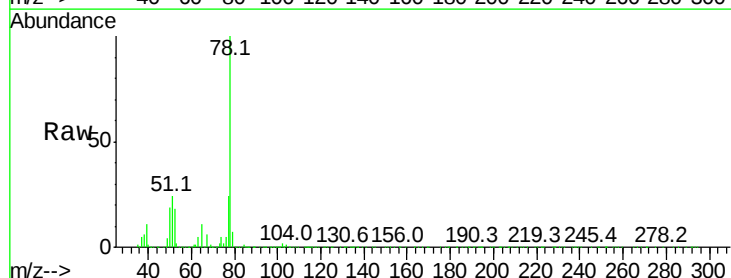
Tgt Ion: 56 Resp: 6900
Ion Ratio Lower Upper
56 100
69 12.8 23.8 35.8#
84 84.8 62.2 93.4



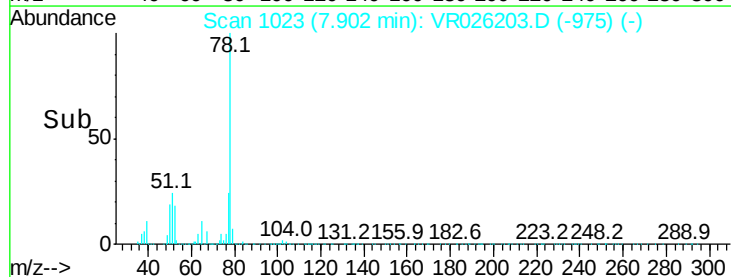
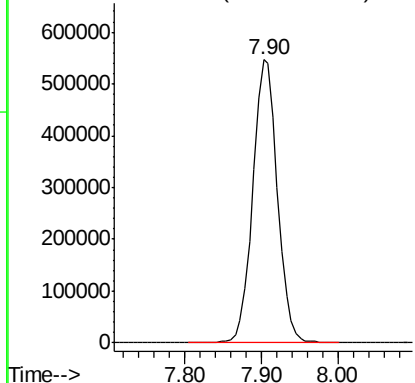
Abundance Ion 56.10 (55.80 to 56.80): VR0
Ion 69.15 (68.85 to 69.85): VR0
Ion 84.15 (83.85 to 84.85): VR0

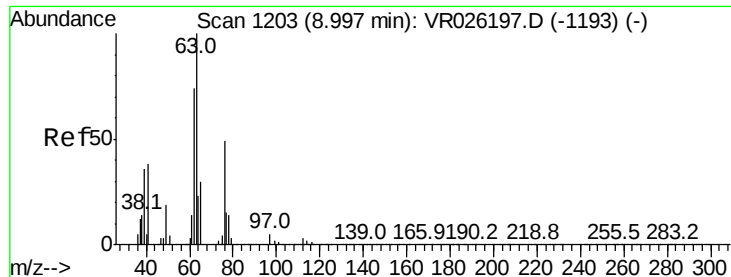


#33
Benzene
Concen: 6.013 ug/L
RT: 7.90 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VR026203.D
Acq: 7 Nov 2018 14:30
Tgt Ion: 78 Resp: 1226873



Abundance Ion 78.10 (77.80 to 78.80): VR0





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

Lab File: VR026203.D

Acq: 7 Nov 2018 14:30

Instrument :

MSVOA_R

ClientSampleId :

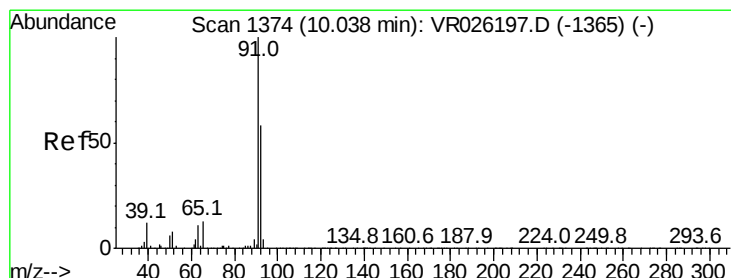
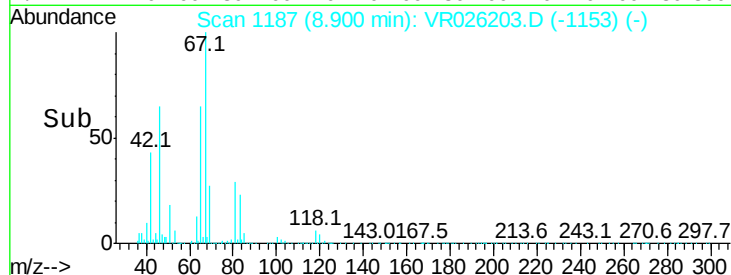
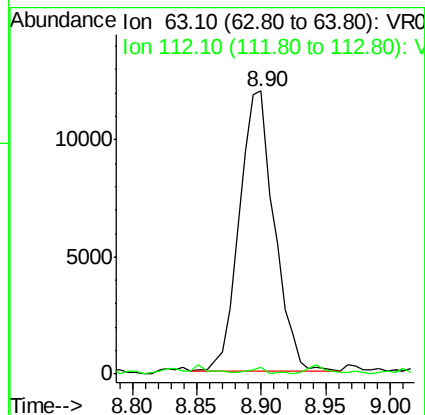
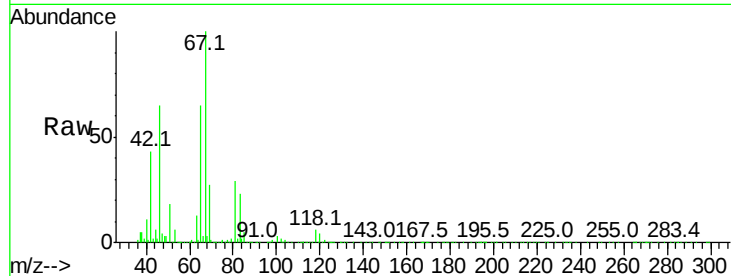
F9D01DL2

Tgt Ion: 63 Resp: 22529

Ion Ratio Lower Upper

63 100

112 1.2 2.7 4.1#



#42

Toluene

Concen: 2.847 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.01 min

Lab File: VR026203.D

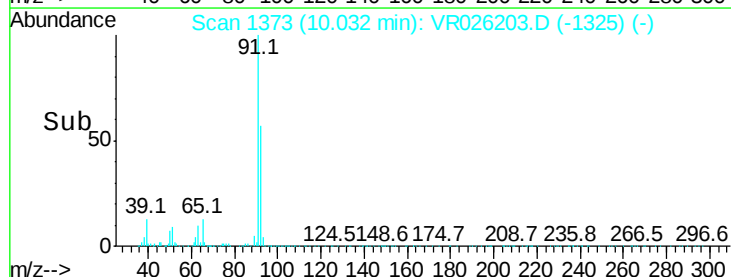
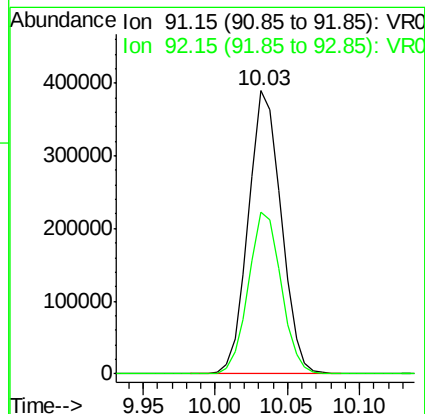
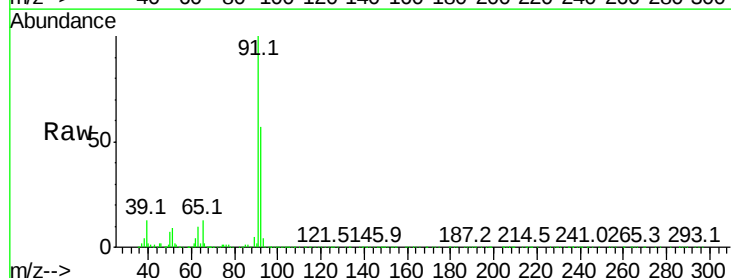
Acq: 7 Nov 2018 14:30

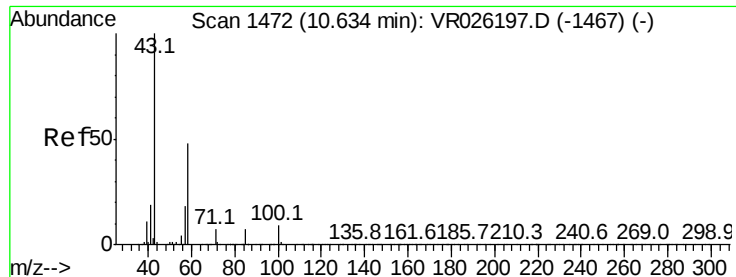
Tgt Ion: 91 Resp: 613022

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8

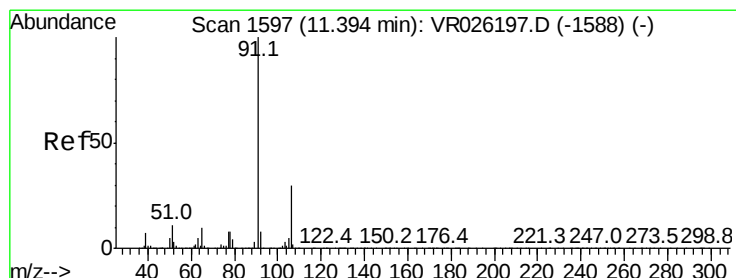
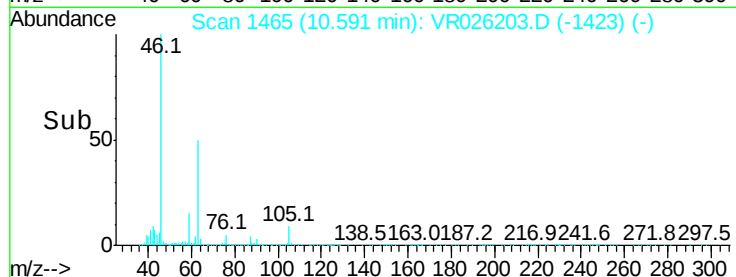
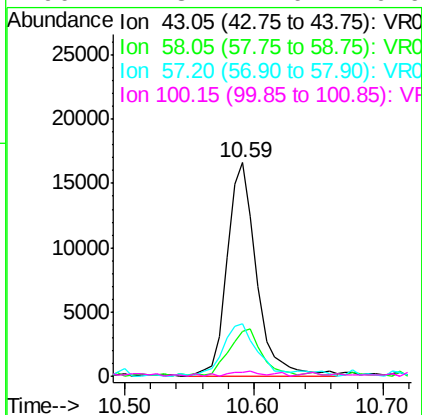
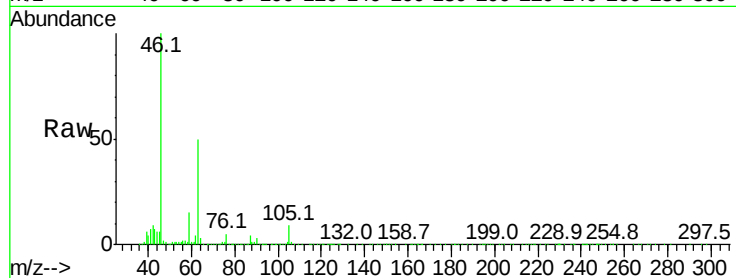




#48
2-Hexanone
Concen: 3.102 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026203.D
Acq: 7 Nov 2018 14:30

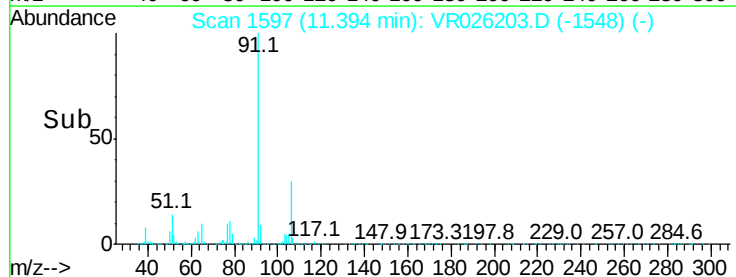
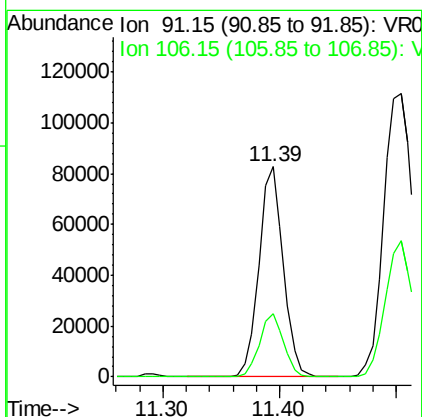
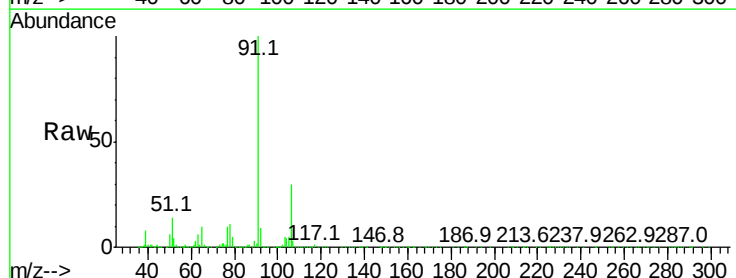
Instrument :
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F9D01DL2

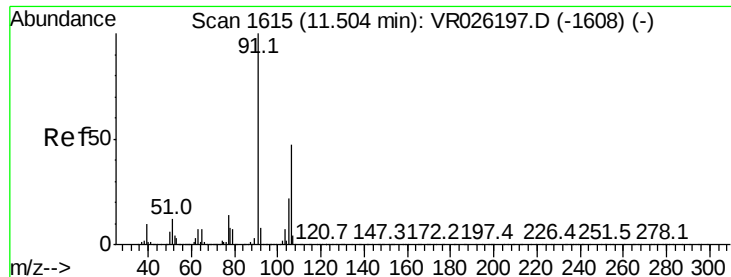
Tgt Ion:	43	Resp:	26638
Ion	Ratio	Lower	Upper
43	100		
58	23.2	39.6	59.4#
57	28.6	14.0	21.0#
100	2.3	7.0	10.6#



#52
Ethylbenzene
Concen: 0.485 ug/L
RT: 11.39 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VR026203.D
Acq: 7 Nov 2018 14:30

Tgt Ion:	91	Resp:	120112
Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.2	39.4





#53

m,p-Xylene

Concen: 0.988 ug/L

RT: 11.50 min Scan# 1615

Delta R.T. -0.00 min

Lab File: VR026203.D

Acq: 7 Nov 2018 14:30

Instrument :

MSVOA_R

ClientSampleID :

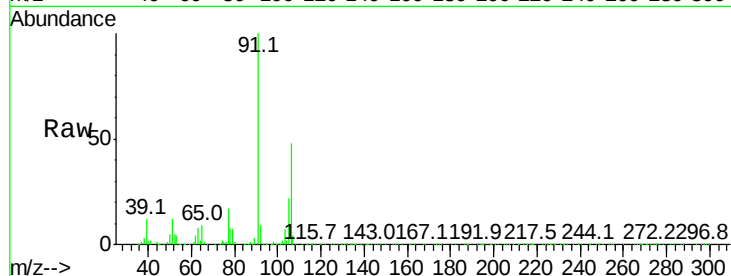
F9D01DL2

Tgt Ion:106 Resp: 89097

Ion Ratio Lower Upper

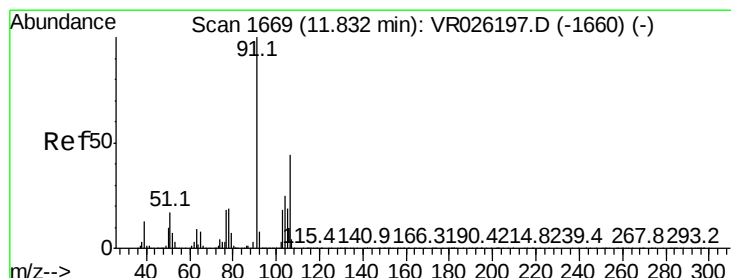
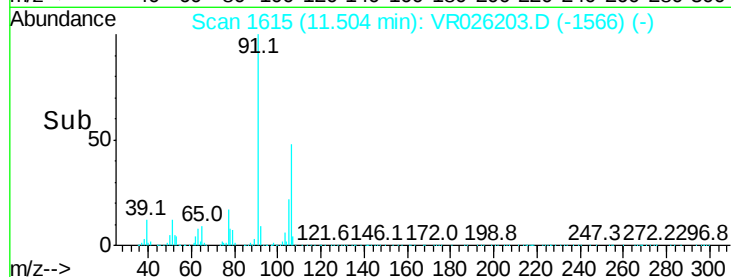
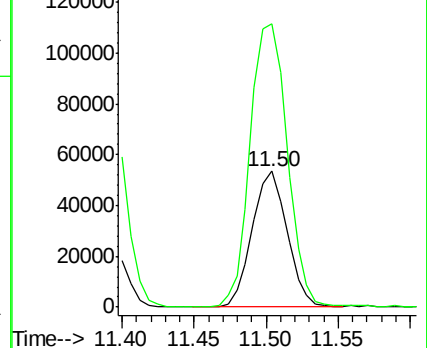
106 100

91 208.1 145.3 269.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0



#54

o-Xylene

Concen: 0.388 ug/L

RT: 11.83 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VR026203.D

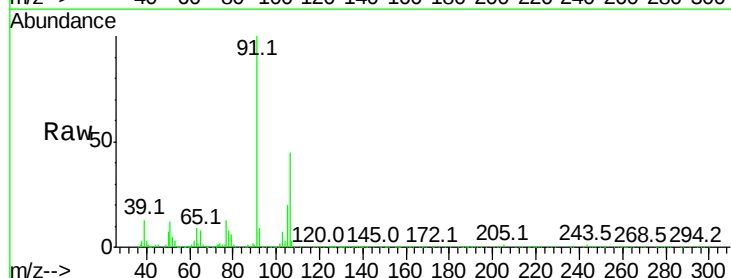
Acq: 7 Nov 2018 14:30

Tgt Ion:106 Resp: 32134

Ion Ratio Lower Upper

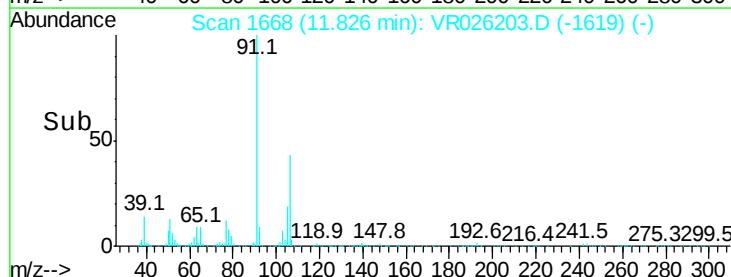
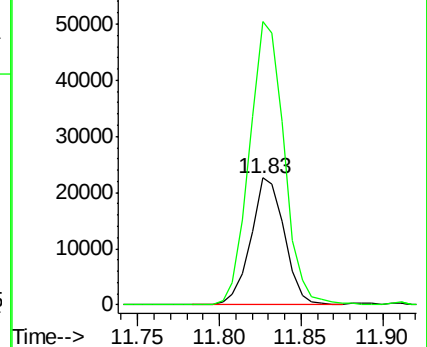
106 100

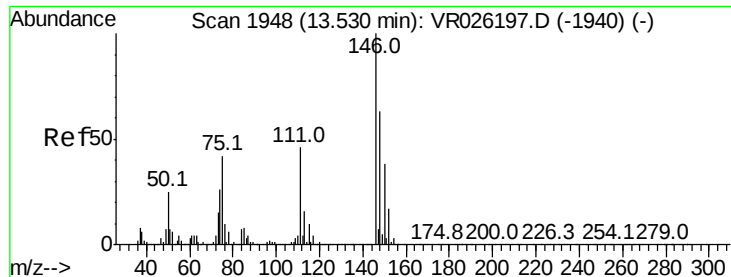
91 223.2 155.8 289.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0

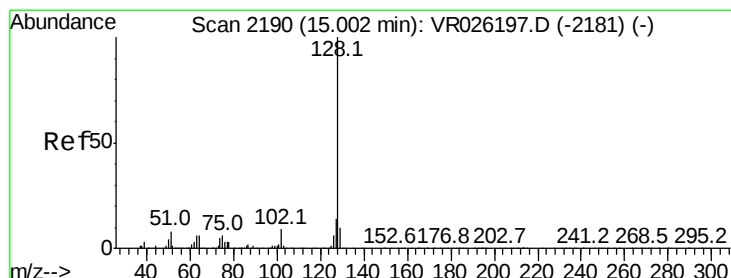
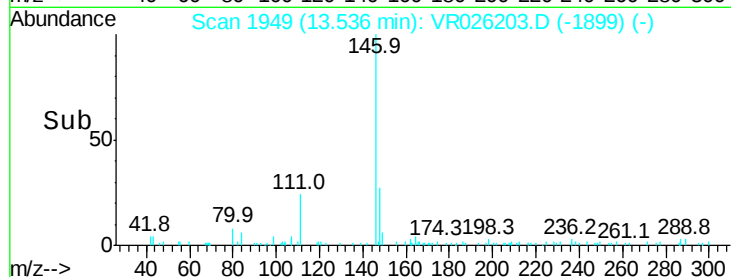
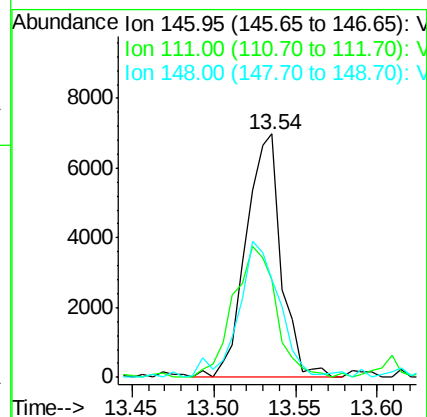
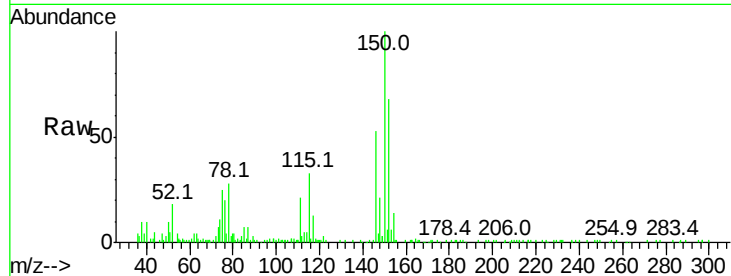




#65
1,2-Dichlorobenzene
Concen: 0.196 ug/L
RT: 13.54 min Scan# 1949
Delta R.T. 0.01 min
Lab File: VR026203.D
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MSVOA_R
ClientSampleId :
F9D01DL2

Tgt Ion:146 Resp: 10455
Ion Ratio Lower Upper
146 100
111 39.9 35.2 52.8
148 40.0 51.2 76.8#



#69
Naphthalene
Concen: 26.304 ug/L
RT: 15.00 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VR026203.D
Acq: 7 Nov 2018 14:30

Tgt Ion:128 Resp: 604267
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.6
129 10.9 9.1 13.7

